

Town Commission

Jarvis Hall 4505 N. Ocean Drive

Regular Town Commission

REGULAR TOWN COMMISSION

Being held at Tuesday, February 25, 2020
Jarvis Hall 4505 N. Ocean Drive

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1. **CALL TO ORDER, MAYOR CHRIS VINCENT**
2. **PLEDGE OF ALLEGIANCE TO THE FLAG**
3. **INVOCATION – Pastor Fred Powell III**
4. **ADDITIONS, DELETIONS, DEFERRALS OF AGENDA ITEMS**
5. **PRESENTATIONS**

   5.a Adopt-a-dune Program (Lee Gottlieb, Youth Environmental Alliance (YEA)/Ken Rubach, Municipal Services Director)
   CoverPage - adopt a dune.pdf
6. **PUBLIC COMMENTS**
7. **PUBLIC SAFETY DISCUSSION**
8. **TOWN MANAGER REPORT**

   8.a Town Manager Report (Bill Vance, Town Manager)
   CoverPage - TM Report.pdf

   8.b Action Plan
   coverpage.pdf
   ACTION PLAN.pdf

   8.c New LBTS Brochure Distributed to Key Tourist Locations (Debbie Hime, Special Projects Coordinator)
   DH TM Report CTM Brochure Distribution FY20.pdf

   8.d First Year Overview of Town's New Government Website
   DH TM Report Govt Website First Year Stats.pdf

   8.e Special Events Update (Debbie Hime, Special Event Coordinator)
   DH TM Report Special Events Update.pdf
9. **TOWN ATTORNEY REPORT**
10. **APPROVAL OF MINUTES**

    10.a February 11, 2020 Town Commission Meeting Minutes (Tedra Allen, Town Clerk)
    Coverpage - minutes.pdf

2

021120 LBTS Commission 1st draft minutes.pdf

11. CONSENT AGENDA

11.a Special Event Application from the Community Church for Easter Sunrise Service Sunday, April 12, 2020 (Debbie Hime, Special Projects Coordinator)

CoverPage.pdf

Community Church SEA and Letter Easter Sunday 4-12-20.pdf

11.b Special Event Application for Community Christian Church Beach Baptism on May 30, 2020 (Debbie Hime, Special Projects Coordinator)

CoverPage.pdf

Community Christian Church Spring Beach Baptism Special Event Application 5-30-20.pdf

11.c Meeting Schedule (Tedra Allen, Town Clerk)

Meeting schedule.pdf

11.d Town Seat on LBTS Chamber of Commerce (Tedra Allen, Town Clerk)

CoverPage - Seat on Chamber Board.pdf

11.e Canal Dredging Study (Ken Rubach, Municipal Services Director)

2-11-20AM Canal Dredging Study.pdf

EX 1- Dredging Study Proposal.pdf

EX 2- Exhibit B Salary Costs.pdf

EX 3- Fee Schedule.pdf

EX 4- Chappell Group Agreement PSA.pdf

12. OLD BUSINESS

12.a Town Manager's Performance Evaluation (Tedra Allen, Town Clerk)

TM Eval CoverPage.pdf

LBTS Team Accomplishments.pdf

Overall Evaluation Score.pdf

Evaluation Thank You.pdf

Vincent.pdf

Sokolow.pdf

Malkoon.pdf

Oldaker.pdf

Strauss.pdf

12.b Condition of Florida Development Group (FDG) Property (Susan Trevarthen, Town Attorney)

FDG update.pdf

13. NEW BUSINESS

13.a El Mar Drive RFQ (Jay Flynn, Town Engineer/Ken Rubach, Municipal Services Director)

CoverPage - El Mar.pdf

CCNA RFQ 20-01-01 El Mar Drive Design Services KR Edits12.17.19.pdf
EDSA, Inc.pdf
KEITH.pdf
Miller Legg.pdf
AECOM.pdf
Craven Thompson & Associates.pdf
Kimley-Horn.pdf

14. COMMISSIONER COMMENTS

15. ORDINANCES 1st Reading

16. ORDINANCES 2nd Reading

16.a Ordinance 2020-03 - AN ORDINANCE OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AMENDING CHAPTER 20, "UTILITIES," OF THE TOWN'S CODE OF ORDINANCES BY AMENDING ARTICLE II, "SANITARY SEWER SYSTEM," SECTION 20-19 "RATES AND CHARGES"; AND PROVIDING FOR SEVERABILITY, CONFLICTS AND AN EFFECTIVE DATE. (Lucila Lang, Finance Director)

CoverPage.pdf
2nd Reading LBTS 2020 Sewer Rate Ordinance.pdf
Annual Rate Adjustment Letter to Lauderdale-by-the-Sea.pdf

17. RESOLUTIONS – PUBLIC COMMENTS

17.a Resolution 2020-06 - A RESOLUTION OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, APPROVING AND AUTHORIZING THE REMOVAL OF MIXED PAPER FROM THE LIST OF MATERIALS THAT CAN BE COLLECTED IN THE CURBSIDE RECYCLING PROGRAMS; PROVIDING FOR AN EFFECTIVE DATE.

Mixed Paper Resolution Cover Memo_.pdf
Mixed Paper Reso 2.20.2020-revised (002).pdf
Jan 2020 LBTS Recycling Mixed Paper Notification.pdf

18. QUASI JUDICIAL PUBLIC HEARINGS

19. ADJOURNMENT

THE TOWN OF LAUDERDALE-BY-THE-SEA WILL FURNISH APPROPRIATE AUXILIARY AIDS AND SERVICES NECESSARY TO AFFORD INDIVIDUALS AN EQUAL OPPORTUNITY TO PARTICIPATE IN MEETINGS OF THE TOWN COMMISSION. IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT AND FLORIDA STATUTE 286.26, PERSONS WITH DISABILITIES NEEDING SPECIAL ACCOMMODATION TO PARTICIPATE IN THIS PROCEEDING SHOULD CONTACT THE TOWN CLERK NO LATER THAN TWO (2) DAYS PRIOR TO THE MEETING AT (954) 640-4200 FOR ASSISTANCE.

IF ANY PERSON DECIDES TO APPEAL ANY DECISION MADE BY THE TOWN COMMISSION WITH RESPECT TO ANY MATTER CONSIDERED AT SUCH MEETING OR HEARING, HE/SHE WILL NEED A RECORD OF THE PROCEEDINGS AND FOR SUCH

4

PURPOSES MAY NEED TO INSURE THAT A VERBATIM RECORDING OF THE PROCEEDINGS IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.

PROCEDURES FOR PUBLIC COMMENTS:

Public Comments may address issues that are not on this meeting's agenda, but should relate to the business of the Town, and should not contain personal attacks. If your comment requires follow up, the Town Manager will have a staff person respond to your concerns, and will advise us of the outcome.

The Town Clerk will read off the names of those who have signed up to speak. When your name is called, please come to the podium, state your name for the record, and indicate whether you are a Town resident. Do not state your address. You have up to three minutes to make your comments, but there is no requirement to use the entire time. If you wish to address a particular Commissioner or member of Town Administration, please do so by use of their title.

If you wish to approach the Commission dais to hand out a document or for some other reason, please request permission and state your reason for doing so. All documents to be provided to the Commission should be handed to the Town Clerk for distribution.

These procedures have been developed to assure that the Town Commission meeting time is efficiently used, and that meetings are conducted in a polite and respectful manner. More information on the decorum rules for Town Commission meetings is available in Section 2-23 of the Town Code of Ordinances.

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Ken Rubach
Submitting Department: Municipal Services
Item Type: Presentations
Agenda Section: PRESENTATIONS

Subject Title:
Adopt-a-dune Program (Lee Gottlieb, Youth Environmental Alliance (YEA)/Ken Rubach, Municipal Services Director)

Explanation:
The Sand dunes in Lauderdale by the Sea serve an important purpose, protecting beachfront property and inland areas from coastal water intrusion. They absorb wave impact and protect inland areas from high energy storms. They act as a resilient barrier to the destructive forces of wind and waves and at the same, dunes stabilize the beach. In addition they provide they vital habitat for nesting turtles and shore birds.

A healthy dune populated with native vegetation acts as a natural barrier that protects the shoreline and the billions of dollars of adjacent real-estate property from the effects of sand inundation, erosion, extreme storm events and sea level rise.

In short, the dune and the beach are your first line of defense.

In 2013 after Tropical Storm Sandy, Lauderdale by the Sea lost so much sand (many properties were left vulnerable) that the U.S. Army Corps of Engineers implemented an emergency sand replenishment project to help restore the beach.

In response, the Town Commission appropriated $10,000 to purchase sea oats to help restore and protect the beach and upland properties. Sea oats trap windblown sand and stable the beach. Through this program, Lauderdale-by-the–Sea's 2.4 mile shoreline had sea oats, from end to end. It took five years and the efforts of more than a 1,000 volunteers, but now an 80 % continuous, natural, self-sustaining dune system is in place.

In partnership, Youth Environmental Alliance (YEA), a local non-profit organization, brought in volunteers to do the planting, including many school children from Miami-Dade, Broward and Palm Beach Counties. It has been an educational experience for the children and they receive community service credits for their efforts. Several major corporations including Wells Fargo, Best Buy, FPL, Office Depot and JM Enterprises have provided donations and hundreds of corporate volunteers to help with the planting, making it a *green team-building* event and true public-private partnership.

Award Winning Program
Through this program, the Town has planted more than 200,000 sea oats along the beach. Invasive plants are being removed and replaced with rare native species. Broward County recognized our program in 2015 by awarding the Town its prestigious NatureScape Emerald Award for special achievement in environmental protection.

Lauderdale by the Sea's sea oats planting program has demonstrated that a small town with limited resources can take substantive actions to protect the environment, enhance the economy and help ensure the long-term sustainability of the beach at minimal cost.
The program here in Lauderdale has been so successful that many other coastal cities are adopting a similar model.

Lauderdale by the Sea is now considering implementing a dune restoration and maintenance plan to be an essential part of its coastal resilience strategy.

Last year, during staff discussion, there were questions regarding maintenance of the dunes.
Including:

- Who shall be responsible for maintaining the dunes?
- When and how should the dunes be maintained?
- Who shall be financially responsible?
- Who has the expertise to do the work?

So, in response and due to the urgent need to protect and preserve this vital resource, Adopt a Dune was formed.

www.adoptadune.com

Vision:
Through partnerships with our communities, Adopt a Dune™ will be the facilitator of a continuous dune system along the entire Florida coast and beyond.

Mission:
By building a continuous healthy dune system, Adopt a Dune™ will create a sustainable and resilient coastline.

The Adopt a Dune™ portal and the volunteer-based model, will encourage, educate and facilitate the restoration and protection of our coastline.

Guiding Principles:
The Adopt a Dune™ volunteer-based service model believes in engaging the community through outreach and education. The opportunity to be part of the solution will create an environment where a sense of ownership enhances the goal of successfully protecting our shoreline.

We will ask adopters to commit to the following Core Principles:

• A minimum of one project to help restore, protect and/or build a dune.

• Submit a report of the amount of volunteer hours and your success stories online (social media)

• Identify and partner with a local government agency and/or a knowledgeable non-profit

Recommendation:
N/A

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Bill Vance, Town Manager; Neysa Herrera, Assistant to the Town Manager
Submitting Department: Administration
Item Type: Report
Agenda Section: TOWN MANAGER REPORT

Subject Title: Town Manager Report (Bill Vance, Town Manager)

Explanation:

With cities and towns coming under more cybersecurity attacks, Giaspace, the Town's IT Service Provider, conducted a cybersecurity seminar in Jarvis Hall on Wednesday, Jan. 29. The seminar helped raise awareness about the real dangers associated with scam e-mails.

Census Day is fast approaching. Town Staff is encouraging all residents to participate in the upcoming Census. In March, Town residents will receive an invitation to respond online to the 2020 Census. However, every household will have the option of responding online, by mail or by phone. Below are important 2020 Census Dates:

- **March 12-20:** Initial invitations to respond online and by phone will be delivered by the U.S. Postal Service. Areas that are less likely to respond online will receive a paper questionnaire along with the invitation to respond online or over the phone.
- **March 16-24:** Reminder letters will be delivered.
- **March 26-April 3:** Reminder postcards will be delivered to households that have not responded.
- **April 8-16:** Reminder letters and paper questionnaires will be delivered to remaining households that have not responded.
- **April 20-27:** Final reminder postcards will be delivered to households that have not yet responded before census takers follow up in person.
- **May 13-July 31:** If a household does not respond to any of the invitations, a census taker will follow up in person.

The Broward Metropolitan Organization (MPO) released a draft of the list of its recommended municipal projects for Surtax funding in Cycle 1 (FY2020). Two LBTS Projects were recommended for this year's cycle: El Mar Drive Improvements and Bike Lanes, the first is in Design Phase and the second is at Planning Stage. The amount of funding recommended for Design of the El Mar Drive Improvements is $240,000 and $360,000 for design of a bike lane infrastructure. The draft list of the recommended projects will be presented to the Surtax Oversight Board on April 2nd.

On February 14, Town staff and Commissioner Strauss met with TECO Gas representatives to discuss the potential expansion of natural gas service opportunities in LBTS. The Town is currently investigating County

Ordinances and policies implemented by other municipalities to establish a process that would allow for the service expansion in a sustainable way.

Last year, the State of Florida passed a bill that requires the Town to create a new Special Revenue Fund that tracks building permit and inspection revenue and expenditures in a separate fund starting on the FY19. The fund has been created and building revenues and expenditures have been moved from the general fund to the new building permit account. In addition, in order to meet this requirement, a new bank account has been open for this fund.

On February 21, the Town hosted a Vacation Rental Workshop in Jarvis Hall. The purpose of this meeting was to educate property owners and managers, who own this type of commercial properties, on the current Town policies and regulations that apply to these operations.

Staff continues to work with Broward County Transit on launching the new route of the community bus Pelican Hopper.

Capital Improvement Projects

The plans for the **Terra Mar Drainage Improvements** project are 100% complete. Ken Rubach (Municipal Services Director), Jay Flynn (Town Engineer), and Project Manager from Baxter Woodman, met with Terra Mar Residents on January 18th to discuss details about the project design and timeline. The Guarantee Maximum Price will be brought before the Commission in March/April with work commencing in Late Spring/Early Summer.

The design for the **Palm Club Septic to Sewer Project** will reach 50% completion in April. The design documents are expected to be submitted to staff by April 1st. Once the documents are received by staff, another meeting will be held with the residents of Palm Club. Staff also met with representatives from Palm Club in early February to discuss some questions, as well as provide an update on their collection of septic tank locations within the property.

The Town received 6 responses to the **El Mar Drive Improvements** Request for Qualifications (RFQ). After ranking the submissions, staff recommends Town Commission to award the project to EDSA. This item is being considered by the Commission in tonight's Town Commission Meeting Agenda.

The Friedt Park Courtyard Improvements project was approved by the Town Commission on February 14. Staff met with State Contracting & Engineering Corporation (contractor) on Wednesday, February 19, to kick off the construction and set a timeline for the project start and duration.

The ADA Sidewalk Compliance Study approved by the Town Commission on January 28th is currently underway.

Other Municipal Services Projects

The **South Median Landscaping** project is well underway. Trees are scheduled to be installed the week of February 17th, with the rest of the landscaping following soon thereafter. Staff anticipates work should be completed by March 6th barring any unforeseen or weather-related delays.

Painting of the Public Bathroom at 4345 El Mar Drive is underway with expected completion on February 28th. Staff will then focus on painting the bathroom in Friedt Park with completion in March.

An **EV Charging station** will be installed by the end of April in the A1A lot. Our electrical contractor is in the process of finalizing their scope of work. Once this work is completed, ChargePoint will install their station for use.

Grants

The cycle for the 46th Year (FY2020-2021) of the Broward County Community Development Block Grant (CDBG) Urban County Program is now open. As usual, the Town finds it desirable to apply for grant monies through this federally funded block grant. The Town is requesting $30,000 to continue its effort to improve the senior center activities for LBTS residents.

Sustainable Environmental Efforts

On January 18 and February 8, staff completed the largest dune to date as part of our Dune Reclamation Program. Thanks to the assistance of volunteer groups, the Youth Environmental Association, as well as the financial investment from Office Depot, we were able to plant approximately 15,000 sea oats . Staff recently installed post and rope after the planting to project the dune. Additional plantings will be installed at the neighboring dune in front of Sea Colony where some minor leveling work took place to lower the crest of the dune. Staff is currently working with our beach consultant and the Florida Department of Environmental Protection to allow for more extensive work to be done to this dune at a later date.

As part of its **Coral Restoration project**, Nova Southeastern University recently planted 1,000 staghorn corals from its nursery at two sites off the Town: Staghorn City and South Commercial. These corals included juvenile corals given to us by the Florida Aquarium. These corals were grown in the aquarium and were the products of adults spawned in the aquarium. One academic aspect of the Town's project with NSU involves increasing the genetic diversity of the staghorn corals that are planted offshore.

Recommendation: N/A

Agenda Item No: 8.b

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Bill Vance
Submitting Department: Administration
Item Type: Report
Agenda Section: TOWN MANAGER REPORT

Subject Title:
Action Plan

Explanation:
FY 20 Action Plan for Review

Recommendation:
Commission Review

Attachments:
ACTION PLAN.pdf

AREA 1: SUSTAINABILITY ● RESILIENCY ● ENVIRONMENT		
Goal 1.1	**PROTECT THE BEACH**	
1.1.1	Planting took place at Coastal Arms Dune on 1-18-20 & 2-8-20 Post and rope was added around the new dune in February 2020	Ken Rubach
1.1.2	January 2020 Staff has begun working with a consultant on the initial steps to creating a dune management plan, this is expected to continue throughout the rest of 2020 and reaching into 2021	
Goal 1.2	**PROTECT EXISTING CORAL REEFS AND DEVELOP NEW ONES**	Steve d'Oliveira
1.2.1	Update Commission in March/April on lastest out-planting. Explore media coverage for our second 5-year coral restoration project	
1.2.2	Coordinate with county on their mitigation reef project stemming in the Segment II beach re-nourishment. The County plans to deploy 9 acres of concrete reef modules in 20 feet of water north and south of the pier. The Commission was briefed on this project at meeting about a year ago. The project will provide substantially more underwater habitats for a variety of Florida Marine Life.	
1.2.3	Fund Phase II plantings of the NSU Staghorn Coral project in LBTS. COMPLETE 2-20-2020 1,000 corals were out-planted in December 2019. NSU plans to plant 500 more corals by April and 500 more in the fall.	
1.2.4	Implement a limestone boulder project to create a new habitat for tropical fish that can be easily accessed by snorklers. The proposal calls for placing several tons of limestone boulders in 12 feet of water off El Prado Park close to swim buoys.	
Goal 1.3	**PROACTIVELY ADDRESS LOCAL LEA LEVEL RISE ISSUES**	
1.3.1	9-26-18 - Collected recent seawall ordinances. Waiting for County and Corp of Engineers' study 10-23-18 - Municipal seawall workshop on Nov. 16, 2018 - staff attended 9-26-19 - The Planning Council will review language regarding resiliency that includes regulations regarding sea wall height at the September 26, 2019 meeting	Linda Connors
1.3.2	Stormwater Master Plan study is underway, it will be completed later this year	
AREA 2: PARKING & TRANSPORTATION		
Goal 2.1	**IMPROVE OUR PARKING SYSTEM**	Bill Vance Neysa Herrea Ken Rubach

2.1.1	Change to staff, will install EV charging station in A1A lot in March 2020	
2.1.2	Implement a system that notifies the driving the public of available parking spaces. i. Analyze the cost of the technology to identify and display available parking spaces in lots. ii. Decide whether to proceed to Requests for Proposals	
2.1.3	January 2020 - Installation of Bollards along the path of the new island adjacent to Bougainvilla/Poinciana is scheduled for Spring 2020.	
Goal 2.2	**EVALUATE THE TOWN'S TRANSIT SERVICES / BUS SHELTERS**	
2.2.1	Evaluate public transportation options and report to Commission: (Debbie Hime and Lucila Lang) i. Identify the current services. (Broward County Transit (BCT), Pelican Hopper) Broward County Transit currently has Routes 11 (North/south on A1A) and 55 (east/west on Commercial) in LBTS ii. Evaluate option to improve the efficiency of the Pelican Hopper (hours, route and frequency) 1-24-20 BCT/Penny Surtax began reimbursing Town for our current $44 hourly rate beginning FY20 2-1-20 The new Community Shuttle route is expected to go into effect in April with a new app that is already being tested on the current route. iii. What alternative services could be offered? (door-to-door, ridesharing or ?) Evaluate the need for a parking shuttle on Friday evenings, Saturdays (day & night), and Sunday (day & night) during season to determine cost, utilization and impact on parking perceptions and utilization. Town has designated a location for a ride share pickup/drop off and we are researching funding for a shelter. We have begun research for on demand rideshare in Town; first estimates are $180k per car per year; ADA compliancy is also an important factor. 1-24-20 BCT is testing on demand for a year in three west Broward areas and will advise us of their test next year. **Bus Shelters:** There are three new BCT bus shelters proposed for FY20 which are being coordinated at this time.	
Goal 2.3	**REDUCE CUT-THROUGH TRAFFIC IN RESIDENTIAL NEIGHBORHOODS THROUGH THE USE OF TRAFFIC CALMING INITIATIVES IN NEIGHBORHOODS**	

2.3.1	Analyze results and determine whether to continue on a more permanent basis	Tom Palmer Ken Rubach Jay Flynn
2.3.2	February 2020 portable signs use is ongoing in seveal areas throughout Town. FDOT is still testing the manufacturers usage of speed sign on their roadways	
Goal 2.4	**REDUCE TRAFFIC, PEDESTRIAN, AND BICYCLE VIOLATIONS THROUGH INCREASED TRAFFICE ENFORCEMENT**	
2.4.1	Analyze results and report to the Commission Semi Annually In 2019 there was a 5.5% decrease in traffic crashes and an increase of 10.8% in traffic citations issed as compared to 2018. The breakdown are as follows: 2018 crashes 182 vs 2019 crashes 172, 2018 citations 2,288 vs. 2019 citations 2,535. It is nearly a 50/50 split between written warnings and non-moving violations	Tom Palmer
Goal 3.1	**PRESERVE THE TOWN'S HISTORY**	Linda Connors
3.1.1	Develop historic information markers or boards. FY17 – FY 21 Create a Mid Century Modern Map (MIMO)	Debbie Hime Linda Connors Steve d'Oliveira
Goal 3.2	**MAINTAIN AND IMPROVE THE WALKABILITY OF THE TOWN**	
3.2.1	Develop Walkability and Bike Master Plan for the main streets in Town. The FY19 budget includes $20,000 to develop the plan. 2-26-19 Staff is drafting RFP for release in March 9-26-19 The RFP was released this summer. One firm responded. We are currently reviewing their submittal and anticipate a contract to be scheduled for the Commission agenda in November. 2-25-20 Commission approved the Corradino Group. Staff has held kick-off meeting. Consulting are gathering public information. We expect a public meeting in April.	Linda Connors
Goal 4.1	**IMPROVE NEIGHBORHOODS**	Linda Connors Ken Rubach
4.1.1	**Neighborhood Plans.** Work with neighbors that want to create a plan to improve their neighborhood. Elements of the plan may include streetscape, swate restoration, sidewalks and streetlights	
Goal 4.2	**ADDRESS STORMWATER FLOODING**	Ken Rubach

4.2.1	Promote the merits of swale restoration - Ongoing 9-20-19 - staff is examiing where swales would have the most impact. This will be a part of the stormwater master plan	
	9-20-19 Staff is examining where swales would have the most impact. This will be a part of the stormwater plan	
Goal 4.3	**DEVELOP CONCEPTS FOR A TOWN HALL/PUBLIC SAFETY COMPLEX**	Ken Rubach Tom Palmer Jud Hopping
4.3.1	February 2020 - a space needs analysis is currently being conducted by a firm who met with FIRE and BSO to determine the amount of sq footage and the types of usage needed for their operations	
Goal 4.4	**SEWER RESTORATION**	
4.4.1	January 2020 - staff will line several laterals this year to test out the process and request additional funding for next year. January 2020 - staff will incorporate schedule for televising and cleaning of sewer mains.	
	AREA 5: ECONOMIC DEVELOPMENT	
Goal 5.1	**PROMOTE THE HOTEL HOSPITALITY SECTORS**	Linda Connors
5.1.1	Fast track develop reviews for hotels. Ongoing	
5.1.2	**The Thunderbird (4521 N Ocean)** was cited for property maintenance issues and the case was heard by the Special Magistrate at the April 26, 2018 hearing. Compliance is required by May 22nd or fines will begin to run. This property already has fines running for the lack of maintenance on its sign. These fines totaled $730,000 as of May 2nd. Awaiting update from attorney	
Goal 5.2	**Assist in making business viable on Commercial Boulevard west of Bougainvilla Drive**	
5.2.1	January 2020- Wiring of banner poles will take place in Feb/March. Once these are wired new lights will be installed upon receiving them. Additional outlets in the islands adjacent to the businesses in the plazas will also be installed in Spring 2020 to provide additional opportunities for lighting/decorations.	
	· New benches and chairs are on order for the West Business	Ken Rubach
	· A landscaping company has been hired to focus on enhancing the West Commercial District's overall attractiveness	

	· Address guidelines with w may help businesses west of Bougainvilla to enhance their outside promotional efforts	Debbie Hime
	· New Holiday and Generic plaza banners are being produced	Debbie Hime
	· A giant Addy chair is on order t and will be tested in a plaza too gauge whether a large decorative piece will bring more foot traffic to the area	Debbie Hime
	· Coordinating a May "Addy Stroll" with West Businesses and local artists showcased in LBTS businesses for the "Addy Chair Art Project " where wooden Addy chairs will be sponsored by local businesses, painted by local artists, and showcased in the four plazas.	Debbie Hime
AREA 6: IT /PIO		
6.1.1	Complete Jarvis Hall / Community Center AV upgrades	
6.1.2	Town Computers/Monitors	
6.1.3	Granicus Dais voter encoder - Researching	Town Clerk
6.1.4	Proposed cyber-security measures (subscription & 45 minute test)	
6.1.5	Explore possible IT class/course	
6.1.6	Explore AT&T cyber-security options	
6.1.7	Possible network assessment Konica-Minolta	
6.1.8	Lunch & learn seminar in January for all employees with computers	
6.1.9	January town topics	
6.1.10	Website updates (ongoing) / new environmental pages	Debbie Hime
6.1.11	Hire vendor for fillable forms / front page back-up	
6.1.12	Explore no index uploads for docs with time-sensitive documents	
6.1.13	Create Town Facebook page	
6.1.14	Promote notify me to Town residents (ongoing)	
6.1.15	Update channel 78 graphics	
6.1.16	BugFest Set-up February kickoff meeting	

COMMISSION ASSIGNMENTS		
4/10/2018	Commission Malkoon asked that the Town evaluate the condition of the seawall on Bel Air Drive (SE 15th Street), which is owned by the Palm Club, Leisure Gardens and the Town. 	
4/10/2018	Commissioner Strauss asked that we request FDOT to conduct a safety studies of the Commercial Boulevard and West Tradewinds intersection. This would also include the concepts to relocation the west to south turn lane on Commercial at this intersection. 	
9/20/2018	Money has been budgeted in FY20 budget to repair Town owned section of the wall. Prior to repairs a survey will do done to ensure all Town owned areas are repaired.	
9/26/2018	Commissioner Oldaker requested staff to check street striping though out Town and replace when appropriate.	Ken Rubach
9/20/2019	Staff reached out to Broward County and striping within their jurisdiction has been done. Several areas throughout town have also been refreshed e by staff. Striping has been included within the FY20 budget in order to install thermal striping which lasts much longer than paint or “tape” stripes.	
FY 19 BUDGETED PROJECTS & STAFF PROJECTS		
1.	Evaluate switching from the quarterly Town Topics written format to an e-newsletter. FY18	Steve d'Oliveira
2.	9/20/19 We have purchased software are prepared for e-newsletter deployment	Debbie Hime
3.	Monitor the request to FDOT to move the turn lane at the foot of the Intracoastal Bridge to the east thus closing the Commercial median at West Tradewinds. 9-20-19 Discussed with FDOT and MPO at 9/17/19 Meeting; FDOT asked Staff to formally recommend the project as they have an upcoming Commercial Blvd plan being developed.	
4.	Evaluate hardening off-site warehouse for use after a hurricane. FY18	
5.	9/20/19: Staff has begun the process of reviewing what work needs to be done to improve site.	
6.	Evaluate the feasibility of offering beach concessions.	TBD

Agenda Item No: 8.c

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Debbie Hime
Submitting Department: Administration
Item Type: Informational
Agenda Section: Town Manager Report

Subject Title: New LBTS Brochure Distributed to Key Tourist Locations

Town's has been working on a collective partnership since last June with CTM Media Group (CTM) to promote the Town, Visitor Center and the Chamber.

Strategically located in high-traffic visitor locations including hotels, transportation centers, tourist attractions and malls throughout the tri-county South Florida region, CTM's network of visitor information displays (which includes LBTS Visitor Center) at 800+ locations reach a revolving market of visitors, including major hotels, malls, convention centers and transportation centers, CTM distributes collateral to their information displays, as well as other centers upon request on a quarterly basis, while monitoring the restocking of brochures and producing reports to help manage inventory.
CTM has exclusive capability to distribute our brochures to locations, such as:

-Fort Lauderdale Hotel Sector (165 locations)
-Fort Lauderdale Recreation/Transportation Sector (60 locations)
-Boca Raton/Delray/Boynton Hotel Sector (70 locations)
-Port Everglade Cruise Terminals, Galleria Mall, Sawgrass Mall, and the Convention Center (once renovations are completed)

We also have a 1/4-page map ad for LBTS in their 2020 Sport & Outdoor map that has a 100,000 distribution throughout all three counties at 700+ locations.

Town's $7,000 FY20 budgeted monetary contribution to the collaborative partnership also provided additional exposure for the Visitor Center and LBTS Chamber via digital kiosks located in strategic locations around the County.

As one of Town's only print initiatives, CTM's brochure distribution is a precise reach to visitors already in nearby beach communities, at our port and other tourist locations.

Copies of the brochure and map are available at the Visitor Center and Town Hall

Artwork Example Brochure Side 1



Artwork Example Brochure Side 2 (Inside)



Example of of one side of the 2020 Recreational Map:



Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Debbie Hime
Submitting Department: Administration
Item Type: Informational
Agenda Section: TOWN MANAGER REPORT

Subject Title:
First Year Overview of Town's New Government Website

Explanation: The Town's new government website (lauderdalebythesea-fl.gov or lbts-fl.gov) which launched just over a year ago has shown to be a important resource tool for LBTS.

Phase One of the new site launch on Dec. 7, 2018 proved to be a success, with our commanding branding, and ease of use, it immediately became an easy and informative portal for both residents and businesses, as well as Town Staff.

As Website Content Manager, Town PIO Steve d'Oliveira has done an enormous amount of updating since Phase Two started in January 2019, adding or updating content throughout the site.

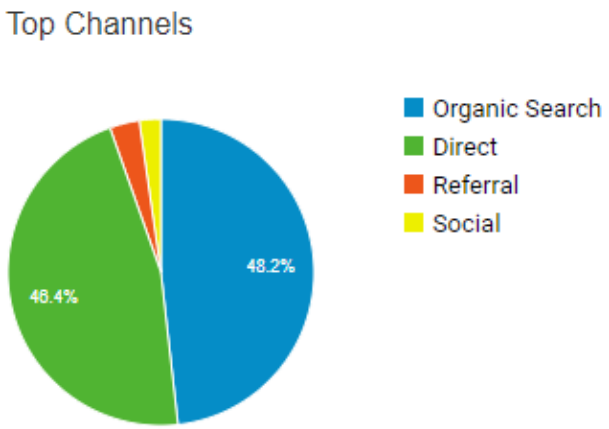
Since the former site was built in 2004 with few updates and maintenance, the site's structure was so old that we couldn't gather analytics from it. Now, we have the resources to know what viewers are looking for when they visit. Some general data from **Dec. 10, 2018 to Dec 9, 2019**:

Users	128,206
Sessions	166,168
New Visitors	89.7%
Returning Visitor	10.3%
Pages per session	2.11

Pageviews throughout the year remain consistent with our seasonal highs and lows (the September jump was due to the pending Hurricane Dorian):



46% of Users know our URL and go directly to the site (this sector is most likely this high because this counts staff queries as well), with the second largest channel via search engines:



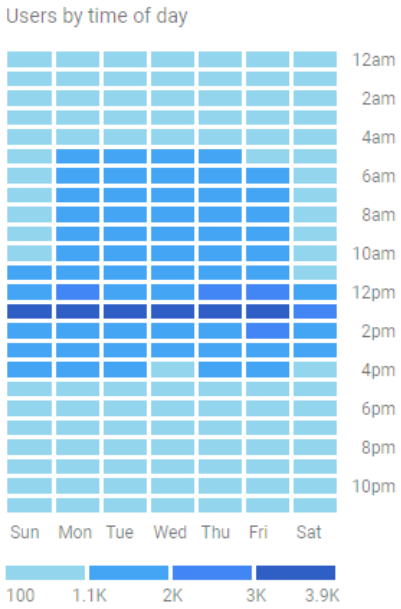
The old site was not "responsive" to mobile devices and tablets; now almost 40% of the site's traffic is from these sources:

Desktop	98,291
Mobile	56,262
Tablet	11,615

Our Florida Users are primarily located in:

City	Acquisition			Behavior
	Users ↓	New Users	Sessions	Bounce Rate
	51,557 % of Total: 40.21% (128,206)	51,230 % of Total: 39.96% (128,195)	81,213 % of Total: 48.87% (166,168)	47.70% Avg for View: 63.06% (-24.36%)
1. Fort Lauderdale	**10,154** (18.44%)	9,522 (18.59%)	15,047 (18.53%)	44.04%
2. Miami	**8,417** (15.29%)	7,767 (15.16%)	10,778 (13.27%)	55.93%
3. Pompano Beach	**5,995** (10.89%)	5,717 (11.16%)	9,623 (11.85%)	42.11%
4. Tampa	**4,205** (7.64%)	3,867 (7.55%)	5,102 (6.28%)	57.17%
5. Oakland Park	**2,556** (4.64%)	2,308 (4.51%)	4,471 (5.51%)	41.20%
6. Orlando	**2,455** (4.46%)	2,206 (4.31%)	2,936 (3.62%)	58.99%
7. Lauderdale-by-the-Sea	**2,241** (4.07%)	2,025 (3.95%)	7,081 (8.72%)	40.98%
8. Davie	**1,007** (1.83%)	950 (1.85%)	1,391 (1.71%)	44.86%
9. Hollywood	**985** (1.79%)	924 (1.80%)	1,366 (1.68%)	50.37%
10. Plantation	**931** (1.69%)	874 (1.71%)	1,223 (1.51%)	49.22%

Users by Time of Day: Having accurate and authoritative information allows Users to access what they need seven days a week, 24 hours a day:



Top 25 Pages: The twenty pages are the ones we focus upon to provide the best information to our viewers. Accurate information gives the viewer what they want without having to call:

Page	Pageviews	Unique Pageviews	Avg. Time on Page
	349,976 % of Total: 100.00% (349,976)	283,791 % of Total: 100.00% (283,791)	00:01:15 Avg for View: 00:01:15 (0.00%)
1. /	**102,535** (29.30%)	80,928 (28.52%)	00:01:11
2. /152/Building-Department	**14,068** (4.02%)	10,682 (3.76%)	00:02:38
3. /153/Forms	**8,879** (2.54%)	6,946 (2.45%)	00:01:43
4. /172/Parking-Services	**6,994** (2.00%)	5,700 (2.01%)	00:01:20
5. /318/Staff-Directory	**6,696** (1.91%)	5,265 (1.86%)	00:01:57
6. /235/Pelican-Hopper-Shuttle	**6,668** (1.91%)	5,581 (1.97%)	00:03:08
7. /9/Visitors	**6,274** (1.79%)	4,538 (1.60%)	00:00:39
8. /443/Meeting-Agendas-Video	**5,353** (1.53%)	4,036 (1.42%)	00:03:44
9. /calendar.aspx?CID=14	**4,863** (1.39%)	4,124 (1.45%)	00:00:38
10. /27/Government	**4,419** (1.26%)	3,342 (1.18%)	00:00:35
11. /257/Town-Employment	**3,947** (1.13%)	3,096 (1.09%)	00:01:15
12. /387/Activity-Calendars	**3,089** (0.88%)	2,047 (0.72%)	00:01:05
13. /dev/buildingpage.htm	**3,047** (0.87%)	2,517 (0.89%)	00:00:31
14. /357/Town-Events	**3,022** (0.86%)	2,368 (0.83%)	00:00:41
15. /muni/snorkel.htm	**2,596** (0.74%)	2,023 (0.71%)	00:00:56
16. /101/Services	**2,460** (0.70%)	2,008 (0.71%)	00:00:29
17. /town/hopper.htm	**2,409** (0.69%)	1,933 (0.68%)	00:00:43
18. /CivicAlerts.aspx?AID=64	**2,287** (0.65%)	1,901 (0.67%)	00:02:51
19. /376/Snorkeling	**2,191** (0.63%)	1,714 (0.60%)	00:01:09
20. /31/Residents	**2,106** (0.60%)	1,754 (0.62%)	00:00:24
21. /173/Parking-Meters	**2,014** (0.58%)	1,586 (0.56%)	00:01:25
22. /156/Code-Compliance	**1,981** (0.57%)	1,605 (0.57%)	00:01:50
23. /439/Community-Center-Events	**1,969** (0.56%)	1,607 (0.57%)	00:01:20
24. /muni/parking.htm	**1,764** (0.50%)	1,327 (0.47%)	00:00:38
25. /337/Community-Center	**1,760** (0.50%)	1,384 (0.49%)	00:00:43

Agenda Item No: 8.e

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Debbie Hime
Submitting Department: Administration
Item Type: Informational
Agenda Section: Town Manager's Report

Subject Title: Special Events Update

Annual update on Applications Processed or Town Events and Programs Produced in 2019

8 Town Sponsored Events and programs
35 Special Event Applications (events available to the public)
21 Park Use Permits (private - weddings, birthday parties)

64 Total in 2019

St Patrick's Day is Tuesday, March 17

As a reminder, Village Grille and 101 Ocean's Annual St. Patrick's Day event on Tuesday, March 17 was included and approved by Commission with their Friday Night Music application in September. The event has the MOT and hours as Friday Night Music (6:30 – 10 PM). Wear your green and enjoy celebrating St. Patrick's Day in LBTS!

VFD Annual Easter Egg Hunt

This very community inspired event will be on Saturday, April 11 at 9AM in Friedt Park will once again be "very local," and intimate, with very little marketing, as we have 100 kids just with word of mouth!

With merchants, hoteliers, restaurants and residents donating prizes, the event has also evolved into a fundraiser for the VFD as well, and we hope everyone will join us Saturday morning – especially those LBTS families with kids 3 – 11 for a morning of egg hunting.

Agenda Item No: 10.a

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Tedra Allen
Submitting Department: Administration
Item Type: Minutes
Agenda Section: APPROVAL OF MINUTES

Subject Title:
February 11, 2020 Town Commission Meeting Minutes (Tedra Allen, Town Clerk)

Explanation: Approval of the February 11, 2020 Town Commission Meeting Minutes

Recommendation:
Accept/Approve

Attachments:
1. February 11, 2020 Commission Meeting Minutes

MEETING MINUTES
TOWN OF LAUDERDALE-BY-THE-SEA
TOWN COMMISSION
REGULAR MEETING MINUTES
Jarvis Hall
4505 Ocean Drive
Tuesday, February 11, 2020
6:30 PM

1. CALL TO ORDER

Mayor Chris Vincent called the meeting to order at 6:30 p.m. Also present were Commissioner Edmund Malkoon, Commissioner Alfred "Buz" Oldaker, Commissioner Randy Strauss, Town Manager Bill Vance, Town Attorney Susan L. Trevarthen, Assistant to the Town Manager Neysa Herrera, Finance Director Lucila Lang, Municipal Services Director Ken Rubach, Development Services Director Linda Connors, Recycling Coordinator Vicki Eckels, Public Information Officer Steve d'Oliveira, and Town Clerk Tedra Allen.

2. PLEDGE OF ALLEGIANCE TO THE FLAG

3. INVOCATION

Rabbi Benzion Singer gave the Invocation.

4. ADDITIONS, DELETIONS, DEFERRALS OF AGENDA ITEMS

Commissioner Malkoon made a motion, seconded by Commissioner Strauss, to excuse Vice Mayor Sokolow's absence from tonight's meeting. Motion carried 4-0.

The Commissioners agreed by unanimous consensus to defer Item 13a, the Town Manager's evaluation, to the February 25, 2020 meeting.

5. PRESENTATIONS

5.a Glass & Mixed Paper Market Update

Recycling Coordinator Vicki Eckels recalled that the Commission had made a decision in December 2019 to omit non-recyclable materials such as glass from the Town's recycling program. She introduced Dawn McCormick, Director of Communications for Waste Management, Inc., who would address this topic further.

Ms. McCormick explained that recycling markets have been very challenging in recent years: while in the past, 30% to 40% of all recyclable material went to China, that country has now closed its doors to recyclables. If there is no end market for a collected material, recycling it can do more harm to the environment than good. Two of the materials without a current end market are glass and mixed paper.

Recycling Coordinator Eckels advised that the state's view of recycling was based on determining which materials do the most to reduce greenhouse gases. Ms. McCormick added that Florida has a 70% recycling goal by the year 2020; however, the state has acknowledged that this cannot be reached. The current total is approximately 48%.

Some materials, such as aluminum, have significant environmental benefit when recycled, while others, such as glass, have a very small benefit. The most valuable materials to recycle are plastic bottles and jugs, aluminum, and cardboard. The state of Florida recycles only 16% of its plastic water bottles and aluminum cans, which means there is an opportunity to increase their recycling.

5.b Sea Shorts Play Festival Presentation (Steve d'Oliveira, Public Information Officer)

Public Information Officer Steve d'Oliveira announced that the semi-annual Sea Shorts Play Festival will be held the weekends of February 14-16 and February 21-23, 2020. Friday and Saturday shows are at 7 p.m., and Sunday shows are at 4 p.m. All shows are free. Plays can be submitted to this festival via Town Hall in the future.

6. PUBLIC COMMENTS

At this time Mayor Vincent opened public comment.

Barbara Cole, resident, stated that she had emailed the Commissioners regarding the Town Manager's evaluation to suggest that more comprehensive evaluations be made.

John Graziano, resident, spoke positively about sidewalk cafés in the Town.

Angela Aldahwi, resident, advised that she was opposed to the prospective increase in the Town's sewer rates, as there have been multiple increases in the past five years. She felt the Town should seek other ways of raising funds.

Ms. Aldahwi continued that metered parking on Bougainvillea Drive was installed without the notice or knowledge of residents in that area. These residents have had several meetings to discuss this issue, which has negatively affected parking as well as quality of life in the surrounding area. She did not believe this parking could bring in significant revenue, and requested that this issue be looked into further.

Kim Hayes, resident, also addressed the metered parking on Bougainvillea Drive, which she also felt created a safety hazard for individuals crossing the street. Speeding also remains an issue in this area.

Ken Brenner, resident, asked if Consent Item 11a, asked questions regarding the proposed building fee study, including costs he felt were excessive for maintenance work.

With no other individuals wishing to speak at this time, Mayor Vincent closed public comment.

7. PUBLIC SAFETY DISCUSSION

7.a BSO January 2020 Report (Captain Thomas Palmer, BSO)

Captain Thomas Palmer of the Broward Sheriff's Office (BSO) addressed speeding on Bougainvillea Drive, stating that BSO has deployed portable signs and other equipment to measure and record speeds. Speed humps are not an option for Bougainvillea Drive, as a County bus route uses this roadway.

Commissioner Strauss observed that the Town's crime statistics were unusually high in January 2020. Capt. Palmer confirmed that these figures are higher than they were in January 2019; however, most recent crimes have been followed by arrests.

Mayor Vincent recalled that when a median was installed on Bougainvillea Drive, residents in the subject area had raised concerns regarding traffic flow, as well as how it would affect nearby businesses and the Plaza. He recommended meeting with Capt. Palmer and the Town Manager to revisit this project.

Commissioner Malkoon recalled a previous discussion which had raised the possibility of moving two to three metered parking spaces which partially blocked an entrance to and from a property on Bougainvillea Drive.

Commissioner Strauss made a motion, seconded by Commissioner Oldaker, to approve. Motion carried 4-0.

7.b VFD January 2020 Report (Chief Judson Hopping, VFD)

Commissioner Oldaker made a motion, seconded by Commissioner Strauss, to approve. Motion carried 4-0.

7.c AMR January 2020 Report (Chief Brooke Liddle, AMR)

Commissioner Oldaker made a motion, seconded by Commissioner Strauss, to approve. Motion carried 4-0.

8. TOWN MANAGER REPORT

8.a Town Manager's Report (Bill Vance, Town Manager)

Assistant to the Town Manager Neysa Herrera reported that the Town's Candidates' Forum is scheduled for March 2, 2020 at 7 p.m. in Jarvis Hall.

Town Manager Bill Vance advised that pedestrian plan efforts, spearheaded by the Development Services Department, began in late January 2020 with the collection and review of data. Next steps include a community workshop prior to development of a draft plan and its presentation to the Town's Planning and Zoning Board, which is expected in April or May 2020.

Commissioner Oldaker requested that the Town Manager's written report include more detailed information than it currently contains in order to keep the community informed.

Commissioner Malkoon recalled that it had also been suggested that the Town Manager's Report include a monthly report on upcoming Community Center events. Town Manager Vance replied that Community Center Director Armilio Bien-Aime has indicated he would provide a quarterly report.

9. TOWN ATTORNEY REPORT

Town Attorney Susan Trevarthen addressed the state of the Town's foreclosure proceedings against properties owned by Florida Development Group (FDG). The stay of foreclosure expired on February 7, 2020, and is followed by a 20-day period in which

FDG must file its response to the foreclosure complaint. At that time the Town will have a better idea of how FDG plans to proceed.

10. APPROVAL OF MINUTES

10.a January 14, 2020 Town Commission Meeting Minutes (Tedra Allen, Town Clerk)

Commissioner Oldaker made a motion, seconded by Commissioner Strauss, to approve. Motion carried 4-0.

10.b January 28, 2020 Town Commission Meeting Minutes (Tedra Allen, Town Clerk)

Commissioner Oldaker made a motion, seconded by Commissioner Malkoon, to approve. Motion carried 4-0.

11. CONSENT AGENDA

11.a Building Fee Study (Linda Connors, Development Services Director)

Development Services Director Linda Connors explained that the state of Florida has passed a bill requiring municipalities to be more transparent with regard to their building fees. These fees are required to help the Town provide the Building Department's services, as well as utilities, rent, and Town Staff time.

The study is intended to review the fees collected and make sure that they are allocated to the Building Department. It will review the building and permit fees of nearby municipalities to ensure that Lauderdale-By-The-Sea's fees are in line with the surrounding area. Development Services Director Connors noted that in some municipalities, engineering fees accompany permit fees.

Commissioner Malkoon made a motion, seconded by Commissioner Oldaker, to approve. Motion carried 4-0.

12. OLD BUSINESS

12.a Approval of a GMP with State Contracting for Friedt Park Courtyard (Ken Rubach, Municipal Services Director)

Municipal Services Director Ken Rubach recalled that in 2019, Town Staff met with the Friedt Park Beautification Committee, which confirmed their selection of a drawing made in 2017. Because the parking component would have required extra drainage and doubled the price of the project, the Committee elected to move forward with the project without additional parking.

The concept selected for the courtyard includes new lighting, pavers, upgraded landscaping, seating areas, and green space for various activities. Municipal Services Director Rubach showed a visual of the current condition of this space, with inoperable light poles, damaged pavers, and other areas in need of maintenance or replacement, followed by a rendering of the plans for the courtyard.

Commissioner Oldaker requested more information regarding a line item for “earth work.” Municipal Services Director Rubach explained that this includes removal of the existing surface and digging below it. This will be the most expensive aspect of the project. He added that when drainage is eventually installed on Bougainvillea Drive or Poinciana Street, the Town may wish to provide appropriate drainage for the park at that time. Plans include the use of synthetic turf.

Commissioner Malkoon recommended that when electrical upgrades are made, additional plugs be provided so they can accommodate speakers or other necessary outdoor event equipment.

Commissioner Strauss made a motion, seconded by Commissioner Oldaker, to approve. Motion carried 4-0.

13. NEW BUSINESS

13.a Town Manager’s Performance Evaluation

This Item was deferred to the February 25, 2020 meeting.

13.b Election Day Regulations (Tedra Allen, Town Clerk)

Town Clerk Tedra Allen advised that Staff has composed a list of ethical Election Day practices, including Florida Statutes. They have also reached out to several Broward County municipalities for information on these practices. The Commission may decide if they wish to move forward with these regulations on Election Day.

Commissioner Malkoon made a motion, seconded by Commissioner Oldaker, to approve. Motion carried 4-0.

13.c Approval of a GMP with State Contracting for Jarvis Hall / Community Center Portico (Ken Rubach, Municipal Services Director)

Municipal Services Director Rubach stated that the portico of Jarvis Hall is a heavily used area in need of renovation, including new tile flooring, installation of a railing around the perimeter, and repair of the base beneath the tile. He showed a visual of existing conditions as well as a rendering of the proposed repairs.

Commissioner Oldaker asked if another surface type could be used for the flooring, such as a poured concrete surface. Municipal Services Director Rubach replied that tile is the most cost-effective option.

Mayor Vincent noted that not all areas requiring restoration and remediation work are identified. Municipal Services Director clarified that these include stucco work and pressure washing. Mayor Vincent also emphasized the necessity of good traction on the surface, pointing out that weather conditions can affect traction. Municipal Services Director replied that Staff would bring in a sample of the tile before making the final decision.

Commissioner Oldaker made a motion, seconded by Commissioner Strauss, to approve. Motion carried 4-0.

14. COMMISSIONER COMMENTS

Commissioner Malkoon noted that resident Alison Zach had put together a plan for planters containing native pollinators near the Town's apiary. He thanked all responsible for their work on this project, suggesting that in the next budget, access could be improved to this facility. He also recommended consideration of using native plants in the Town's medians.

Commissioner Oldaker complimented the median in the southern entrance to the Town, which was recently remodeled and landscaped by Municipal Services Staff.

Commissioner Strauss encouraged all present to visit the Farmers' Market on Sunday mornings in El Prado Park.

15. ORDINANCES 1ST READING

15.a Ordinance 2020-03 – AN ORDINANCE OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AMENDING CHAPTER 20, "UTILITIES," OF THE TOWN'S CODE OF ORDINANCES BY AMENDING ARTICLE II, "SANITARY SEWER SYSTEM," SECTION 20-19 "RATES AND CHARGES"; AND PROVIDING FOR SEVERABILITY, CONFLICTS AND AN EFFECTIVE DATE (Lucila Lang, Finance Director)

At this time Mayor Vincent opened public comment, which he closed upon receiving no input.

Finance Director Lucila Lang recalled that there had been questions regarding the rates paid by residents to the north of Town, whose services are provided by the city of Pompano Beach. She noted that Pompano Beach's sewer rates are higher than the Town's: a single-family home would pay an average of $17.83 in Lauderdale-By-The-Sea, while another $4.15 would be added for flow charges in Pompano Beach.

Commissioner Strauss emphasized the importance of understanding that Pompano Beach treats sewage from Lauderdale-By-The-Sea. Fort Lauderdale charges homes on the south end of the Town for processing sewage, which is then credited back to the Town and paid to Pompano Beach. Charges are determined by the metered amount of water used.

Finance Director Lang explained that she used consumption information from 2019 as well as the new flat rate to determine what the Town's rates would be. In 2019, they paid $698,695, while in 2020 they expect to pay roughly $818,000.

Town Manager Vance advised that the Ordinance would raise the Town's sewer rates by 15%, which would allow them to achieve more revenues than expenditures in association with bills from Pompano Beach.

Mayor Vincent recalled a question raised during Public Comment regarding other ways to raise the Town's revenues. Town Manager Vance stated that the Sewer Fund is an Enterprise Fund, which is intended to be self-sufficient. The current Sewer Fund

balance is $1.2 million, which he felt was a comfortable reserve amount but should not be used otherwise. The proposed increase is intended to meet the additional charges required by Pompano Beach.

Commissioner Strauss made a motion, seconded by Commissioner Oldaker, to approve. Motion carried 4-0.

16. ORDINANCES 2ND READING

16.a Ordinance 2020-02 – AN ORDINANCE OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AMENDING CHAPTER 17, "STREETS, SIDEWALKS, AND OTHER PUBLIC PLACES," ARTICLE VI, "SIDEWALK CAFÉS" TO MODIFY APPLICATION, PERMIT, LICENSE, AND OPERATION REGULATIONS RELATED TO SIDEWALK CAFÉS AND TO REORGANIZE THE ARTICLE TO STREAMLINE AND IMPROVE FUNCTIONALITY; PROVIDING FOR CODIFICATION; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; PROVIDING FOR AN EFFECTIVE DATE (Linda Connors, Development Services Director)

At this time Mayor Vincent opened public comment, which he closed upon hearing no input.

Development Services Director Connors recalled that this Ordinance came before the Commission for first reading on January 14, 2020. It is the result of a Commission Workshop held in May 2019. Some of the changes established by the proposed Ordinance include:

- Reorganization for ease of reference
- Addition of standards that were previously included as policies
- Limiting the size of umbrellas
- Prohibiting tents/canopies
- Establishing the number of people allowed to one per 10 square feet of chairs and one barstool for each 24 in. of barstool space
- Establishing a buffer zone
- Setting a minimum width of 7 ft. west of Ocean Drive and 5 ft. for other areas to maintain a pedestrian path

References to fees no longer collected were deleted, and definitions were amended for clarification.

New concepts include establishment of procedures to accept payment for sidewalk cafés that are available for fewer than 12 months per year. Live/amplified music is prohibited within sidewalk café areas, and a time requirement is required for Staff's review of applications. Fire Department review must also be provided to ensure ingress/egress. Lights, decorations, and other objects not specifically approved as part of the café permit are not allowed in the area, and furniture and fixtures may be stored in a neat and orderly manner no earlier than 10:30 p.m. Chained furniture may be placed in a sidewalk café by 10:30 a.m.

Development Services Director Connors concluded that the Ordinance's language was amended throughout the Ordinance to more clearly express the Town's requirements. The Planning and Zoning Board recommends approval of the Ordinance.

Commissioner Oldaker made a motion, seconded by Commissioner Strauss, to approve. Motion carried 4-0.

16.b Ordinance 2020-01 – AN ORDINANCE OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AMENDING CHAPTER 30 "UNIFIED LAND DEVELOPMENT REGULATIONS," ARTICLE V "ZONING," DIVISION 2 "DISTRICTS," SUBDIVISION L "B-1-A DISTRICT REGULATIONS," AND SUBDIVISION M "B-1 DISTRICT REGULATIONS" TO MODIFY REGULATIONS AND STANDARDS RELATED TO OUTSIDE SEATING FOR RESTAURANTS ON PRIVATE PROPERTY, OTHER THAN A SIDEWALK; PROVIDING FOR CODIFICATION; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; AND PROVIDING FOR AN EFFECTIVE DATE (Linda Connors, Development Services Director)

Development Services Director Connors advised that this Ordinance is a companion Item to the sidewalk café regulations. Sidewalk cafés are on public property, while outdoor dining is outside on private property. The Ordinance amends regulations for consistency with those of sidewalk cafés. The Ordinance passed on first reading at the January 14, 2020 meeting and was recommended for approval by the Planning and Zoning Board.

At this time Mayor Vincent opened public comment, which he closed upon receiving no input.

Commissioner Strauss made a motion, seconded by Commissioner Oldaker, to approve. Motion carried 4-0.

17. RESOLUTIONS – PUBLIC COMMENTS

None.

18. QUASI JUDICIAL PUBLIC HEARINGS

None.

19. ADJOURNMENT

With no other business to come before the Commission at this time, the meeting was adjourned at 8:02 p.m.

_____

Mayor Chris Vincent

ATTEST:

_____ _____

Town Clerk Tedra Allen Date

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Debbie Hime
Submitting Department: Administration
Item Type: Consent
Agenda Section: CONSENT AGENDA

Subject Title:
Special Event Application from the Community Church for Easter Sunrise Service Sunday, April 12, 2020 (Debbie Hime, Special Projects Coordinator)

Explanation:
The Community Church LBTS has submitted for your consideration a special event application **(Exhibit 1)** to hold an Easter Sunrise Worship Service on Sunday, April 21 from 6:30 a.m. to 7:30 a.m. This is a historic community event, with this being its 63rd year.

The event is proposed be located in the two plazas and the Pavilion between Anglin Square and to the highwater line on the beach, with 500 chairs set up for participants in the Connie Hoffmann and Dunes Plazas and seating for the pastor, choir, and vestry in the Pavilion. This is the same set-up as in past years.

In addition, Applicant has requested that the event site be extended to the highwater line north of the pier in case the Church has requests for baptisms. As in the past, the LBTS Volunteer Fire Department will assist with the set up and teardown. This annual event is projecting 650 total attendees.

Sunday, April 12, 2020	
Start of set-up	5:00 a.m.
Start time of event	6:30 a.m.
End time of event	7:30 a.m.
Start of clean up	7:30 a.m.
Clean up completed by	9:00 a.m.

The Applicant advises that they coordinate the event details with Aruba Beach Café, Village Grille, and Mulligan's so they have no objections to the proposed event.

Applicant will use a speaker system placed as shown on the site plan.

Applicant requests the following special consideration:
1. Permission to place signs at the plaza and directional signs. (See Condition 16)
2. Use of Town electric and for the Town to waive all fees for the event, including electric fee ($25), the special event application fee ($100), and the $215 per plaza use fees ($645) for a total of $745. Since this is a historic community event that goes back 64 years and the Commission has waived the fees in the past, we have included the waiver in Condition No. 1.

The Applicant owed no monies to Town at the time this memo was submitted as an agenda item.

Recommendation:

Staff recommends approval of the event with the following conditions:

1. All fees are waived for this event.
2. Setup of the event will start at about 5:00 a.m. and the area will be cleaned and open by 9:00 a.m.
3. Marine Turtle Protection: If any of the activities take place on the beach sand, the event organizers shall ensure that a minimum buffer of 10 feet is kept clear around all marked sea turtle nests and areas that appear to be new nests. All proposed event activities will stay clear of all active nests. No activities adjacent to a nest that might directly or indirectly disturb the area within the staked circle. No holes are to be dug in the sand west of the high tide line.
4. The Police Chief shall specify the number of BSO detail officers needed for traffic and crowd control. The Permit Holder shall contract with BSO Detail Office for the detail BSO deputies within ten (10) days of receiving event approval.
5. The Police Chief shall approve the Permit Holder's Maintenance of Traffic Plan (MOT), if one is required.
6. Road Closings:
    a. The westbound lane of Commercial Blvd. from the Pavilion to El Mar Drive may be closed from 5:00 a.m. until approximately 9:30 a.m.
    b. The eastbound lane of Commercial from El Mar Drive to the Pier parking lot shall remain open to only vehicles accessing the Pier parking lot. Pier parking lot traffic shall exit to the alley south of the Pier.
    c. The Permit Holder may load/unload between the hours of approximately 5:00 a.m. and 7:00 a.m. and from 8:00 a.m. until 9:30 a.m. between Dunes and Connie Hoffmann Plazas.
    d. The proper traffic control barriers will be provided and placed by the Permit Holder at Commercial and El Mar to affect the road closing while maintaining access to the Pier parking lot. Barriers will be removed, and street opened no later than 9:30 a.m.
7. Parking will operate according to normal parking regulations.
8. Town will open the restrooms in El Mar Plaza at 6:30 am on April 12th.
9. Town will list the event on the Town Hall street marquis prior to the event if space is available.
10. Church may use their property for additional parking.
11. Chairs shall be placed to provide the appropriate and required pedestrian walkways (one 8' aisle in the center). All chairs used in the plazas shall have protective (rubber or plastic) feet.
12. Tables, chairs, stage, equipment, etc., will not interfere with pedestrian walkways, ingress or egress.
13. Power use will not exceed Town's power supply of 20 amps.
14. The Permit Holder shall keep the sidewalks next to the event site and within the event site open and clear for pedestrian traffic.
15. The Permit Holder shall provide additional waste receptacles and recycling bins. During the event as needed and at the end of the event, the Permit Holder will use bags to fill garbage and bottles for Town's disposal.
16. Signage:
    a. On April 11th, Permit Holder may place one sandwich sign at the Dunes plaza and one at the Connie Hoffmann plaza;
    b. On the morning of April 12st, Permit Holder may place two reserved signs on the beach east of the Pavilion and one directional sign at the intersection of Ocean Drive and Commercial. The location of signage is subject to the approval of the Special Projects Coordinator and the Police Chief.
17. The Permit Holder shall submit a solid waste and recycling plan for approval at least 30 days prior to the event to the Municipal Services Director. If the Director requires, the Permit Holder shall provide additional waste receptacles and recycling bins. During the event as needed and at the end of the event, the Applicant shall empty all the waste receptacles and recycling bins and pick up litter within the event site and 100 feet of the site and appropriately dispose of all refuse.
18. The event site shall be organized in a safe manner to protect attendees. All electric cords and similar material shall be covered to not pose a hazard to the public or event staff or will be battery operated.
19. The Permit Holder shall provide a written notice to all properties affected by this event by March 20 for approval prior to distribution; and confirm in writing which properties have been notified.

20. Clean up Deposit may be imposed, based on the final Site Plan, and due two weeks prior to the event.
21. Clean up fee starting at $150 will be charged if area is not cleaned to Town standards.
22. A Damage Deposit may be imposed, based on size of event and location a Final Site Plan must be presented for approval by noon on Thursday, March 12.
23. Streets and sidewalks will be free of any debris and cleaned at the end of tear down.
24. Any inspections or work required by Town Staff after normal working hours will incur additional costs set forth by the respective department.
25. At least thirty (30) days prior to the event, the Permit Holder shall provide a Certificate of Liability Insurance, including its endorsement, that meets all the insurance requirements of Chapter 17, Section 17-9.
26. The Permit Holder shall meet the following minimum insurance requirements per Ordinance 2015-06, which may be modified by action of the Town Commission for a specific event:
    a. Prior to issuance of the requested permit, proof of commercial general liability insurance, whether through a single policy, or a combination of policies, in the amount of $1,000,000 per occurrence and $2,000,000 in the aggregate for bodily injury and property damage.
    b. No required policy shall have a deductible or self-insurance retention greater than $15,000.
    c. All policies must be issued by companies authorized to do business in the State of Florida and rated A- or better per Best's Key Rating Guide, latest edition. The certification of insurance shall provide for the Town to receive 30 days' written notice prior to any cancellation, non-renewal or material change in the coverage provided, unless the insurance company refuses to provide such notice, as evidenced by affidavit of the policy holder or written documentation from the insurance company. In any event, the Permit Holder shall be held responsible for providing the Town notice of any change in insurance coverage.
    d. The Town shall be named as an additional insured on all required insurance policies, and an endorsement reflecting this requirement shall be issued as part of any required policies. The Permit Holder shall provide an original certificate of insurance as evidence of continued coverage prior to any annual renewal of the permit. Failure to comply with these requirements shall justify a denial, suspension or revocation of the requested approval by the Town Manager or designee.
    e. In the event that control of any applicable event or activity, by contract or other arrangement, becomes the responsibility of a party other than the Permit Holder (the "sub-applicant"), the sub-applicant shall provide insurance and indemnification meeting the requirements of this Section under which the Permit Holder is applying, as if they were the Permit Holder and shall be held responsible for compliance with the Town Code as if the sub-applicant were the Permit Holder.
27. In the event that insurance certificates, licenses and other material requirements are not provided by the required dates, the approval for this event shall expire unless the Town Manager finds there are extenuating circumstances that the event sponsors have cured or can immediately cure without compromising the health, welfare and safety of the citizens of the Town of Lauderdale-By-The-Sea and those attending the event, without increasing the administration costs of the Town.
28. Final Site Plan must be presented for approval at least 48 hours in advance of the event.
29. In the event that insurance certificates, licenses and other material requirements are not provided by the required dates, the approval for this event will expire unless the Town Manager finds there are extenuating circumstances that the event sponsors have cured or can immediately cure without compromising the health, welfare and safety of the citizens of the Town of Lauderdale-By-The-Sea and those attending the event without increasing the administration costs of the Town.
30. Permit Holder shall owe no monies to the Town at least one week prior to the event. There shall be no past due fines, moneys, fees, violations, taxes or other charges owed to the Town by the current or past property owners or operators requesting the special event permit. A special event permit will not be issued until all past due debts to the Town are paid in full at least one week prior to the event.
31. Any inspections or work required by Town Staff after normal working hours will incur additional costs set forth by the respective department.
32. Permission for this event may be suspended or modified by the Commission, Town Manager or his designated Staff.
33. Upon showing by the Permit Holder of a valid reason, or if required by the Town, the Town Manager may approve minor logistical changes that are consistent with the Commission's policy direction on special events.

34. The Town Manager may suspend permission for this event due to failure of the Permit Holder to comply with the terms and conditions of the Town's event permit, due to conflicting activities, for health or safety issues, or for the best interests of the Town.
35. The onsite Town representative may terminate an event due to the Permit Holder not complying with the terms and conditions of the Town's event permit, for health or safety issues, and for such as but not limited to, crowds that exceed the capacity of the event site.

Attachments:

1. Special Event Application for Community Church Easter Sunrise Worship, April 12, 2020

SPECIAL EVENT APPLICATION INFORMATION

For your event to be considered by the Town Commission, a *fully completed* application must be submitted *at least* 60 days prior to the date of the event.

*This application is available in Word format at **www.lbts-fl.gov/town/docs.htm**. If possible please use the Word document and your computer to complete the application.*

An application is not considered complete unless it includes:

1. A full description of the proposed event,
2. A detailed site plan (*very important!),*
3. All required documents, and
4. The application fee.

A meeting with Special Events Permitting is required before submitting a Special Event Application. Questions? Call our Special Projects Coordinator at 954-640-4200 or email debbieh@lbts-fl.gov.

Payment of Special Event Permit fee is required at the time of Application submission via hand delivery or by mail to:

Town of Lauderdale-By-The-Sea
4501 Ocean Drive
Lauderdale-By-The-Sea, Florida 33308

A Special Event shall be approved by the Town Commission before an event is advertised to the public. A special event is defined as a concert, festival, race, walk, carnival, show, exhibition, parade, or any other similar outdoor event whether operated totally outdoors, on stage, under tents, or with the use of any temporary building or structure, ***to which members of the public are invited as participants or spectators***.

Please review the Town's special event requirements by clicking on: https://www.Special_Event_Requirements
Or download a copy of the Special Event Requirements from our website and review them before submitting your application.

Important to remember:

1. Your event is approved by the Town Commission with "Conditions" that must be met or your event is cancelled. READ and understand the Conditions. *Talk with us if you have questions.*
2. You are responsible for securing and paying for all fees, licenses, and permits required by any governmental agency having jurisdiction, providing the Town evidence of all required insurances, and providing evidence of organization and/or charity.
3. You have to file all of the required documents shall be provided not later than 30 days prior to the event date or the event authorization terminates (unless prior arrangements have been approved by Town).
    a. Insurance
    b. Vendor lists and licenses
    c. File site plan

4. Parking is limited in Lauderdale-By-The-Sea, and will be a consideration when approving your event.
5. You may have to obtain permits from the Building & Fire Departments to meet Florida Building Code and Fire Code standards.
6. You are responsible for securing and paying for all fees, licenses, and permits required by any governmental agency having jurisdiction.

I (Applicant) have read and fully understand the above:

Fred J Powell III

Signature of Applicant

Print Name: Rev Fred J Powell, III

Community Easter Sunrise Service

Event Name:

KCA 1-27-20
(D)

SPECIAL EVENT APPLICATION

Submit this completed application *at least* 60 days prior to the proposed date of your event.

DETAILED SITE PLAN REQUIRED (see details at end of application)
Site Plans often do not include details that are necessary to approve an application or to issue a permit and delays are caused by rejections of initial applications.

Once you have completed the written portion of the application, provide a Site Plan on the last page or attach separately to this application.

Name of Event: Community Easter Sunrise Worship Service (OUR 63rd YEAR!)

Event Purpose, Description and Activities: To bring the LBTS community together for celebration

New Event____ **or Returning Event** ☑ **Previous Attendance** 600

Day(s) and Date(s) of Event: Easter Sunday, April 12 2020

Proposed location of the Event (location, streets, landmarks):

Pavilion, Ocean and Dunes Plazas and to the waterline East of the Pavilion

How many people do you anticipate on site at any peak time?

Participants: 20 #Spectators 600 #Adult volunteers: 15 + VFD!

Please complete the following table:

Activity	Day	Time
Start of set-up:	April 12, 2019	5.00 am
Start time of the Event:	April 12, 2019	6.45 am
EVENT		
End time of the Event:	April 12, 2019	7.45 am
Start of Clean up:	April 12, 2019	7.45 am
Clean-up completed by: (Site restored to original condition)	April 12, 2019	9.00 am

Name and address of host or sponsoring organization:

Is applicant a Non-Profit Organization? (YES) NO

Please attach Organization's proof of 501c3 IRS exemption, background, history, accomplishments, and other events: (This is on file with Town Hall)

Person submitting Application ("Responsible Party"):

Name: Rev. Fred J Powell, III (Pastor)

Mailing address: 4433 Bougainvillea Dr, LBTS FL 33308

Phone: 954.776.5530 Mobile phone: 803.209.5807

Email: pastor@lbtscc.org Fax:

Representative(s) who will be at each day of the event:

Name(s): SAME AS ABOVE

Mailing address:

Phone: Mobile phone:

Evening phone: Fax:

Email:

Add information as necessary:

Will you have an event contractor or planner? YES (NO)

If yes, please provide the contact information of your event contractor (event planner)

Name: Company Name:

Business Address: Company Email:

Phone Office: Phone Mobile:

List contractors that will be on site before, during or after the event (use separate page if needed) – final list required 30 days prior to event.

Request for Town Involvement:

Are you requesting the Town be involved with this event in any way? (YES) NO

If yes, describe services requested, if any:

The Plazas cleared of trash by Easter morning. Advertising posters in buoys and on the street marquee at least 3 days prior to the event, if possible.

STATEMENT OF BENEFIT

If the applicant is seeking sponsorship/co-sponsorship from the Town of Lauderdale-By-The-Sea, a Statement of Benefit is required by Town Code and shall be included here or attached to this application.

If the Town is a sponsor or co-sponsor of the event, the Applicant shall keep financial records of the event sufficient to document all revenues and expenditures. These records shall be available at reasonable time within Broward County for inspection by the Town.

(Insert here or denote if attached)

Please see attached cover lettre

FEES

Are there fees or donations collected on site from the participants or spectators?
(YES) NO

If yes, provide details: An offering is taken up

SOUND SYSTEMS

The event sound systems shall be operated so as not to violate the Town's Code, including and especially Section 13-6, Noise Limitation. Violations of the Town's noise ordinance are grounds for the immediate termination of the source of the noise and may be grounds to terminate the event.

Do you plan to use amplified sound? Provide details, time and location, and if you require electrical connections for:

YES Proposed amplified sound/speaker system: Small portable amplifier/speaker system and mics

YES Proposed live music: List genre, type, ambiance: Traditional church choir

YES Planned recorded music

YES Do you require electrical connections for any of the above? Please give details:
We will need the electricity turned on in the Pavilion please

CLEAN EVENT STANDARDS

Keeping the event area clean during the event and immediately following the event, including trash removal, walkways, and streets, is the responsibility of the applicant. See Clean Up Deposit under Conditions

Please note that, except for very small events, all events shall provide a recycling plan and follow recycling requirements. See Recycling Requirements under Conditions. For more info email recycle@lbts-fl.gov.

Name the contractor or organization (including contact information) who is responsible for your Event's recycling:

Name: Email:

Address:

Daytime phone: Mobile phone:

NOTE: The church will pick up any bulletins and water bottles left behind, and bag trash for town pick-up later

TENTS, CANOPIES, STAGES, BLEACHERS

Tents are generally defined as temporary structures having two or more sidewalls or drops.

A canopy is a tent without sides.

All Tents, canopies larger than 120 sq. ft., multiple canopies without separation, and stages require a building permit. The use of tents or large canopies require approval of the LBTS Fire Marshal and are required to have building permits obtained via LBTS Building Department prior to Event. Manufacture labels are required to be attached to the tents and canopies.

Rental agencies shall provide documentation of the flame spread labeling of 25 or less submitted with application. All canopies larger than 120 sq. ft. shall submit copies the manufacture's labels attached to the tents or canopies with application.

Stages and bleachers shall include product approvals that are supplied by the manufacturer.

Indicate if any of the following will be assembled at the Event and include locations on Site Plan. List sizes and numbers of each:

Tents: N/A

Canopies: N/A

Stages: N/A

Bleachers: N/A list size and max load:

UTILITIES

Folding Chairs (500) in Dunes and Ocean Plazas.(Chairs and umbrellas currently there will be carefully relocated outside the barriers [cf: 2017 Xmas-by-the-Sea]) We will ask the Fire Dpet for help with these.

All utilities requirements shall be approved by the Director of Development Services and the Fire Marshall prior to Application submission to Town Commission.

Depending on location of event, electrical and/or water may be available from the Town for a fee.

Electrical Requirements: *Electrical work requires an Electrical Building Permit.*
Generators over 5KW require an Electrical Building Permit.
A Florida Licensed Electrical Contractor is required to obtain permits.

All electrical requests shall meet the requirements of the Florida Building Code with final approval from the Town's Building Official at least 30 days prior to the Event. Contractor is required to schedule and successfully complete inspection of work prior to Event opening. Florida Building Code 101.4.1, 105.4.5.

Will any **electrical equipment be installed** in conjunction with the Special Event? (i.e. lighting in tents, outlets for cooking, stages, etc.) Yes NO

May we request an electrical outlet for the sound system in the Pavilion be turned on?

If the Event requires the following on public property, list what equipment is to be installed and locations (include voltage, amperage, and phases of wiring) as well as company name providing the equipment. Describe below, include location and use, and also include locations on Site Plan:

YES Electrical power: 120 v/20 amp amplifier/speakers and microphones

_____Water:

_____Gas, propane, BBQ grills, generators:

_____Fuel Storage:

SIGNAGE

All signage shall be included in the application if you wish to exceed the Town Code requirements. Signage shall be reviewed by Development Services (LindaC@lbts-fl.gov) before Application is submitted to Town Commission). No signage shall be installed without permit.

Information on signage shall include location, colors, size and number of signs. Indicate signage to be placed in any right of way that directs traffic to the Event and their approximate size.

Are you requesting permission to erect signage for this Event? YES NO

For each sign please provide:

Description, number of signs, proposed dates, location, size of signs in square feet and letter size: We will be posting signs at the town buoys and also on the street marquees as well as at A1A/Commercial. We would like to use the town's sandwich signs: 2 at Dunes, 2 at Ocean Pavilion at least 3 day prior to the event; and 2 on the beach the day of the event.

Include sign locations on detailed Site Plan or attach a separate sheet.

RESTROOMS (show on Site Plan)

The number of portable toilets required depends on the number of attendees, length and type of event, as determined by the Building Official.

Local businesses that have more than the required number of restroom facilities that allow their facilities to be used may count towards the extra restroom facilities required.

If Event is downtown, permit holder is required to obtain written approval from restaurants to allow participants to use their restroom facilities.

Number of restroom facilities required by Town: TBD
Number of additional restroom facilities, and type, that will be on event site:_____
(Show on Site Plan)
We would request the El Mar Plaza rest rooms be open by 6.30 am

STREET CLOSURES

Street closures may be required at the Event's expense

Are you requesting that any public streets be closed for the Event? (YES) NO
I don't know, please advise_____

If yes, indicate the streets and blocks and times the closure is requested: (horseshoe)
We would like to close the section of Commercial Blvd from El Mar to the Beach from 5 am to 9.00 am (see Site Plan)

TRAFFIC CONTROL/BARRICADES

A traffic control contractor may be required for events which require barricades or traffic control signage.

Please list your traffic control contractor, if applicable: NONE: we will provide traffic cones for closure and direction

VEHICLES

Vehicles are not allowed to drive or park on Town property or park grounds due to damage to underground irrigation systems and to the sod. Applicant shall be responsible for restoration of any damage to Town property.

Are you requesting to drive or park on town property or park grounds: YES (NO)

If you are requesting that vehicles be permitted to drive or park on Town property, please indicate the type(s) of vehicles, the locations, and times they would be parked. Must be approved by Town's Parking Department prior to Event.

LOADING/UNLOADING: If you are requesting that vehicles be permitted to load/unload in non-metered areas, please indicate the location and times loading and unloading would occur:

TRAFFIC CONTROL PLAN

Parking exemptions shall be approved by Assistant Town Manager prior to Application submission to Town Commission). Town may block spaces for safety and other reasons at the expense of the Event.

Include detailed Site Plan indicating how on and off street parking will be accommodated.

Are you requesting the reservation of any Town parking meter spaces for the Event?
YES (NO)

Note: We are making contact with the Broward Sheriff's Office to arrange traffic assistance

If yes, provide the meter numbers on the Site Plan and purpose for which they will be used.

All parking meter fees are paid 30 days prior to the event.

OFF DUTY POLICE/CODE COMPLIANCE OFFICERS

Off duty police officers are required, at the applicant's expense, for street closures, events with alcohol, or large crowds, as determined by the Sheriff's Department. Large events may require a code compliance officer to ensure compliance with Town codes.

Do you anticipate needing off duty police officers for your Event? YES (NO)
Do you anticipate needing code compliance officers for your Event? YES (NO)

CONCESSIONS:

A no-compete clause pertaining to local restaurants will be required where applicable.

Are you planning to have any type of concessions? YES (NO)

If YES, has the Florida Health Department approved the food vending Site Plans? YES NO

If yes, is the food provided by a Non-Profit _____ or For Profit _____ organization?

Is the food free of charge_____ or for sale _____

Do all food vendors have a temporary food service permit? YES NO

Please list the types of food that will be served:

Are you requesting any of the following types of cooking equipment be used on site:

Charcoal Grills _____	Sterno_____	Fryers_____	Open fires_____
Propane Grills _____	Refrigerators____	Smokers_____	Hoods _____
Concession trailers____	Warmers_____	LP Tanks_____	Other _____

Provide details of dispensing locations here and on Site Plan

ALCOHOL

State license is required to be submitted to the Town at least 30 days prior to the event

Are you planning on selling alcoholic beverages at the event? YES (NO)

If YES, has a liquor permit been obtained from the State of Florida? YES NO N/A

Provide details of dispensing locations here and on Site Plan

Provide contact information for all license holders that will be serving alcohol:

VENDORS

A list of all vendors their company name is required for initial approval and final list is required 30 days prior to event and subject to approval (add here or on separate page, and vendor location on site Plan):

Name	Company	Vendor Type
NO VENDORS		

ANIMALS

Any exhibition or similar undertaking in which animals are required to participate in performances for the amusement or entertainment of an audience is subject to Town Commission approval.

Are animals included in your event? YES (NO)
If yes, please give details:

FIREWORKS

(Fireworks require a separate permit approval process and application)

Are you requesting approval to discharge fireworks at the event? YES (NO)

SALE OF MERCHANDISE

Are you requesting approval to offer other items for sale at the event? YES (NO)

List items for sale:

RIDES

Rides or other amusement may require a State of Florida inspection

Copies of contracts with any provider of rides, mechanical devices and amusements shall be submitted to the Town at least 30-days prior to the event.

Are rides to be included in the Event? YES (NO)

If yes, please provide the number and description of each type:

Mechanical/Electrical:
Inflatable (bounce house etc.):
Manual (slides, trampolines):
Other:

NO BALLOONS RELEASED

When balloons are released over the ocean, they become a major source of pollution and significantly increase the mortality rate among sea turtles, birds and other marine life. Sea turtles and fish often mistake the balloons for jellyfish, eat them and die when their stomachs become blocked. Birds can become entangled in the balloon strings and drown. To help reduce the threats caused by balloons, I agree that there will be no release of balloons at this event and I have been informed that the release of balloons is illegal under Florida Statute 379.233. Balloons may be used for decorations at an event but they must either be deflated or taken home at the end of the event, NEVER released into the air. Failure to abide by this requirement will result in the cancellation of the current Event and denial of future special event permits.

I agree no balloons will be released FJPIII

FIRE WATCH or EMS ONSITE

If required by the Fire Marshall, the applicant shall provide for a fire watch and/or an EMS Crew during the event. Large events or those using combustible materials may require qualified stand-by personnel and the appropriate equipment, the cost of which is the responsibility of the applicant.

First Aid facilities may be required by Town at Event's expense. Initial FJPIII

INSURANCE

Insurance requirements differ depending on the type of event and if alcohol is served.

For events not serving alcohol and without fireworks, the Applicants shall provide a Certificate of Liability Insurance written in comprehensive form naming the Town as additional insured in the amount of $1,000,000 per occurrence and $2,000,000 general aggregate for bodily injury and $1,000,000 per occurrence and $2,000,000 general aggregate for property damage with thirty days written notice required for cancellation.

Certificate of Liability Insurance naming the Town as additional insured is required from all Event businesses, promoters, and other related event planners

An approved form of a Certificate of Liability Insurance may be required with your Application for approval by the Town Commission and/or shall be provided the Town at least 30 days prior to the Event date.

Talk to Town Staff representative if your Event proposes serving alcohol or having fireworks about insurance requirements, as both require additional insurance.

Do you and all parties involved have the required insurance coverage needed for this Event?
(YES) NO

EVENT CONDITIONS

Approval for this Event shall expire without future action of the Town if all documents such as but not limited to insurance certificates, health and liquor licenses, BSO police detail contract(s), Fire Marshall or Development Services approvals, MOT Plan, Solid Waste Plan, final Site Plan, any monies due to Town, and other material requirements are not submitted at least 30 days prior to the Event.

Copies of State and County licenses for all vendors and contractors shall be filed with the Town 30 days in advance of the Event. (Final list of vendors and their locations shall be submitted to the Town no later than two weeks prior to the even unless otherwise approved in advance by Town)

If the Event is approved by the Commission, they will establish the Event conditions that the application shall abide by during the Event. Standard Conditions shall include, but are not limited to the following:

1. Permission for this Event may be suspended or modified by the Commission, Town Manager or his designated Staff.
2. Turtle Clause: If any of the set-up will take place on the beach sand please avoid any marked sea turtle nests with a minimum buffer of 30 feet.
3. Setup of the Event will start at about 5 am and the area will be cleaned and open by 9.00 am
4. The Police Chief shall specify the number of BSO detail officers needed for traffic and crowd control. The Applicants shall contract with BSO Detail Office for the detail BSO deputies within ten (10) days of receiving Event approval.

5. The Police Chief shall approve the Applicant's Maintenance of Traffic Plan (MOT), if one is required.
6. The Applicants shall submit a solid waste and recycling plan for approval at least 30 days prior to the Event to the Municipal Services Director. The Applicant shall provide additional waste receptacles and recycling bins. During the event as needed and at the end of the event, the Applicant shall empty all of the waste receptacles and recycling bins and pick up litter within the event site and 100 feet of the site.
7. All signage will be approved and permitted with Development Services at least 30 days prior to the event
8. All related Fire Marshall and Building Official's related requirements have been approved
9. Provide proof of additional restroom facilities ordered at least 30 days prior to event
10. The event and its approved sound systems shall be operated so as not to violate the Town's Code, including and especially Section 13-6, Noise Limitation. All music shall end promptly at 9.30 am pm.
11. The event site shall be organized in a safe manner to protect attendees. All electric cords and similar material shall be covered so as to not pose a hazard to the public or event staff, or will be battery operated.
12. Parking Requirements have been identified, fees paid and listed on site plan
13. The Applicant shall provide a written notice to all properties affected by this event by (date), (30 days in advance) for approval prior to distribution; and confirm in writing which properties have been notified.
14. Clean up Deposit may be imposed, based on the final Site Plan, and due two weeks prior to the event.
15. Clean up fee starting at $150 will be charged if area is not cleaned to Town standards.
16. Final Site Plan must be presented for approval at least 48 hours in advance of the event.
17. Streets and sidewalks will be free of any debris and cleaned at the end of tear down.
18. A Damage Deposit may be imposed, based on size of event and location.
19. There will be no release of balloons at this Event.
20. Any inspections or work required by Town Staff after normal working hours will incur additional costs set forth by the respective department.
21. Upon showing by the Applicant of a valid reason, or if required by the Town, the Town Manager may approve minor logistical changes that are consistent with the Commission's policy direction on special Events.
22. The Applicant shall meet the following minimum insurance requirements per Ordinance 2015-06, which may be modified by action of the Town Commission for a specific Event:
    a) Prior to issuance of the requested permit, proof of commercial general liability insurance, whether through a single policy, or a combination of policies, in the amount of $1,000,000 per occurrence and $2,000,000 in the aggregate for bodily injury and property damage.
    b) No required policy shall have a deductible or self-insurance retention greater than $15,000.
    c) All policies must be issued by companies authorized to do business in the State of Florida and rated A- or better per Best's Key Rating Guide, latest edition. The certification of insurance shall provide for the Town to receive 30 days' written notice prior to any cancellation, non-renewal or material change in the coverage provided, unless the insurance company refuses to provide such notice, as evidenced by affidavit of the policy holder or written documentation from the insurance company. In any Event, the Applicants shall be held responsible for providing the Town notice of any change in insurance coverage. The Town shall be named as an additional insured on all required insurance policies, and an endorsement reflecting this requirement shall be issued as part of any required policies. The Applicants shall provide an original certificate of insurance as evidence of continued coverage prior to any annual renewal of the permit. Failure

to comply with these requirements shall justify a denial, suspension or revocation of the requested approval by the Town Manager or designee.

d) In the Event that control of any applicable Event or activity, by contract or other arrangement, becomes the responsibility of a party other than the Applicant (the "sub-applicant"), the sub-applicant shall provide insurance and indemnification meeting the requirements of this Section under which the Applicant is applying, as if they were the Applicant and shall be held responsible for compliance with the Town Code as if the sub-applicant were the Applicant.

e) If applicable, at least thirty (30) days prior to the first Event, the Applicants shall provide a Certificate of Liquor Liability Insurance written in comprehensive form naming the Town as additional insured in the amount of $1,000,000 per occurrence and $2,000,000 general aggregate for bodily injury and $1,000,000 per occurrence and $2,000,000 general aggregate for property damage, which provides coverage for each Event authorized by this permit. The Certificate shall specify that the Town will be given at least thirty (30) days written notice of any cancellation.

23. In the Event that insurance certificates, licenses and other material requirements are not provided by the required dates, the approval for this Event shall expire unless the Town Manager finds there are extenuating circumstances that the Event sponsors have cured or can immediately cure without compromising the health, welfare and safety of the citizens of the Town of Lauderdale-By-The-Sea and those attending the Event, without increasing the administration costs of the Town.

24. Applicant shall owe no monies to the Town at the time of the Event. There shall be no past due fines, moneys, fees, taxes or other charges owed to the Town by the current or past property owners or operators requesting the special Event permit. A special Event permit will not be issued until all past due debts to the Town are paid in full.

25. The Town Manager may suspend permission for this Event due to failure of the Applicants to comply with the terms and conditions of the Town's permit, due to conflicting activities, for health or safety issues, or for the best interests of the Town.

26. The onsite Town representative may terminate an Event due to the Applicant not complying with the terms and conditions of the Town's Event permit, for health or safety issues, and for such as but not limited to, crowds that exceed the capacity of the Event site.

INDEMNIFICATION

Applicant shall indemnify, defend and hold harmless the Town, its officers, agents and employees, from and against any and all claims, suits, actions, damages, liabilities, expenditures or causes of action of any kind arising directly or indirectly from this Special Event and resulting or accruing from any intentional act or any negligent act, omission or error of Applicant which in turn results in or relates to injuries to body, life, limb or property sustained in, about or upon the Special Event Area, and arising from the use of the Town property.

Applicant shall defend, at its sole cost and expense, any legal action, claim or proceeding instituted by any person against the Town as a result of any claim, suit or cause of action accruing or in any way arising out of this Special Event Application for injuries to body, life, limb or property as set forth above.

Applicant shall save the Town harmless from and against all judgments, orders, decrees, attorneys' fees, costs, expenses and liabilities incurred in and about any claim, and the investigation or defense of them, which maybe entered, incurred or assessed as result of the foregoing.

PERMISSION OF THE PROPERTY OWNER

Applicant's and Property Owner's Certification

An event held on property that is not owned by the applicant requires the permission of the property owner, which is granted by having the property owner sign this special event application.

By signing this event application, the petitioner agrees to all terms, conditions, and indemnification in this application, and understands that this application or the approval of this event application by the Town Commission does not grant any permission to violate any laws, ordinances or statutes.

Additions and/or revisions to this application must be submitted in writing.

Applicant		***Property Owner***
I understand the Town's requirements to hold a special event and the information provided in this application is complete to the best of my knowledge.		*I give the applicant permission to use my/our property for the proposed special event and I understand the Town's requirements to hold a special event and the information given by the applicant is complete to the best of my knowledge.*
Applicant's Signature (required): _____ Date _____		Property owner's Signature (required): _____ Date: _____
Applicant's (Print information below) Name: Title: Organization: Telephone: Mobile: Email:		Property Owner's (Print information below) Name: Title: Organization: Telephone: Mobile: Email:
STATE OF FLORIDA: COUNTY OF BROWARD:		STATE OF FLORIDA: COUNTY OF BROWARD:
SWORN TO AND SUBSCRIBED BEFORE ME, a Notary Public of the State of Florida, by_____ who is personally known to me/provided _____ as identification and who did/did not take an oath.		SWORN TO AND SUBSCRIBED BEFORE ME, a Notary Public of the State of Florida, by_____ who is personally known to me/provided _____ as identification and who did/did not take an oath.
My Commission Expires: _____ _____ Notary Public, State of Florida		My Commission Expires: _____ _____ Notary Public, State of Florida

SITE PLAN DETAILS

Site Plans often do not include the details that are necessary to approve an application or to issue a permit and delays are caused by rejections of initial applications.

The following details are intended to be a guide to assist you in developing a Site Plan. A current survey of the property is most helpful. If a survey is not available, a drawing depicting the area of the Event should include these details, as necessary. More than a one page Site Plan may be included in your application if details of specific areas are important to your Event.

*A detailed map of the Event site identifying location of each of the following **MUST** be drawn here or attached to this application prior to submission. Dimensions are required to determine if available site will support all of the proposed activities.*

Cooking Areas need to be separated from public areas with fences or barricades

Canopy, tents or other covers: locations should include the size, type, & (shelter, vending, food, EMS)

Location:
- The site of the event, with streets, parks and other landmarks identified
- Routes for races, parades, etc.
- Traffic routing and road closures
- Ticket Kiosks
- Access control points
- Signage *(shall be approved by Development Services prior to Application submission to Town Commission)*
- Signs (location, size, color and wording)*

Public Services:
- Fire lanes (emergency access for fire equipment and EMS)
- Restroom facilities (incl. Portable & Private)
- Locate electrical equipment, permanent and temporary (temporary electrical installation (must be to code and approved by Town)
- Trash and Recycling receptacle locations
- Smoking and No Smoking areas
- Pedestrian walkways
- Garbage Cans
- Recycling Bins

Hazard/ Precautions:
- Hazards at the site (ditches, construction areas, obstructions to pedestrian traffic, bodies of water)
- Fencing, barriers, barricades, walls, gates, etc.
- Gasoline, propane, grills, fire, charcoal, generators, any other flammable fuel
- Fuel Storage and dispensing areas
- Fire Extinguishers Minimum size 4A/10BC one every 75 ft. of travel. If cooking, Class K or 1 40BC rated Fire Extinguisher for every cooking station or canopy (at discretion of Fire Marshall)
- Generators (shall be approved by Fire Marshall in advance)

Event:
- Canopies, tents, stages (types shall be specified) locations for sales, food service, etc. *Large tents will require Fire Marshall approval of illuminated exit signs and fire extinguishers)*
- Vendor locations (booths or tables and approximate size, (Vendor's company names phone numbers and email addresses required on separate page at least 48 hours in advance of the Event)
- Restrooms – Portable and Private
- First Aid facilities
- Trailers, storage, sleeping facilities, service boxes, displays, etc.
- Alcohol serving/consuming areas
- Rides and Amusements, Rides, demonstrations, performance areas and stages including Musicians and Artists

Parking:
- Parking areas, location, parking spaces, and parking space numbers that will be blocked; to load/unload before, during or after the event and the amount of time for each occurrence

Code or Security Enforcement (paid by Event)
- EMS stand-by or Fire watch areas (include first aid stations)
- Police: Off duty police officers (if known)

DETAILED SITE PLAN

See above for inclusion examples

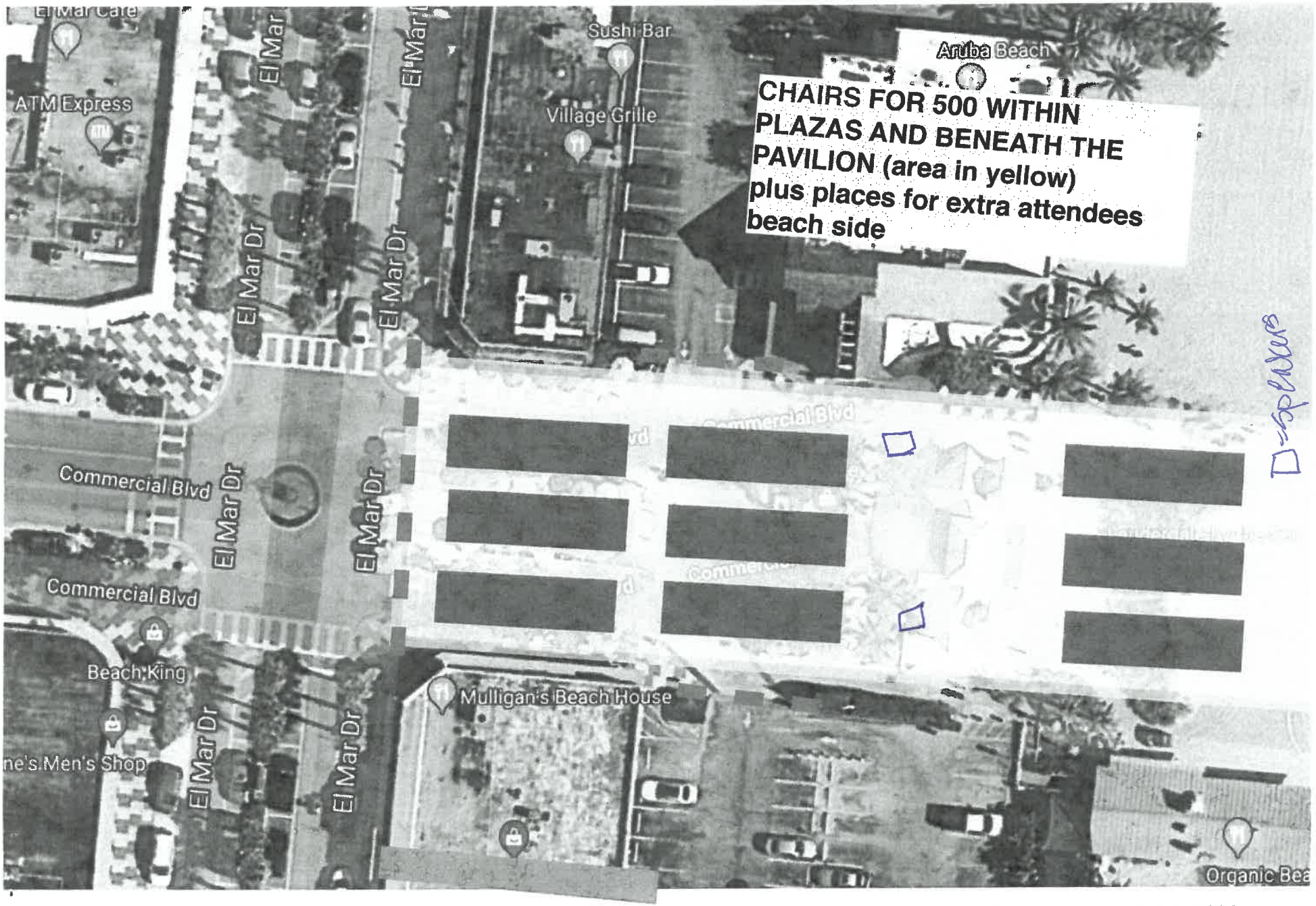
*A detailed map of the event site identifying location of each of the following **MUST** be drawn here or attached to this application prior to submission. Dimensions are required to determine if available site will support all of the proposed activities.*

Please see attached Site Plan

COMMUNITY SUNRISE WORSHIP SERVICE
APRIL 21, 2019

= Waterfilled barriers

= Open lane to the Pier down the back alley



Revised January 24, 2020

Applicant's Certification

By signing this event application, the petitioner agrees to all terms, conditions, and indemnification in this application, and understands that this application or the approval of this event application by the Town Commission does not grant any permission to violate any laws, ordinances or statutes.

Additions and/or revisions to this application shall be submitted in writing.

I understand the Town's requirements to hold a special event and the information provided in this application is complete to the best of my knowledge.

Fred J Powell

Applicant's Signature (required) — January 15, 2020 — Date

Rev. Fred J Powell III, Pastor, Community Church (PCUSA), LBTS — 954.776.5530

Applicant's Printed Name and Title/Organization — Telephone Number

STATE OF FLORIDA:
COUNTY OF BROWARD:

SWORN TO AND SUBSCRIBED BEFORE ME, a Notary Public of the State of Florida, by_____ who is personally known to me/provided _____ as identification and who did/did not take an oath.

_____
Notary Public, State of Florida
My Commission Expires:

notarize upon Pastor's return DK

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Debbie Hime
Submitting Department: Administration
Item Type: Consent
Agenda Section: CONSENT AGENDA

Subject Title:
Special Event Application for Community Christian Church Beach Baptism on May 30, 2020 (Debbie Hime, Special Projects Coordinator)

Explanation: Community Christian Church of Tamarac has submitted a special event application (Exhibit 1) for an event on the beach east of El Prado Park on Saturday, May 30, 2020.

The church has held similar events in the same location for the past five years. They are also requesting a rain date for the following Saturday, June 6th.

The event is estimated to have an estimated 120 participants, volunteers and other guests. Setup will begin at 7:00 a.m., and cleanup completed by 11am.

Saturday, May 30, 2020	
Set Up Begins	7:00 a.m.
Event Begins	8:30 a.m.
Event Ends	10:30 a.m.
Clean Up Completed	11 :00 a.m.

Community Church is requesting permission:

1. To unload their box truck between 7:00 and 7:30 a.m. in one of the Resident Parking spots in front of El Prado Park;
2. To have small amplified sound system of a small speaker with a microphone faced towards the sea for fifteen minutes between 8:45 and 9:45 am; (Condition 8) and,
3. To have a 2' x 4' directional sign at El Prado Park near El Mar Drive to direct participants to the beach. (Condition 5)

These requests are included as conditions below.

Recommendation: We recommend the event being approved with the following conditions:

1. The Police Chief shall specify the number of BSO detail officers needed for traffic and crowd control. The Applicant shall contract with BSO Detail Office for the detail BSO deputies within ten (10) days of receiving event approval.
2. The Police Chief shall approve the Applicant's Maintenance of Traffic Plan (MOT), if one is required.
3. The Applicant shall submit a solid waste and recycling plan for approval at least 30 days prior to the event to the Municipal Services Director. During the event as needed and at the end of the event, the Applicant shall empty the Town's waste receptacles and recycling bins within the event area and within 100 feet of the event area.
4. Applicant may unload their box truck between 7:00 and 7:30 a.m. in one of the Resident Parking spots in front of El Prado Park; no other special parking requests or permits are needed.
5. Any change to the Site Plan must be presented for approval to the Town Manager at least 48 hours in advance of the event.
6. One (1) 10’ x 10’ and (1) one 8’ x 8’ canopies and four (6) 4 x 6 tables are approved in the event site area
7. Two 2' x 4' directional signs (AIA at entrance to El Prado parking and once at El Prado Park).
8. All requirements of Fire Marshall and Building Official shall have been met prior to opening the event.
9. Documentation that the required restroom facilities have been ordered shall be provided at least 30 days prior to event.
10. The event sound systems shall be operated so as not to violate the Town's Code, including and especially Section 13-6, Noise Limitation. All amplified sound shall not start before 8:30 a.m. end promptly at 10:00am. Applicant will have small amplified sound system of a small speaker with a microphone faced towards the sea for 15 minutes between 8:45am and 9:45am.
11. Parking requirements have been identified, fees paid in advance and shown on site plan.
12. The Applicant shall provide a written notice, which has been approved by the Town, to all properties within 300 feet of the event site by April 11, 2020 for approval prior to distribution, and confirm in writing which properties have been notified.
13. Based on size of event and location, The Town Manager may require a damage and/or clean-up deposit and, if so, it shall be deposited with the Town at least two weeks prior to the event.
14. Clean up fee starting at $150 will be charged if area is not cleaned to Town standards.
15. Streets and sidewalks will be free of any debris and cleaned at the end of tear down.
16. At least thirty (30) days prior to the event, the Applicant shall provide a Certificate of Liability Insurance written in comprehensive form naming the Town as additional insured in the amount of $1,000,000 per occurrence and $2,000,000 general aggregate for bodily injury, and $1,000,000 per occurrence and $2,000,000 general aggregate for property damage with thirty (30) days written notice required for cancellation.
17. The cost for any inspections or work required by the Town after normal working hours will be billed to the Applicant and paid prior to the event or, in the alternative, a deposit paid.
18. All monies owed to the Town shall be paid at least 30-days in advance of the event. There shall be no outstanding fines, moneys, fees, taxes or other charges owed to the Town by the current or past property owners or operators requesting the special event permit. A special event permit will not be issued until all outstanding debts to the Town are paid in full.
19. Upon showing by the applicant of a valid reason, the Town Manager may approve minor logistical or site plan changes that are consistent with the Commission's past policy direction on special events.

20. The Town Manager may suspend permission for this event due to failure of the Applicant to comply with the terms and conditions of the Town's event permit, for health or safety issues, or for the best interests of the Town.
21. The onsite Town representative may terminate an event due to the Applicant not complying with the terms and conditions of the Town's event permit, for health or safety issues, and for such as but not limited to crowds that exceed the capacity of the event site.

Attachments:

1. Special Event Application for Community Church Event on May 30, 2020

Exhibit 1 Spring Break Baptism 5/30/2020

SPECIAL EVENT APPLICATION INFORMATION

For your event to be considered by the Town Commission, a *fully completed* application must be submitted *at least* 60 days prior to the date of the event.

This application is available in Word format at ***www.lbts-fl.gov/town/docs.htm****. If possible please use the Word document and your computer to complete the application.*

An application is not considered complete unless it includes:

1. A full description of the proposed event,
2. A detailed site plan (*very important!),*
3. All required documents, and
4. The application fee.

A meeting with Special Events Permitting is required before submitting a Special Event Application. Questions? Call our Special Projects Coordinator at 954-640-4200 or email debbieh@lbts-fl.gov.

Payment of Special Event Permit fee is required at the time of Application submission via hand delivery or by mail to:

Town of Lauderdale-By-The-Sea
4501 Ocean Drive
Lauderdale-By-The-Sea, Florida 33308

A Special Event shall be approved by the Town Commission before an event is advertised to the public. A special event is defined as a concert, festival, race, walk, carnival, show, exhibition, parade, or any other similar outdoor event whether operated totally outdoors, on stage, under tents, or with the use of any temporary building or structure, ***to which members of the public are invited as participants or spectators***.

Please review the Town's special event requirements by clicking on: https://www.Special_Event_Requirements
Or download a copy of the Special Event Requirements from our website and review them before submitting your application.

Important to remember:

1. Your event is approved by the Town Commission with "Conditions" that must be met or your event is cancelled. READ and understand the Conditions. *Talk with us if you have questions.*
2. You are responsible for securing and paying for all fees, licenses, and permits required by any governmental agency having jurisdiction, providing the Town evidence of all required insurances, and providing evidence of organization and/or charity.
3. You have to file all of the required documents shall be provided not later than 30 days prior to the event date or the event authorization terminates (unless prior arrangements have been approved by Town).
    a. Insurance
    b. Vendor lists and licenses
    c. File site plan

4. Parking is limited in Lauderdale-By-The-Sea, and will be a consideration when approving your event.
5. You may have to obtain permits from the Building & Fire Departments to meet Florida Building Code and Fire Code standards.
6. You are responsible for securing and paying for all fees, licenses, and permits required by any governmental agency having jurisdiction.

I (Applicant) have read and fully understand the above: Kent G. Mezger

Signature of Applicant

Print Name: Kent Mezger

Event Name: Spring Beach Baptism

Full Description of Community Christian Church Beach Baptism

Saturday, May 30, 2020

(Weather Reschedule Backup Date: Saturday, June 6, 2020)

Location: On the beach at El Prado Park

Event setup will begin at 7:00 AM

- One 10'x10' canopy
- One 8'x8' canopy
- Four 6' folding tables
- Camera equipment
- 2 A-frame Directional signs

Event starts at 8:30 AM

- About 70 people will be baptized in the ocean
- There will be about 10 onlookers

Event should complete by 10:30 AM and the beach cleared by 11:00 AM

April 1, 2020

Via U.S. Mail

Villas By The Sea Condominium Association, Inc.
4445 El Mar Dr.
Lauderdale-By-The-Sea, FL 33308

To Whom It May Concern:

Per our LBTS Special Event Permit, we have been asked to advise you that Community Christian Church will be holding a water baptism event on the beach just east of El Prado Park on Saturday, May 30, 2020. In the event of inclement weather, the event may be moved to June 6, 2020. We will begin setting up at 7:00 AM, followed by water baptisms in the ocean from 8:30 to 10:30 AM and will be all cleared out by 11:00 AM. We will leave no trace of our presence removing all trash as we go.

Should you have any questions, please feel free to contact me. Thank you for your understanding and cooperation.

Sincerely Yours,

Kent Mezger
Associate Pastor
Community Christian Church
kmezger@communitycc.com
954-724-7400 ext. 213

Tax-Exempt Status

Churches and religious organizations, like many other charitable organizations, qualify for exemption from federal income tax under IRC section 501(c)(3) and are generally eligible to receive tax-deductible contributions. To qualify for tax-exempt status, such an organization must meet the following requirements (covered in greater detail throughout this publication):

- the organization must be organized and operated exclusively for religious, educational, scientific, or other charitable purposes,
- net earnings may not inure to the benefit of any private individual or shareholder,
- no substantial part of its activity may be attempting to influence legislation,
- the organization may not intervene in political campaigns, and
- the organization's purposes and activities may not be illegal or violate fundamental public policy.

Recognition of Tax-Exempt Status

Automatic Exemption for Churches

Churches that meet the requirements of IRC section 501(c)(3) are automatically considered tax exempt and are not required to apply for and obtain recognition of tax-exempt status from the IRS.

Although there is no requirement to do so, many churches seek recognition of tax-exempt status from the IRS because such recognition assures church leaders, members, and contributors that the church is recognized as exempt and qualifies for related tax benefits. For example, contributors to a church that has been recognized as tax exempt would know that their contributions generally are tax-deductible.

Church Exemption Through a Central/Parent Organization

A church with a parent organization may wish to contact the parent to see if it has a *group ruling*. If the parent holds a group ruling, then the IRS may already recognize the church as tax exempt. Under the group exemption process, the parent organization becomes the holder of a group ruling that identifies other affiliated churches or other affiliated organizations. A church is recognized as tax exempt if it is included in a list provided by the parent organization. If the church or other affiliated organization is included on such a list, it does not need to take further action to obtain recognition of tax-exempt status.

An organization that is not covered under a group ruling should contact its parent organization to see if it is eligible to be included in the parent's application for the group ruling. For general information on the group exemption process, see Publication 4573, *Group Exemptions*, and Revenue Procedure 80-27, 1980-1 C.B. 677.

Religious Organizations

Unlike churches, religious organizations that wish to be tax exempt generally must apply to the IRS for tax-exempt status unless their gross receipts do not normally exceed $5,000 annually.

Applying for Tax-Exempt Status

Employer Identification Number (EIN)

Every tax-exempt organization, including a church, should have an employer identification number (EIN), whether or not the organization has any employees. There are many instances in which an EIN is necessary. For example, a church needs an EIN when it opens a bank account, in order to be listed as a subordinate in a group ruling, or if it files returns with the IRS (e.g., Forms W-2, 1099, 990-T).

An organization may obtain an EIN by filing Form S-4, *Application for Employer Identification Number*, in

SPECIAL EVENT APPLICATION

Submit this completed application *at least* 60 days prior to the proposed date of your event.

DETAILED SITE PLAN REQUIRED (see details at end of application)
Site Plans often do not include details that are necessary to approve an application or to issue a permit and delays are caused by rejections of initial applications.

Once you have completed the written portion of the application, provide a Site Plan on the last page or attach separately to this application.

Name of Event: Community Christian Church Beach Baptism

Event Purpose, Description and Activities: Beach Baptism

New Event____ or Returning Event ✓ **Previous Attendance** 111

Day(s) and Date(s) of Event: Saturday May 30th, 2020 + Saturday June 6th (weather reschedule if needed)

Proposed location of the Event (location, streets, landmarks):
On the beach at El Prado Park

How many people do you anticipate on site at any peak time?

Participants: 70 #Spectators 10 #Adult volunteers: 39

Please complete the following table:

Activity	Day	Time
Start of set-up:	6/30/2020	7:00 AM
Start time of the Event:	"	8:30 AM
EVENT	"	
End time of the Event:	"	10:30 AM
Start of Clean up:	"	10:30 AM
Clean-up completed by: (Site restored to original condition)	"	11:00 AM

Name and address of host or sponsoring organization:

Is applicant a Non-Profit Organization? (YES) NO

Please attach Organization's proof of 501c3 IRS exemption, background, history, accomplishments, and other events:

Person submitting Application ("Responsible Party"):

Name: Kent Mezger
Mailing address: 1009 W Commercial Blvd, Tamarac, FL 33351
Phone: 954-724-7408 Mobile phone: 954-288-4399
Email: kmezgercommunity@c.com Fax: 954-724-7474

Representative(s) who will be at each day of the event:

Name(s):
Mailing address: same as above
Phone: Mobile phone:
Evening phone: Fax:
Email:

Add information as necessary:

Will you have an event contractor or planner? YES (NO)

If yes, please provide the contact information of your event contractor (event planner)

Name: Company Name:
Business Address: Company Email:
Phone Office: Phone Mobile:

List contractors that will be on site before, during or after the event (use separate page if needed) – final list required 30 days prior to event.

Request for Town Involvement:

Are you requesting the Town be involved with this event in any way? YES (NO)

If yes, describe services requested, if any:

STATEMENT OF BENEFIT

If the applicant is seeking sponsorship/co-sponsorship from the Town of Lauderdale-By-The-Sea, a Statement of Benefit is required by Town Code and shall be included here or attached to this application.

If the Town is a sponsor or co-sponsor of the event, the Applicant shall keep financial records of the event sufficient to document all revenues and expenditures. These records shall be available at reasonable time within Broward County for inspection by the Town.

(Insert here or denote if attached)

FEES

Are there fees or donations collected on site from the participants or spectators?

YES (NO)

If yes, provide details:

SOUND SYSTEMS

The event sound systems shall be operated so as not to violate the Town's Code, including and especially Section 13-6, Noise Limitation. Violations of the Town's noise ordinance are grounds for the immediate termination of the source of the noise and may be grounds to terminate the event.

Do you plan to use amplified sound? Provide details, time and location, and if you require electrical connections for:

✓ Proposed amplified sound/speaker system:

_____ Proposed live music: List genre, type, ambiance:

_____ Planned recorded music

_____ Do you require electrical connections for any of the above? Please give details:

CLEAN EVENT STANDARDS

Keeping the event area clean during the event and immediately following the event, including trash removal, walkways, and streets, is the responsibility of the applicant. See Clean Up Deposit under Conditions

Please note that, except for very small events, all events shall provide a recycling plan and follow recycling requirements. See Recycling Requirements under Conditions. For more info email recycle@lbts-fl.gov.

Name the contractor or organization (including contact information) who is responsible for your Event's recycling:

Name: Self Email:

Address:

Daytime phone: Mobile phone:

TENTS, CANOPIES, STAGES, BLEACHERS

Tents are generally defined as temporary structures having two or more sidewalls or drops.

A canopy is a tent without sides.

All Tents, canopies larger than 120 sq. ft., multiple canopies without separation, and stages require a building permit. The use of tents or large canopies require approval of the LBTS Fire Marshal and are required to have building permits obtained via LBTS Building Department prior to Event. Manufacture labels are required to be attached to the tents and canopies.

Rental agencies shall provide documentation of the flame spread labeling of 25 or less submitted with application. All canopies larger than 120 sq. ft. shall submit copies the manufacture's labels attached to the tents or canopies with application.

Stages and bleachers shall include product approvals that are supplied by the manufacturer.

Indicate if any of the following will be assembled at the Event and include locations on Site Plan. List sizes and numbers of each:

Tents: ____

Canopies: 2 1: 10'X10' and 1: 8'X8'

Stages: ____

Bleachers: ____ list size and max load:

UTILITIES

All utilities requirements shall be approved by the Director of Development Services and the Fire Marshall prior to Application submission to Town Commission.

Depending on location of event, electrical and/or water may be available from the Town for a fee.

Electrical Requirements: *Electrical work requires an Electrical Building Permit.*
Generators over 5KW require an Electrical Building Permit.
A Florida Licensed Electrical Contractor is required to obtain permits.

All electrical requests shall meet the requirements of the Florida Building Code with final approval from the Town's Building Official at least 30 days prior to the Event. Contractor is required to schedule and successfully complete inspection of work prior to Event opening. Florida Building Code 101.4.1, 105.4.5.

Will any **electrical equipment be installed** in conjunction with the Special Event? (i.e. lighting in tents, outlets for cooking, stages, etc.) Yes (NO)

If the Event requires the following on public property, list what equipment is to be installed and locations (include voltage, amperage, and phases of wiring) as well as company name providing the equipment. Describe below, include location and use, and also include locations on Site Plan:

_____Electrical power:

_____Water:

_____Gas, propane, BBQ grills, generators:

_____Fuel Storage:

SIGNAGE

All signage shall be included in the application if you wish to exceed the Town Code requirements. Signage shall be reviewed by Development Services (LindaC@lbts-fl.gov) before Application is submitted to Town Commission). No signage shall be installed without permit.

Information on signage shall include location, colors, size and number of signs. Indicate signage to be placed in any right of way that directs traffic to the Event and their approximate size.

Are you requesting permission to erect signage for this Event? (YES) NO

For each sign please provide:

Description, number of signs, proposed dates, location, size of signs in square feet and letter size: 2 A-frame Sign-A-Cades 4'X2' with church name and arrows pointing to the beach

70

Include sign locations on detailed Site Plan or attach a separate sheet.

RESTROOMS (show on Site Plan)

The number of portable toilets required depends on the number of attendees, length and type of event, as determined by the Building Official.

Local businesses that have more than the required number of restroom facilities that allow their facilities to be used may count towards the extra restroom facilities required.

If Event is downtown, permit holder is required to obtain written approval from restaurants to allow participants to use their restroom facilities.

Number of restroom facilities required by Town: TBD
Number of additional restroom facilities, and type, that will be on event site: 0
(Show on Site Plan)

STREET CLOSURES
Street closures may be required at the Event's expense

Are you requesting that any public streets be closed for the Event? YES (NO)
I don't know, please advise_____

If yes, indicate the streets and blocks and times the closure is requested:

TRAFFIC CONTROL/BARRICADES
A traffic control contractor may be required for events which require barricades or traffic control signage.

Please list your traffic control contractor, if applicable:

VEHICLES
Vehicles are not allowed to drive or park on Town property or park grounds due to damage to underground irrigation systems and to the sod. Applicant shall be responsible for restoration of any damage to Town property.

Are you requesting to drive or park on town property or park grounds: YES (NO)

If you are requesting that vehicles be permitted to drive or park on Town property, please indicate the type(s) of vehicles, the locations, and times they would be parked. Must be approved by Town's Parking Department prior to Event.

LOADING/UNLOADING: If you are requesting that vehicles be permitted to load/unload in non-metered areas, please indicate the location and times loading and unloading would occur:
El Prado permit parking 7:00-7:30 AM

TRAFFIC CONTROL PLAN
Parking exemptions shall be approved by Assistant Town Manager prior to Application submission to Town Commission). Town may block spaces for safety and other reasons at the expense of the Event.

Include detailed Site Plan indicating how on and off street parking will be accommodated.

Are you requesting the reservation of any Town parking meter spaces for the Event?
YES (NO)

If yes, provide the meter numbers on the Site Plan and purpose for which they will be used.

All parking meter fees are paid 30 days prior to the event.

OFF DUTY POLICE/CODE COMPLIANCE OFFICERS

Off duty police officers are required, at the applicant's expense, for street closures, events with alcohol, or large crowds, as determined by the Sheriff's Department. Large events may require a code compliance officer to ensure compliance with Town codes.

Do you anticipate needing off duty police officers for your Event? YES NO
Do you anticipate needing code compliance officers for your Event? YES NO

CONCESSIONS:

A no-compete clause pertaining to local restaurants will be required where applicable.

Are you planning to have any type of concessions? YES NO

If YES, has the Florida Health Department approved the food vending Site Plans?

YES NO

If yes, is the food provided by a Non-Profit _____ or For Profit _____ organization?

Is the food free of charge_____ or for sale _____

Do all food vendors have a temporary food service permit? YES NO

Please list the types of food that will be served:

Are you requesting any of the following types of cooking equipment be used on site:

Charcoal Grills _____	Sterno_____	Fryers_____	Open fires_____
Propane Grills _____	Refrigerators____	Smokers_____	Hoods _____
Concession trailers____	Warmers_____	LP Tanks_____	Other _____

Provide details of dispensing locations here and on Site Plan

ALCOHOL

State license is required to be submitted to the Town at least 30 days prior to the event

Are you planning on selling alcoholic beverages at the event? YES NO

If YES, has a liquor permit been obtained from the State of Florida? YES NO

Provide details of dispensing locations here and on Site Plan

Provide contact information for all license holders that will be serving alcohol:

VENDORS

A list of all vendors their company name is required for initial approval and final list is required 30 days prior to event and subject to approval (add here or on separate page, and vendor location on site Plan):

Name Company Vendor Type

ANIMALS

Any exhibition or similar undertaking in which animals are required to participate in performances for the amusement or entertainment of an audience is subject to Town Commission approval.

Are animals included in your event? YES (NO)
If yes, please give details:

FIREWORKS

(Fireworks require a separate permit approval process and application)

Are you requesting approval to discharge fireworks at the event? YES (NO)

SALE OF MERCHANDISE

Are you requesting approval to offer other items for sale at the event? YES (NO)

List items for sale:

RIDES

Rides or other amusement may require a State of Florida inspection

Copies of contracts with any provider of rides, mechanical devices and amusements shall be submitted to the Town at least 30-days prior to the event.

Are rides to be included in the Event? YES (NO)

If yes, please provide the number and description of each type:

Mechanical/Electrical:
Inflatable (bounce house etc.):
Manual (slides, trampolines):
Other:

NO BALLOONS RELEASED

When balloons are released over the ocean, they become a major source of pollution and significantly increase the mortality rate among sea turtles, birds and other marine life. Sea turtles and fish often mistake the balloons for jellyfish, eat them and die when their stomachs become blocked. Birds can become entangled in the balloon strings and drown. To help reduce the threats caused by balloons, I agree that there will be no release of balloons at this event and I have been informed that the release of balloons is illegal under Florida Statute 379.233. Balloons may be used for decorations at an event but they must either be deflated or taken home at the end of the event, NEVER released into the air. Failure to abide by this requirement will result in the cancellation of the current Event and denial of future special event permits.

I agree no balloons will be released KAM

FIRE WATCH or EMS ONSITE

If required by the Fire Marshall, the applicant shall provide for a fire watch and/or an EMS Crew during the event. Large events or those using combustible materials may require qualified stand-by personnel and the appropriate equipment, the cost of which is the responsibility of the applicant.

First Aid facilities may be required by Town at Event's expense. Initial KAM

INSURANCE

Insurance requirements differ depending on the type of event and if alcohol is served.

For events not serving alcohol and without fireworks, the Applicants shall provide a Certificate of Liability Insurance written in comprehensive form naming the Town as additional insured in the amount of $1,000,000 per occurrence and $2,000,000 general aggregate for bodily injury and $1,000,000 per occurrence and $2,000,000 general aggregate for property damage with thirty days written notice required for cancellation.

Certificate of Liability Insurance naming the Town as additional insured is required from all Event businesses, promoters, and other related event planners

An approved form of a Certificate of Liability Insurance may be required with your Application for approval by the Town Commission and/or shall be provided the Town at least 30 days prior to the Event date.

Talk to Town Staff representative if your Event proposes serving alcohol or having fireworks about insurance requirements, as both require additional insurance.

Do you and all parties involved have the required insurance coverage needed for this Event?
(YES) NO

EVENT CONDITIONS

Approval for this Event shall expire without future action of the Town if all documents such as but not limited to insurance certificates, health and liquor licenses, BSO police detail contract(s), Fire Marshall or Development Services approvals, MOT Plan, Solid Waste Plan, final Site Plan, any monies due to Town, and other material requirements are not submitted at least 30 days prior to the Event.

Copies of State and County licenses for all vendors and contractors shall be filed with the Town 30 days in advance of the Event. (Final list of vendors and their locations shall be submitted to the Town no later than two weeks prior to the even unless otherwise approved in advance by Town)

If the Event is approved by the Commission, they will establish the Event conditions that the application shall abide by during the Event. Standard Conditions shall include, but are not limited to the following:

1. Permission for this Event may be suspended or modified by the Commission, Town Manager or his designated Staff.
2. Turtle Clause: If any of the set-up will take place on the beach sand please avoid any marked sea turtle nests with a minimum buffer of 30 feet.
3. Setup of the Event will start at about 7:00AM and the area will be cleaned and open by 11:00 AM
4. The Police Chief shall specify the number of BSO detail officers needed for traffic and crowd control. The Applicants shall contract with BSO Detail Office for the detail BSO deputies within ten (10) days of receiving Event approval.

5. The Police Chief shall approve the Applicant's Maintenance of Traffic Plan (MOT), if one is required.
6. The Applicants shall submit a solid waste and recycling plan for approval at least 30 days prior to the Event to the Municipal Services Director. The Applicant shall provide additional waste receptacles and recycling bins. During the event as needed and at the end of the event, the Applicant shall empty all of the waste receptacles and recycling bins and pick up litter within the event site and 100 feet of the site.
7. All signage will be approved and permitted with Development Services at least 30 days prior to the event
8. All related Fire Marshall and Building Official's related requirements have been approved
9. Provide proof of additional restroom facilities ordered at least 30 days prior to event
10. The event and its approved sound systems shall be operated so as not to violate the Town's Code, including and especially Section 13-6, Noise Limitation. All music shall end promptly at _____ pm.
11. The event site shall be organized in a safe manner to protect attendees. All electric cords and similar material shall be covered so as to not pose a hazard to the public or event staff, or will be battery operated.
12. Parking Requirements have been identified, fees paid and listed on site plan
13. The Applicant shall provide a written notice to all properties affected by this event by (date), (30 days in advance) for approval prior to distribution; and confirm in writing which properties have been notified.
14. Clean up Deposit may be imposed, based on the final Site Plan, and due two weeks prior to the event.
15. Clean up fee starting at $150 will be charged if area is not cleaned to Town standards.
16. Final Site Plan must be presented for approval at least 48 hours in advance of the event.
17. Streets and sidewalks will be free of any debris and cleaned at the end of tear down.
18. A Damage Deposit may be imposed, based on size of event and location.
19. There will be no release of balloons at this Event.
20. Any inspections or work required by Town Staff after normal working hours will incur additional costs set forth by the respective department.
21. Upon showing by the Applicant of a valid reason, or if required by the Town, the Town Manager may approve minor logistical changes that are consistent with the Commission's policy direction on special Events.
22. The Applicant shall meet the following minimum insurance requirements per Ordinance 2015-06, which may be modified by action of the Town Commission for a specific Event:
    a) Prior to issuance of the requested permit, proof of commercial general liability insurance, whether through a single policy, or a combination of policies, in the amount of $1,000,000 per occurrence and $2,000,000 in the aggregate for bodily injury and property damage.
    b) No required policy shall have a deductible or self-insurance retention greater than $15,000.
    c) All policies must be issued by companies authorized to do business in the State of Florida and rated A- or better per Best's Key Rating Guide, latest edition. The certification of insurance shall provide for the Town to receive 30 days' written notice prior to any cancellation, non-renewal or material change in the coverage provided, unless the insurance company refuses to provide such notice, as evidenced by affidavit of the policy holder or written documentation from the insurance company. In any Event, the Applicants shall be held responsible for providing the Town notice of any change in insurance coverage. The Town shall be named as an additional insured on all required insurance policies, and an endorsement reflecting this requirement shall be issued as part of any required policies. The Applicants shall provide an original certificate of insurance as evidence of continued coverage prior to any annual renewal of the permit. Failure

to comply with these requirements shall justify a denial, suspension or revocation of the requested approval by the Town Manager or designee.

d) In the Event that control of any applicable Event or activity, by contract or other arrangement, becomes the responsibility of a party other than the Applicant (the "sub-applicant"), the sub-applicant shall provide insurance and indemnification meeting the requirements of this Section under which the Applicant is applying, as if they were the Applicant and shall be held responsible for compliance with the Town Code as if the sub-applicant were the Applicant.

e) If applicable, at least thirty (30) days prior to the first Event, the Applicants shall provide a Certificate of Liquor Liability Insurance written in comprehensive form naming the Town as additional insured in the amount of $1,000,000 per occurrence and $2,000,000 general aggregate for bodily injury and $1,000,000 per occurrence and $2,000,000 general aggregate for property damage, which provides coverage for each Event authorized by this permit. The Certificate shall specify that the Town will be given at least thirty (30) days written notice of any cancellation.

23. In the Event that insurance certificates, licenses and other material requirements are not provided by the required dates, the approval for this Event shall expire unless the Town Manager finds there are extenuating circumstances that the Event sponsors have cured or can immediately cure without compromising the health, welfare and safety of the citizens of the Town of Lauderdale-By-The-Sea and those attending the Event, without increasing the administration costs of the Town.

24. Applicant shall owe no monies to the Town at the time of the Event. There shall be no past due fines, moneys, fees, taxes or other charges owed to the Town by the current or past property owners or operators requesting the special Event permit. A special Event permit will not be issued until all past due debts to the Town are paid in full.

25. The Town Manager may suspend permission for this Event due to failure of the Applicants to comply with the terms and conditions of the Town's permit, due to conflicting activities, for health or safety issues, or for the best interests of the Town.

26. The onsite Town representative may terminate an Event due to the Applicant not complying with the terms and conditions of the Town's Event permit, for health or safety issues, and for such as but not limited to, crowds that exceed the capacity of the Event site.

INDEMNIFICATION

Applicant shall indemnify, defend and hold harmless the Town, its officers, agents and employees, from and against any and all claims, suits, actions, damages, liabilities, expenditures or causes of action of any kind arising directly or indirectly from this Special Event and resulting or accruing from any intentional act or any negligent act, omission or error of Applicant which in turn results in or relates to injuries to body, life, limb or property sustained in, about or upon the Special Event Area, and arising from the use of the Town property.

Applicant shall defend, at its sole cost and expense, any legal action, claim or proceeding instituted by any person against the Town as a result of any claim, suit or cause of action accruing or in any way arising out of this Special Event Application for injuries to body, life, limb or property as set forth above.

Applicant shall save the Town harmless from and against all judgments, orders, decrees, attorneys' fees, costs, expenses and liabilities incurred in and about any claim, and the investigation or defense of them, which maybe entered, incurred or assessed as result of the foregoing.

PERMISSION OF THE PROPERTY OWNER

Applicant's and Property Owner's Certification

An event held on property that is not owned by the applicant requires the permission of the property owner, which is granted by having the property owner sign this special event application.

By signing this event application, the petitioner agrees to all terms, conditions, and indemnification in this application, and understands that this application or the approval of this event application by the Town Commission does not grant any permission to violate any laws, ordinances or statutes.

Additions and/or revisions to this application must be submitted in writing.

Applicant		***Property Owner***
I understand the Town's requirements to hold a special event and the information provided in this application is complete to the best of my knowledge.		*I give the applicant permission to use my/our property for the proposed special event and I understand the Town's requirements to hold a special event and the information given by the applicant is complete to the best of my knowledge.*
Applicant's Signature (required): _____ Date _____		Property owner's Signature (required): _____ Date: _____
Applicant's (Print information below) Name: Title: Organization: Telephone: Mobile: Email:		Property Owner's (Print information below) Name: Title: Organization: Telephone: Mobile: Email:
STATE OF FLORIDA: COUNTY OF BROWARD:		STATE OF FLORIDA: COUNTY OF BROWARD:
SWORN TO AND SUBSCRIBED BEFORE ME, a Notary Public of the State of Florida, by_____ who is personally known to me/provided _____ as identification and who did/did not take an oath.		SWORN TO AND SUBSCRIBED BEFORE ME, a Notary Public of the State of Florida, by_____ who is personally known to me/provided _____ as identification and who did/did not take an oath.
My Commission Expires: _____ _____ Notary Public, State of Florida		My Commission Expires: _____ _____ Notary Public, State of Florida

SITE PLAN DETAILS

Site Plans often do not include the details that are necessary to approve an application or to issue a permit and delays are caused by rejections of initial applications.

The following details are intended to be a guide to assist you in developing a Site Plan. A current survey of the property is most helpful. If a survey is not available, a drawing depicting the area of the Event should include these details, as necessary. More than a one page Site Plan may be included in your application if details of specific areas are important to your Event.

*A detailed map of the Event site identifying location of each of the following **MUST** be drawn here or attached to this application prior to submission. Dimensions are required to determine if available site will support all of the proposed activities.*

Cooking Areas need to be separated from public areas with fences or barricades

Canopy, tents or other covers: locations should include the size, type, & (shelter, vending, food, EMS)

Location:

The site of the event, with streets, parks and other landmarks identified
Routes for races, parades, etc.
Traffic routing and road closures
Ticket Kiosks
Access control points
Signage *(shall be approved by Development Services prior to Application submission to Town Commission)*
Signs (location, size, color and wording)*

Public Services:

Fire lanes (emergency access for fire equipment and EMS)
Restroom facilities (incl. Portable & Private)
Locate electrical equipment, permanent and temporary (temporary electrical installation (must be to code and approved by Town)
Trash and Recycling receptacle locations
Smoking and No Smoking areas
Pedestrian walkways
Garbage Cans
Recycling Bins

Hazard/ Precautions:

Hazards at the site (ditches, construction areas, obstructions to pedestrian traffic, bodies of water)
Fencing, barriers, barricades, walls, gates, etc.
Gasoline, propane, grills, fire, charcoal, generators, any other flammable fuel
Fuel Storage and dispensing areas
Fire Extinguishers Minimum size 4A/10BC one every 75 ft. of travel. If cooking, Class K or 1 40BC rated Fire Extinguisher for every cooking station or canopy (at discretion of Fire Marshall)
Generators (shall be approved by Fire Marshall in advance)

Event:

Canopies, tents, stages (types shall be specified) locations for sales, food service, etc. *Large tents will require Fire Marshall approval of illuminated exit signs and fire extinguishers)*
Vendor locations (booths or tables and approximate size, (Vendor's company names phone numbers and email addresses required on separate page at least 48 hours in advance of the Event)
Restrooms – Portable and Private
First Aid facilities
Trailers, storage, sleeping facilities, service boxes, displays, etc.
Alcohol serving/consuming areas
Rides and Amusements, Rides, demonstrations, performance areas and stages including Musicians and Artists

Parking:

Parking areas, location, parking spaces, and parking space numbers that will be blocked;
to load/unload before, during or after the event and the amount of time for each occurrence

Code or Security Enforcement (paid by Event)

EMS stand-by or Fire watch areas (include first aid stations)
Police: Off duty police officers (if known)

DETAILED SITE PLAN

See above for inclusion examples

*A detailed map of the event site identifying location of each of the following **MUST** be drawn here or attached to this application prior to submission. Dimensions are required to determine if available site will support all of the proposed activities.*

See attached aerial map

10'x10' Canopy
8'x8' Canopy
2'x4' Directional Sign
2'x4' Directional sign
S El Prado Ave
N Ocean Dr
El Mar Dr
Millas By The Sea
Bungalows By The Sea
Oceanside Mist Suites

Applicant's Certification

By signing this event application, the petitioner agrees to all terms, conditions, and indemnification in this application, and understands that this application or the approval of this event application by the Town Commission does not grant any permission to violate any laws, ordinances or statutes.

Additions and/or revisions to this application shall be submitted in writing.

I understand the Town's requirements to hold a special event and the information provided in this application is complete to the best of my knowledge.

Kent G. Mezger — 11/13/2019

Applicant's Signature (required) — Date

Kent Mezger, Associate Pastor — 954-724-7400 ext 213

Applicant's Printed Name and Title/Organization — Telephone Number

STATE OF FLORIDA:
COUNTY OF BROWARD:

SWORN TO AND SUBSCRIBED BEFORE ME, a Notary Public of the State of Florida, by Kent Mezger who is personally known to me/provided _____ as identification and who did/did not take an oath.

Delhia E. Hayward

Notary Public, State of Florida
My Commission Expires:

Notary Public State of Florida
Delhia E Hayward
My Commission GG 298077
Expires 03/30/2023

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Tedra Allen
Submitting Department: Administration
Item Type: Consent
Agenda Section: CONSENT AGENDA

Subject Title:
Meeting Schedule (Tedra Allen, Town Clerk)

Explanation:
Code provides that the swearing in after the Town's municipal election happens on the day set forth by vote of the commission:

> **Sec.7-4. – Swearing in of elected Town officials**
> Candidates elected to Town office shall be sworn in and take office no later than 14 days after the election, **with the specific date to be determined by vote of the Town Commission.** (Ord. No. 2017-13, § 2, 11-14-201)

The Town's election is set for March 17th, which makes the deadline to swear in newly elected officials March 31st. The regularly scheduled Town commission meeting is scheduled for March 24th. The certified election results are not expected until March 27th. Moving the second meeting in March to March 31st assures that the official results of the elections will be available before that meeting.

Traditionally, the Town Commission has chosen to sign the Personal Code of Conduct at the beginning of each new term of office.

Recommendation:
Staff is recommending rescheduling the 2nd Regular Town Commission meeting to March 31, 2020 and swearing in the newly elected Mayor-Commissioner at the beginning of this meeting.

We can also provide the Personal Code of Conduct for signing at the beginning of that meeting for those starting new terms of office (Mayor-Commissioner, Commissioner Oldaker, and Commissioner Malkoon), if the Town Commission desires.

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Tedra Allen
Submitting Department: Administration
Item Type: Consent
Agenda Section: CONSENT AGENDA

Subject Title:
Town Seat on LBTS Chamber of Commerce (Tedra Allen, Town Clerk)

Explanation:
Town Manager Bill Vance has been invited to join the Lauderdale-By-The-Sea Chamber of Commerce Board of Directors in an ex-officio non-voting capacity. At the board meeting held in January, the Board voted unanimously to open a seat to the Town Manager as a representative of the Town. This has never been done in Chamber history. The Chamber feels this will enhance the already strong relationship between the Chamber and the Town.

The Board meets once a month (typically the 2nd or 3rd Wednesday).

Recommendation:
Commission consensus to consider appointing the Town Manager as a representative of the Town on the Lauderdale-By-The-Sea Chamber of Commerce Board of Directors in an ex-officio non-voting capacity.

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Ken Rubach
Submitting Department: Municipal Services
Item Type: Consent
Agenda Section: Consent

Subject Title: Canal Dredging Study (Ken Rubach, Municipal Services Director)

Explanation:
Staff was tasked with researching the last time that the canals in Town had been dredged. Although we were unable to find any records of such work being performed anecdotal evidence from staff suggests this has not been performed in well over two decades. In order to develop specifications for the dredging work that may need to be performed a study of the canals must be done in order to assess their depths as well as ascertain the composition of the canal floors.

The Town and The Chappell Group, Inc. ("Chappell") will enter in a professional services agreement to perform this study (EX 2). As part of the professional services agreement Chappell was requested to submit a Proposal to perform this Study. The scope of services includes the following tasks:

•Conduct benthic survey of the submerged bottoms to locate any benthic resources within the six (6) canals within the Town limits. All submerged portions of the existing canals will be traversed by divers equipped with scuba equipment.

• Conduct a bathymetric survey which consists of six (6) canals within the Town. Data will be collected along transects spaced at fifty-foot intervals to determine the seafloor conditions within each of the waterways described. Manual poled depths shall be collected at fifty-foot intervals along the bulkhead on each side of the canals to provide a full cross section of each canal.

This Work Authorization is exempt from competitive solicitation requirements as a professional service pursuant to Section IV.D. of the Town's Purchasing Manual. This Work Authorization is subject to the same terms and conditions of the Professional Services Agreement.

Recommendation: Approve Work Authorization with The Chappell Group to perform a Canal Dredging Study and authorize the Town Manager to execute the Work Authorization.

Attachments:
EX 1- Dredging Study Proposal
EX 2- Exhibit B Salary Costs
EX 3- Fee Schedule
EX 4- Professional Services Agreement

February 19, 2020

Mr. Ken Rubach
Municipal Services Director
Town of Lauderdale By The Sea
4501 N. Ocean Drive
Lauderdale By The Sea, FL 33308

RE: LBTS CANAL DREDGING PROJECT, BROWARD COUNTY
Due Diligence
TCG Proposal No. 2019.080rev1

Dear Mr. Rubach:

The Chappell Group, Inc. (TCG) is pleased to provide you (Client) with the following proposal for professional Environmental Services pertaining to the above referenced project site. If accepted, this proposal will become the agreement for the project (the "Agreement"):

I. ENVIRONMENTAL SERVICES

1.1 Benthic Survey (Task No. 1030)
Conduct benthic survey of the submerged bottoms to locate any benthic resources within the six (6) identified canals provided by the Client within the city limits. All submerged portions of the existing canals will be traversed by divers equipped with scuba equipment. Any benthic resources will be identified and locations provided on aerial maps in AutoCAD format. The benthic survey must be performed from June 1 – September 30 as required by regulatory agencies for permitting. Surveys conducted outside of the acknowledged seagrass growing season may be subject to agency review and verification at the start of the next growing season. Prepare summary report of findings.

Lump Sum……...……..$15,774.48

1.2 Meetings with Client (Task No. 1170)
Attend meetings (up to two (2) meetings) with Client as requested regarding findings of due diligence and dredging project.

Hourly, Not To Exceed.....$1,457.08

Reimbursables (Bathymetric Survey, Dive Boat, Dive Equipment Costs)……....$17,300.00

Initial for Acceptance _____ _____

714 East McNab Road. Pompano Beach, FL 33060 *tel*. 954.782.1908 *fax*. 954.782.1108 www.thechappellgroup.com

Scope of Services

The scope of services is limited by the specific terms of this proposal. Except as stated specifically herein, no other service will be provided except as "extra work" subject to the additional fees hereinafter set forth. In reviewing this proposal for professional services, it is agreed that the above proposal items and their corresponding fees do not necessarily represent the full scope of services required for the project. Rather, it represents TCG's best effort to set forth those services which TCG believes to be those requested by Client, and/or those we can determine to be needed to accomplish a particular objective. However, Client agrees that as a project progresses the scope of service as originally defined may change in content to include work not initially identified. Several factors will cause this to happen:

1. Better understanding of the project and the Client's goals as progress on the project is made.

2. Additional requirements identified by the Client.

3. New laws or governmental agency requirements.

As these influences occur and are identified, TCG will advise you of same and seek your direction as to how you wish to proceed.

Work required as a result of the above will be "extra work" outside of the original scope of services. Upon Client's direction, TCG will perform the EXTRA work under the "Hourly Fee Schedule" section of this proposal or TCG can provide Client with a separate proposal should the scope so indicate.

Hourly Fee Schedule

See attached Exhibit B for rates.

Lump Sum Fees

The Lump Sum Fees set forth above are applicable for a period of six (6) months from the date of this proposal. If the Agreement becomes effective, but the work on any item to which a lump sum fee shall apply is not commenced within said period due to no fault of TCG, TCG reserves the right to terminate this Agreement for convenience upon 30 days written notice to Client in part as it relates to said item.

Cost Estimates

In that TCG does not have control over the cost of labor and materials, or over competitive bidding and marketing conditions, the estimates of construction costs provided by TCG will be made on the basis of TCG's experience and qualifications, but TCG does not guarantee the accuracy of the estimates of probable cost as compared to the contractor's bids. TCG recommends that Client consult with the other professionals which you have employed in connection with the project.

Ownership of Documents

All documents including, but not limited to, drawings and specifications prepared in connection with the project constitute the work product or instrument of service of TCG to the project ("Instruments of Service"). Such Instruments of Service constitute a portion of the integral services provided by TCG, as such, remain the property of TCG and are not intended or represented to be suitable for reuse by you or others or for extensions of the project or in connection with any other project. TCG specifically disclaims any responsibility and/or liability for or in connection with the reuse of such Instruments of Service or any use thereof beyond the scope of the Project as set forth herein.

Initial for Acceptance _____ _____

All intellectual property rights, including copyrights, patents, patent disclosures and inventions (whether patentable or not), trademarks service marks, trade secrets, know-how and other confidential information, trade dress, trade names, logos, corporate names and domain names, together with all of the goodwill associated therewith, derivative works and all other rights (collectively, "Intellectual Property Rights") in and to all Instruments of Service and other materials that are delivered to Client under this project or prepared by or on behalf of TCG in the course of performing the Services shall be owned by TCG. TCG hereby grants Client a license to use all Intellectual Property Rights free of additional charge and on a non-exclusive and non-transferable basis but only to the extent necessary to for the work in this Agreement.

Permits and Approvals

The permits and agency approvals mentioned above are those known to TCG to be required for projects of this kind, and TCG will apply for them as indicated. However, our experience has shown us that agencies and regulatory authorities do not always communicate new regulations and legislation properly and that the enforcement of policies can vary. Client agrees and is therefore cautioned that additional permits or approvals other than those presently identified may be required. Should this arise, TCG will notify you and respond promptly to the requirement, but any additional cost will be the responsibility of Client.

Force Majeure

TCG shall not be liable or responsible to Client, nor be deemed to have defaulted or breached this Agreement, for any failure or delay in fulfilling or performing any term of this Agreement when and to the extent such failure or delay is caused by or results from acts or circumstances beyond the reasonable control of TCG including, without limitation, acts of God, flood, fire, earthquake, explosion, governmental actions, war, invasion or hostilities (whether war is declared or not), terrorist threats or acts, riot, or other civil unrest, national emergency, revolution, insurrection, epidemic, lock-outs, strikes or other labor disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials, or telecommunication breakdown or power outage, provided that, if the event in question continues for a continuous period in excess of thirty (30) days, Client shall be entitled to give notice in writing to Service Provider to terminate this Agreement.

Permit Fees; Application Fees; Outside Consultant Fees

The service fees set forth herein do not include the payment of governmental agency submittal fees, review fees or permit fees, or any other charges assessed by said agencies. Further, the service fees do not include the cost of services provided by others. These fees shall be paid for by Client. Should TCG find it absolutely necessary to advance fees for Client, said fees shall be reimbursed along with a service and handling fee upon receipt of the invoice for same.

Direct Charges

Unless otherwise specified, the above service fees do not include the following direct charges:

1. Blue prints, mylars, Xeroxing, Postage, Federal Express, photographic services for enlargements, reductions, etc.: At Cost plus 10% handling charge.

2. All travel expenses including airfare, lodging, car rental, and fuel expenses: At Cost plus 10% handling charge.

Initial for Acceptance _____ _____

714 East McNab Road. Pompano Beach, FL 33060 *tel*. 954.782.1908 *fax*. 954.782.1108 www.thechappellgroup.com

Client's Responsibilities

1. The Client shall provide full information regarding requirements for the project including a program, which shall set forth the design objectives, constraints and expendability, special equipment and systems and site requirements.

2. The Client shall furnish upon request by TCG the services of soil engineers or other consultants when such services are deemed necessary. Such services shall include, but are not limited to, Phase I Environmental Site Assessments, test borings, test pits, soil bearing values, percolation tests, air and water pollution tests, ground corrosion and resistivity tests, including necessary operations for determining subsoil, air and water conditions, with reports and appropriate professional recommendations.

3. The Client shall furnish upon request of TCG structural, mechanical, chemical and other laboratory tests, inspections and reports as required by law or the Contract Documents.

4. The Client shall furnish a Legal Description of the property and the appropriate Title Information.

5. The Client shall execute all permit applications. As "Permittee", or "applicant" or "holder", Owner shall be responsible for complying with the conditions of all permits issued. In particular, Client shall be responsible for the safety of the General Public during construction.

II. Acceptance

This proposal and fee schedules are based on acceptance within thirty (30) days of the date of preparation. If not accepted by Client within that time period, TCG reserves the right to re-evaluate the terms and conditions contained herein.

If the proposed work and fees contained herein are agreeable with Client, please sign the enclosed copy of this letter and return same to our office. Should you have any questions regarding the above, please do not hesitate to call.

Sincerely,

THE CHAPPELL GROUP, INC.

Sarah Chappell
President

ACCEPTANCE OF PROPOSAL: The above fees, terms, conditions, and specifications are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Initial for Acceptance _____ _____

714 East McNab Road. Pompano Beach, FL 33060 *tel*. 954.782.1908 *fax*. 954.782.1108 www.thechappellgroup.com

Payment will be made as outlined and the individual accepting this proposal will be personally liable for payment of services described in this proposal along with the Client

THIS PROPOSAL ACCEPTED BY:

_____
Name & Title (Printed) on behalf of the Client and Personally

_____
Firm Name (Printed)

_____
Signature

_____
Date

Please provide Account Payables Contact Information below:

Name:_____

Address:_____
_____
_____

Email: _____

Initial for Acceptance _____ _____

EXHIBIT "B"
The Chappell Group
SALARY COSTS

Project No:	
Project Title:	**Consultant Services**
Facility Name:	**Town of Lauderdale By the Sea Canal Dredging Project**
Prime	

FILL IN POSITIONS AS APPLICABLE

TITLE	RAW HOURLY SALARY ($/HR)	+	OVER-HEAD AT	+	FRINGE AT	+	PROFIT AT	=	RATE
Principal	$75.00		$95.28		$45.69		$21.60		$237.57
Project Manager	$46.00		$58.44		$28.02		$13.25		$145.71
Senior Project Biologist	$40.00		$50.82		$24.37		$11.52		$126.70
Project Biologist	$33.00		$41.92		$20.10		$9.50		$104.53
Certified Arborist	$32.00		$40.65		$19.49		$9.21		$101.36
Secretary	$19.00		$24.14		$11.57		$5.47		$60.18
			$0.00		$0.00		$0.00		$0.00

BASE/RAW SALARY	1.00
OVERHEAD ($/HR) = RAW SALARY X OVERHEAD %	1.27
FRINGE ($/HR) = RAW SALARY X FRINGE %	0.609
PROFIT ($/HR) = (RAW SALARY + OVERHEAD + FRINGE) X PROFIT %	0.100
ABOVE COMPUTATIONS RESULT IN AN OVERALL MULTIPLIER OF:	**3.17**

The Chappell Group, Inc.
714 East McNab Road
Pompano Beach, FL 33060
(954) 782-1908 FAX (954) 782-1108
TCG Project No.

Consultant Services -
For Town of Lauderdale By The Sea Canal Dredging Project

Description: **Environmental Services**

Consultant Name	The Chappell Group, Inc.													Total Staff Hours	Cost For Activity
Staff Role	Principal	Project Manager	Senior Proj Biologist	Certified Arborist	Project Biologist	Secretary									
Loaded Staff Hourly Rates	$237.57	$145.71	$126.70	$101.36	$104.53	$60.18									
Task Description															
Task 1: Benthic Surveys	24		30		60									114	$ 15,774.48
Task 2: Meetings	4		4											8	$ 1,457.08
															$ -
															$ -
															$ -
															$ -
Total Staff Hours	28		34		60									122	$ 17,231.56

TOTAL CONTRACT FEE COMPUTATION

Total Activity Salary Costs	$17,231.56
Re-imbursables - The Chappell Group, Inc.	$17,300.00
Bathymetric Survey. See attached exhibit.	$15,350.00
Dive Vessel- 3 days	$1,500.00
Dive Equipment - 3 days ($50.00 per person per day)	$450.00
	$34,531.56
	$34,531.56
	$34,531.56

Prepared By:	The Chappell Group, Inc.
Date:	June 11, 2019
Revised By:	The Chappell Group, Inc.
Date:	June 11, 2019

Town of Lauderdale-By-The-Sea

PROFESSIONAL SERVICES AGREEMENT

This Agreement for an Environmental Services Study for Canal Dredging ("Agreement"), made and entered into this ____ day of ____ 2020 ("Effective Date"), by and between the Town of Lauderdale-By-The-Sea, a Florida municipal corporation (the "Town") and The Chappell Group, Inc. (the "**Consultant**").

WHEREAS, the Town desires to contract with Consultant for the professional environmental services for the canal dredging project, and the Consultant desires to contract with the Town to provide the services.

NOW THEREFORE, in consideration of the mutual covenants set forth in this Agreement, the receipt and sufficiency of which is acknowledged, the parties agree as follows:

1. Services. Consultant, as an independent contractor, at its own cost and expense, shall perform the Services provided below:

1.1 The Consultant shall meet the requirements and perform the services described herein and as described in the Proposal, attached hereto and incorporated herein as **Exhibit A** ("Services").

Consultant shall provide all materials, tools, labor, appliances, machinery and appurtenances necessary to perform the Services. Consultant shall obtain and keep in effect for the term of this Agreement any special licenses and permits necessary for Consultant to provide the Services required hereunder.

1. Term. This Agreement shall commence on the Effective Date and shall continue until the successful completion of the Services outlined herein, unless terminated earlier as provided in Section 6 of this Agreement.

2. Compliance with Applicable Law. All work hereunder shall be performed in a professional manner and form as required by all applicable federal, state, and local rules, regulations, laws, codes, and ordinances and as may be further specified by Town. Consultant shall at all times protect Town's property from all damage and shall repair or replace any damaged property as required by Town.

3. Compensation. Compensation hereunder shall be paid to Consultant as provided in Consultant's Proposal, attached hereto as **Exhibit A**, in a total amount not to exceed $34,531.56. Consultant shall invoice the Town at the end of each month based on a proration of the work completed. The Town shall pay the Consultant within 30 days of receipt of an approved invoice.

4. Books and Records. Consultant shall keep, for the statutorily required period, accurate books and records with the supporting documents, statistical records, transactions and any other underlying documents supporting the services provided hereunder, and shall comply with Section 13. The Town shall have the right to audit the books and records of Consultant related to the services authorized herein upon reasonable notice provided to Consultant. Any incomplete or incorrect entry in such books and records shall be a basis for Town's disallowance and recovery of any payment to Consultant based upon such entry.

5. Indemnity. Consultant shall defend, indemnify, and hold harmless the Town, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising out of, related to, whether directly or indirectly, or any way connected with Consultant's performance or non-performance of any provision of this Agreement, including, but not limited to, liabilities arising from contracts between the Consultant and third parties for work or materials required under or related to this Agreement. Consultant shall reimburse the Town for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising out of, related to, whether directly or indirectly, or in any way connected with Consultant's performance or non-performance of this Agreement. The provisions of this section

shall survive termination of this Agreement. Nothing in this Agreement shall be deemed or treated as a waiver by the Town of any immunity to which it is entitled by law, including but not limited to the Town's sovereign immunity as set forth in Section 768.28, Florida Statutes.

6. Termination.

6.1 **Termination for convenience.** The Town may terminate this Agreement for convenience by giving Consultant 30 calendar days' written notice. In the event of such termination, Consultant shall be entitled to receive compensation for any Services provided pursuant to this Agreement and to the satisfaction of the Town, up through the date of termination. Under no circumstances shall the Town make payment for Services nor shall Consultant invoice the Town for Services not yet provided.

6.2 **Termination for cause.** This Agreement may be terminated by either party upon 5 calendar days' written notice to the other should such other party fail substantially to perform in accordance with this Agreement's material terms through no fault of the party initiating the termination. In the event that Consultant abandons this Agreement or causes it to be terminated by the Town, Consultant shall indemnify the Town against losses pertaining to this termination. In the event that this Contract is terminated by the Town for cause and it is subsequently determined by a court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a termination for convenience under Section 6.1 of this Agreement, and the provisions of Section 6.1 shall apply.

7. Notice. Any notices required by this Agreement shall be in writing and shall be deemed to have been properly given if transmitted by hand-delivery, by registered or certified mail with postage prepaid return receipt requested, or by a private postal service, addressed to the parties (or their successors) at the following addresses:

For the Town: Town Manager
Town of Lauderdale-By-The-Sea
4501 Ocean Drive
Lauderdale-By-The-Sea, Florida 33308

With a copy to: Town Attorney
Town of Lauderdale-By-The-Sea
4501 Ocean Drive
Lauderdale-By-The-Sea, FL 33308

For the Consultant: Sarah Chappell
The Chappell Group, Inc.
714 East McNab Road
Pompano Beach, FL 33060

8. Assignment and Changes. Consultant may not assign this Agreement. Any changes to this Agreement must be by written amendment, executed by the parties hereto.

9. Insurance. Consultant shall submit certificate(s) of insurance evidencing the required coverage and specifically providing that the Town is a named insured with respect to the required coverage. In the event the insurance certificate provided indicates that the insurance shall terminate and lapse during the term of this Agreement, then Consultant shall furnish, at least thirty (30) calendar days prior to expiration of the date of the insurance, a renewed certificate of insurance as proof that equal and like coverage and extension is in effect.

All insurance policies required of the Consultant shall be written by a company with a Best's rating of B+ or better and duly authorized and licensed to do business in the State of

Florida and be executed by duly licensed managers upon whom service of process may be made in Broward County, Florida. The Town may accept coverage carriers having lower Best's ratings upon review of financial information concerning Consultant and the insurance carrier.

Consultant shall maintain in full force and effect throughout the contract the following types and limitations of insurance coverage:

1. **Comprehensive General Liability Insurance** - $1,000,000 combined single limit of insurance per occurrence and $2,000,000 in the general aggregate for Bodily Injury and Property Damage and $1,000,000 general aggregate for Products/Completed Operations, Comprehensive General Liability insurance shall include endorsements for property damage; personal injury; contractual liability; completed operations; products liability and independent contractors' coverage.

2. **Workers' Compensation Insurance** – Statutory.

3. **Comprehensive Automobile Liability Insurance** - $1,000,000 combined single limit of insurance per occurrence for Bodily Injury and Property Damage; $1,000,000 Hired and Non-Owned Auto Liability.

4. **Professional Liability** –

10. Entire Agreement. This writing contains the entire Agreement of the parties and supersedes any prior oral or written representations. No representations were made or relied upon by either party, other than those that are expressly set forth herein.

11. Consultant Representations. Consultant represents the following: Consultant is properly authorized to do business in the State of Florida; the execution, delivery and performance of this Agreement by Consultant have been duly authorized; this Agreement is binding on Consultant and enforceable against Contactor in accordance with its terms; and no consent of any other person or entity to such execution, delivery and performance is required.

12. Independent Contractor. This Agreement does not create an employee/employer or joint venture relationship between the parties. Consultant has been procured and is being engaged to provide Services to the Town as an independent contractor, and not as an agent or employee of the Town. Accordingly, Consultant shall not attain nor be entitled to any rights or benefits of the Town, nor any rights generally afforded to classified or unclassified employees of the Town. Consultant further understands that Florida Workers' Compensation benefits available to employees of the Town are not available to Consultant and agrees to provide workers' compensation insurance for any employee or agent of Consultant rendering Services to the Town under this Agreement.

13. Chapter 119 (Public Records). The CONSULTANT shall comply with Chapter 119, Florida Statutes, as applicable, and shall comply with the following:

(a) CONSULTANT agrees to keep and maintain public records in CONSULTANT's possession or control in connection with CONSULTANT's performance under this Agreement. CONSULTANT additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. CONSULTANT shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the TOWN.

(b) Upon request from the TOWN's custodian of public records, CONSULTANT shall provide the TOWN with a copy of the requested records or allow the records to be inspected

or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

(c) Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the TOWN.

(d) Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the CONSULTANT shall be delivered by the CONSULTANT to the Town Manager, at no cost to the TOWN, within seven (7) days. All such records stored electronically by CONSULTANT shall be delivered to the Town in a format that is compatible with the TOWN's information technology systems. Once the public records have been delivered upon completion or termination of this Agreement, the CONSULTANT shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

(e) Any compensation due to CONSULTANT shall be withheld until all records are received as provided herein.

(f) IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT 954-640-4200, Tedraa@lauderdalebythesea-fl.gov, or by mail: Town Clerk, 4501 N. Ocean Drive, Lauderdale-By-The-Sea, FL 33308.

14. Scrutinized Companies
    a. Consultant certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Town may immediately terminate this Agreement at its sole option if the Consultant or its subcontractors are found to have submitted a false certification; or if the Consultant, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.
    b. If this Agreement is for more than one million dollars, the Consultant certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. Pursuant to Section 287.135, F.S., the Town may immediately terminate this Agreement at its sole option if the Consultant , its affiliates, or its subcontractors are found to have submitted a false certification; or if the Consultant, its affiliates, or its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.
    c. The Consultant agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under this Agreement.
    d. As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

15. Severability. Should any provision, paragraph, sentence, word, or phrase contained in this Agreement be determined by a court of competent jurisdiction to be invalid, illegal, or otherwise unenforceable under the laws of the State of Florida, such provision, paragraph, sentence, word, or phrase shall be deemed modified to the extent necessary in order to conform with such laws, and the remainder shall remain unmodified and in full force and effect.

16. Waiver of Jury Trial. The Town and Consultant **knowingly, irrevocably, voluntarily and intentionally waive any right either may have to a trial by jury in state and or federal court proceedings** in respect to any action, proceeding, lawsuit or counterclaim based upon this Agreement and/ arising out of, under, or in connection with the services performed hereunder, or any course of conduct, course of dealing, statements or actions or inactions of any party hereto.

17. Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any litigation arising out of this Agreement shall be proper exclusively in Broward County, Florida. If either the Town or Consultant is required to enforce the terms of this Agreement by court proceedings or otherwise, whether or not formal legal action is required, the prevailing party shall be entitled to recover from the other party all such costs and expenses, including, but not limited to, court costs, and reasonable attorneys' fees.

18. No Contingent Fees. Consultant warrants it has not employed or retained any company or person, other than a bona fide employee working solely for Consultant to solicit or secure this Agreement, and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for Consultant, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement.

19. Ethics.

a. Consultant warrants and represents that its employees shall abide by the Code of Ethics for Public Officers and Employees, Chapter 112, Florida Statutes.

b. No officer or employee of the Town, during his or her term of employment or for one year thereafter, shall have any interest, direct or indirect, in this contract or the proceeds thereof. Any subcontractors hired by the firm must also adhere to this policy and it must be included in their contracts as well.

c. No vendor shall give, solicit for, deliver or provide a campaign contribution directly or indirectly to a candidate, or to the campaign committee of a candidate, for the offices of Mayor or Commissioner.

d. Consultant covenants to promptly comply with all applicable federal, state, county, and municipal laws, ordinances, regulations, and rules relating to the Services to be performed hereunder and in effect at the time of performance. CONSULTANT covenants that it will conduct no activity or provide any service that is unlawful or offensive.

20. Contract Documents; Order of Priority

The Contract Documents referred to in this Agreement shall be comprised of the Agreement and Consultant's Proposal. In the event of a conflict between the Contract Documents, the order of priority shall be: this Agreement and then the Consultant's Proposal.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Town of Lauderdale-By-The-Sea

PROFESSIONAL SERVICES AGREEMENT

IN WITNESS WHEREOF the parties hereto have executed this Agreement on the day and date first above written.

TOWN:	CONSULTANT:
TOWN OF LAUDERDALE-BY-THE-SEA	
By: _____ William Vance, Town Manager	By: _____
By: _____ Lucila Lang, Finance Director	
Attest: _____ Tedra Allen, Town Clerk	
Approved as to Form and Legal Sufficiency:	
_____ Town Attorney Susan L. Trevarthen	

Agenda Item No: 12.a

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Tedra Allen
Submitting Department: Administration
Item Type: Discussion Item
Agenda Section: OLD BUSINESS

Subject Title:
Town Manager's Performance Evaluation (Tedra Allen, Town Clerk)

Explanation:

Recommendation:
N/A

Attachments:
TM Eval CoverPage.pdf

LBTS Team Accomplishments.pdf

Overall Evaluation Score.pdf

Evaluation Thank You.pdf

Vincent.pdf

Sokolow.pdf

Malkoon.pdf

Oldaker.pdf

Strauss.pdf

Agenda Item No: 12.a

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Tedra Allen
Submitting Department: Administration
Item Type: Discussion Item
Agenda Section: NEW BUSINESS

Subject Title:
Town Manager Performance Evaluation

Explanation:
The Town Manager's contract requires that a written performance evaluation be performed annually and that the Commission meet to discuss the results of the evaluation.

Attachments:

1. LBTS Team Accomplishments
2. Overall Evaluation Score
3. Evaluation Thank you
4. Mayor Chris Vincent’s evaluation of the Town Manager
5. Vice Mayor Sokolow’s evaluation of the Town Manager
6. Commissioner Malkoon’s evaluation of the Town Manager
7. Commissioner Oldaker’s evaluation of the Town Manager
8. Commissioner Strauss’s evaluation of the Town Manager

LBTS "Team Accomplishments" since 3/2019

- **Terra Mar Storm Water Improvement plans modified in close coordination with Terra Mar Residents and Broward County Storm water permitting personnel. Design efforts have since concluded and this project set to start using Town Contractors (State) in next 60-90 days provided Town Commission approvals received (in Feb/March).**

- **Palm Club Septic-to-Sewer Wastewater Improvements now under design with 50% public review meeting set for 1st week in April. LBTS Public Service Director, Town Manager and design engineers have met with Palm Club HOA and have established an informal steering committee including three interested Palm Club residents to routinely communicate any design updates prior to any construction activity.**

- **El Mar Request for Qualifications process provided LBTS Staff a total of six engineering/design firms formally expressing interest to rank. Town Engineer will soon present Town Staff's ranking committee's top-choice negotiation recommendation to Town Commission for consideration (in Feb/March).**

- **The successful construction of the Bougainvilla/Poinciana Parking Lot and Landscaping Improvements has been completed providing new parking capacity and safer transportation routes for vehicles traveling in that area.**

- **Installed much needed new phones, new IT server and computers, and new audio/video equipment to upgrade Jarvis website and LBTS cable access channel productions. U-verse next.**

- **2019/2020 budget Town Commission passed a budget that reduced managerial wages by 97k and also reduced total annual salary line item amounts (in 2020) by 4.5%. These savings offered competitive salary increases to rank & file and improved health and dental benefits.**

- **LBTS partnered in-kind with downtown business interests and Florida Power & Light to coordinate downtown electrical system improvements changing out old aluminum power lines with copper and smaller transformers with bigger transformers. Net result less previously predictable annual power outages experienced.**

- **Granicus website agenda management and webcasting agreement renegotiated to guarantee provision of those services to LBTS.**

- **Reducing number of loud music situations experienced downtown.**

- **Negotiated inter-local temporary hurricane debris storage agreements with both Pompano Beach and Ft. Lauderdale. Having such agreements in place qualifies LBTS for FEMA reimbursements.**

- **LBTS participated in stimulating the planning for Pompano Beach and Ft. Lauderdale Utility Leadership to work to reactivate a 16" A1A water-line through LBTS connecting these regional water systems.**

- **Moving forward with the creation of initial LBTS 5-year beach maintenance/re-nourishment plans throughout the remainder of 2020.**

- **To-date the installation of the new electrical services to sustain planned West Commercial parking lot lighting improvements has been initiated.**

- **Incorporated specialized landscaping services benefitting the sustained aesthetics along the main LBTS West Commercial Blvd. entrance. New benches and banners soon to be added to this area.**

- **Established a Town employee safety committee which meets on monthly basis and generates and incorporates safety improvements and practices that enhance the professional quality of life that LBTS employees experience while working here.**

- **Currently revising job descriptions documenting present day job responsibilities of all Town employees coming forward for Town Commission consideration in March. This process will also create multiple new job titles associated with some department heads assuming additional roles that include IT and regional Transit.**

- **Initiated contracted review of 2015 parking study to allow Parking Consultant to work with Town Manager, Finance Director, Town Parking Staff to project values of new potential parking locations.**

- **Successful and pro-active preparation for Hurricane Dorian.**

- **Initiated Facility Needs Assessment Study to predict square footage requirements for BSO and VFD facilities in LBTS.**

- **2020 Town events enjoyed by many. Staff coordination and operational support of activities exceptional.**

Detailed Scores

	Factor 1: Relations with Governing Body, Providing Information	Mayor Vincent	Vice-Mayor Sokolow	Commissioner Oldaker	Commissoner Malkoon	Commissioner Strauss
	1.1	4	5	5	4	5
	1.2	5	5	5	5	4
	1.3	4	5	5	4	4
	1.4	3	5	5	5	5
	1.5	3	5	5	4	5
	1.6	4	5	4	4	5
	1.7	2	5	4	3	5
	1.8	3	5	4	3	5
	1.9	3	5	4	4	5
Factor 1 Weighting /Average	**0.10**	**3.44**	**5.00**	**4.56**	**4.00**	**4.78**
	Factor 2: Fiscal Management	**Mayor Vincent**	**Vice-Mayor Sokolow**	**Commissioner Oldaker**	**Commissoner Malkoon**	**Commissioner Strauss**
	2.1	2	5	3	2	5
	2.2	2	5	4	2	5
	2.3	4	5	3	4	5
	2.4	4	5	5	4	5
	2.5	3		4	2	5
Factor 2 Weighting /Average	**0.10**	**3.00**	**5.00**	**3.80**	**2.80**	**5.00**
	Factor 3: Personnel Management	**Mayor Vincent**	**Vice-Mayor Sokolow**	**Commissioner Oldaker**	**Commissoner Malkoon**	**Commissioner Strauss**
	3.1	3	5	5	3	5
	3.2	3	5	5	2	5
	3.3	5	5	5	4	5
	3.4	4		5		4
	3.5	3	5	5	3	5
	3.6	4	5	5	3	5
Factor 3 Weighting /Average	**0.10**	**3.67**	**5.00**	**5.00**	**3.00**	**4.83**
	Factor 4: Managing the Organization	**Mayor Vincent**	**Vice-Mayor Sokolow**	**Commissioner Oldaker**	**Commissoner Malkoon**	**Commissioner Strauss**
	4.1	3	5	4	2	5
	4.2	3	5	5	3	5
	4.3	3	5	5	2	5
	4.4	4	4	5	3	5
	4.5	3	5	5	2	5
	4.6	4	5	5	4	5
	4.7	3	5	5	3	5
	4.8	5		5	4	5
	4.9	3	5	5	3	5
Factor 4 Weighting /Average	**0.10**	**3.44**	**4.88**	**4.89**	**2.89**	**5.00**
	Factor 5: Relations with the Public/Other Gov'ts	**Mayor Vincent**	**Vice-Mayor Sokolow**	**Commissioner Oldaker**	**Commissoner Malkoon**	**Commissioner Strauss**
	5.1	3	5	5	2	5
	5.2	3	5	3	3	5
	5.3	3	5	5	2	5
	5.4	4	5	4	4	5
	5.5	4	5	5	3	5
Factor 5 Weighting /Average	**0.10**	**3.40**	**5.00**	**4.40**	**2.80**	**5.00**
	Factor 6: Achievement of Stated Goals	**Mayor Vincent**	**Vice-Mayor Sokolow**	**Commissioner Oldaker**	**Commissoner Malkoon**	**Commissioner Strauss**
	6.1	3	5	4	4	5
Factor 6 Weighting /Average	**0.5**	**3.00**	**5.00**	**4.00**	**4.00**	**5.00**

Weighted Scores

Factor 1	0.34	0.50	0.46	0.40	0.48
Factor 2	0.30	0.50	0.38	0.28	0.50
Factor 3	0.37	0.50	0.50	0.30	0.48
Factor 4	0.34	0.49	0.49	0.29	0.50
Factor 5	0.34	0.50	0.44	0.28	0.50
Factor 6	1.50	2.50	2.00	2.00	2.50
Weighted Average	**3.19**	**4.99**	**4.27**	**3.55**	**4.96**
Overall Average		**4.19**			

Town of Lauderdale-by-the-Sea

OFFICE OF THE TOWN MANAGER

Memorandum

DATE: February 11, 2020

TO: Mayor Chris Vincent, Vice Mayor Elliot Sokolow, Commissioner Oldaker, Commissioner Strauss, Commissioner Malkoon

FROM: Bill Vance, Town Manager

SUBJECT: Evaluation Thank You From Bill Vance

Mayor and LBTS Town Commission – This year I received my International City Manager's Association (ICMA) plaque recognizing my career as an ICMA credentialed manager in good standing for the last 25 years. This month the LBTS Town Commission rated my professional performance (since my arrival March 18, 2019) at 4.19 rating on a 5-point scale. Ultimately, however the success of any local government manager is based upon their Team's success, individually, and collectively.

Over the last 10 months, our Town Commission and Staff have initiated the efforts necessary to design and construct approximately 9 million dollars in stormwater (Terra Mar), septic to sewer (Palm Club), and transportation (El Mar) improvements throughout 2020 and 2021.

Our LBTS Team mindset is geared towards finding responsible ways to say YES as opposed to favoring bureaucratic NOs. LBTS employee safety and the provision of fantastic customer service remain the highest LBTS priorities. LBTS went from being management heavy to now being stream-lined and using previous management salaries to provide more competitive salaries and better health and dental insurance benefits to the-rank-and-file.

TM decision-making is heavily influenced by Department Heads during weekly development, code enforcement, finance, engineering and HR Team meetings. Drama and negativity are not permitted in the workplace and LBTS employees enjoy their professional achievements, which benefit our community every day.

Your Town Manager expects successful people to be successful and I am blessed to be in the position to sustain LBTS Town Commission policies that guarantee our Town employees the professional respect, support, guidance, and resources they need to ensure LBTS' continual improvement.

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Evaluator Name: Chris Vincent

Title: Mayor

Definition of Performance Ratings	
5 – Exceeds	*2 – Needs Improvement*
4 – More than satisfactory	*1 – Far below expectations*
3 – Satisfactory	*N/A – Not applicable or too soon to rate.*

Factor 1: Relations with Governing Body, Providing Information (10% of Evaluation Points)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.1 Keeps the Commission informed in an appropriate and timely manner about matters critical to the Commission's policy making role?	*4*	
1.2 Provides information on an equal basis to all Commission members?	*5*	
1.3 Anticipates and follows up promptly on Commission requests for information or action without having to be reminded?	*4*	
1.4 Available to the Commission on official business either personally or through designated subordinates?	*3*	
1.5 Reports departmental and staff activities to the Commission in an appropriate and timely manner?	*3*	***Minimal communication***
1.6 Advises the commission of relevant legislation and developments in the area of public policy affecting the Town of Lauderdale-By-The-Sea?	*4*	
1.7 Has a comprehensive understanding of the problems and issues existing in the Town of Lauderdale-By-The-Sea?	*2*	***Responds to quick on sensitive issues. Should consult with commission for feedback prior to commenting.***

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Factor 1: Relations with Governing Body, Providing Information (10% of Evaluation Points)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.8 Considers all viable alternatives before making recommendations to the Commission?	*3*	***Not informative enough on recommendations.***
1.9 Anticipates, plans, and prioritizes future needs and programs recognizing the potential problems confronting the Town?	*3*	***Still adjusting to the understanding of our Town and its needs.***
Average Score for Topic *(will be calculated by Town Clerk)*	3.44	
Weighted Score *(=Average Score x 10)*		

Factor 2: Fiscal Management (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
2.1 Develops and administers a process of budget preparation and review that meets the requirements of the Town Charter, and expectations of the Commission?	*2*	
2.2 Controls operational and capital costs through adequate budgetary and financial controls and the judicious/economical utilization of manpower, material and equipment?	*2*	
2.3 Provides the Commission with timely and sufficient reports on the financial status of the Town government in accordance with the Charter and requirements of the Commission?	*4*	
2.4 Applies for grants and administers grants received effectively?	*4*	***Has a good understanding of the process.***
2.5 Recommends ways to save money or increase efficiency in delivery of Town Services?	*3*	***Needs more time to quantify and understand where and how to spend.***
Average Score for Topic *(will be calculated by Town Clerk)*	3.00	
Weighted Score *(=Average Score x 10)*		

Factor 3: Personnel Management (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***

Evaluation Period: March 1, 2019 to February 10, 2020

3.1 Makes sound personnel selection decisions and policies?	*3*	
3.2 Motivates personnel through leadership and training so that they are effective in the performance of their duties, in achieving common goals and objectives.	*3*	
3.3 Nurtures an attitude of courtesy, helpfulness and sensitivity to the public among Town employees?	*5*	
3.4 Takes disciplinary action when appropriate?	*4*	
3.5 Emphasizes exemplary performance?	*3*	
3.6 Treats all Town Personnel in a fair and equitable manner?	*4*	
Average Score for Topic *(will be calculated by Town Clerk)*	3.67	
Weighted Score *(=Average Score x 10)*		

Factor 4: Managing The Organization (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.1 Executes the policies adopted by the Commission in a timely and appropriate fashion?	*3*	
4.2 Plans and executes organizational priorities in a manner reflective of the Town's stated mission and goals, and satisfactory to the Commission?	*3*	
4.3 Analyzes organizational problems or issues and identify causes, reasons, implications, and solutions employing all available technologies, systems and methods?	*3*	
4.4 Executes the short and long-term goals and objectives set forth in the Town's Mission Statement in a timely and effective manner?	*4*	
4.5 Communicates effective, clearly, easily and to the point?	*3*	
4.6 Demonstrates sensitivity to the opinions and concerns of others in and outside the organization?	*4*	
4.7 Emphasizes the importance of teamwork and leadership in his/her relationship with the organization, and provide a role model for personnel?	*3*	

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Factor 4: Managing The Organization (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.8 Accepts new ideas and suggestions for change?	*5*	***Has an open mind for creative ideas.***
4.9 Adapts to and deals effectively with unanticipated conditions and situations?	*3*	
Average Score for Topic *(will be calculated by Town Clerk)*	3.44	
Weighted Score *(=Average Score x 10)*		

Factor 5: Relations with the Public/Other Gov'ts (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
5.1 Handles disputes or complaints involving citizens in an effective, equitable, and timely manner?	*3*	
5.2 Makes him/herself available and visible to the citizens of the Town in an appropriate manner?	*3*	
5.3 Presents Commission policies and positions on issues to the citizens and Town organization accurately, equitable, and effectively?	*3*	
5.4 Directs public credit to the Commission in its role as the governing body?	*4*	
5.5 Deals effectively with other government agencies at all levels in representing the Town of Lauderdale-By-The-Sea?	*4*	
Average Score for Topic *(will be calculated by Town Clerk)*	3.40	
Weighted Score *(=Average Score x 10)*		

Factor 6: Achievement of Stated Goals (50% of overall score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
6.1 Achievement of Stated Goals	*3*	
Average Score for Topic *(will be calculated by Town Clerk)*	300	
Weighted Score *(=Average Score x 50)*		

Evaluation Period: March 1, 2019 to February 10, 2020

List any other issues or achievements you feel should be noted:

The most important process of managing a town like Lauderdale-By-The-Sea, is to know and understand its past and current culture. There is a sense of pride we all have as residents and participants and why we live here.

Our policies are to be adhered to and followed.

The town managers review process is one of those policies. It allows the commission to comment and summarize their performance so that we can address the issues and or achievements of the past year.

- There seems to be a consensus by staff of either too much managing or not any managing at all.
- Staff at times, has not been able to perform their job due to over involvement of the TM and his opinion of how it should be done.
- TM should be using the resources of our well-trained departments to his advantage.
- Any questions from the commission or residents to obtain information from department heads or staff is asked to be redirected through TM.
- TM's report at commission meetings need to be more concise and informative when addressing key issues.
- TM should always maintain professional and appropriate attire while in town hall.

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

The Summary will be calculated by the Town Clerk and be returned to Commissioner for final approval of the evaluation)

Summary

FACTOR 1:	Relations with Commission	.34
FACTOR 2:	Fiscal Management	.30
FACTOR 3:	Personnel Management	.37
FACTOR 4:	Management of Organization	.34
FACTOR 5:	Relations with the Public	.34
FACOTR 6:	Goals Achievement	1.50

OVERALL WEIGHTED RATING: 3.19

Evaluator's Signature:_____

Date: _____/_____/2018

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Evaluator Name: Elliot Sokolow

Title: Vice Mayor

Definition of Performance Ratings	
***5** – Exceeds*	***2** – Needs Improvement*
***4** – More than satisfactory*	***1** – Far below expectations*
***3** – Satisfactory*	***N/A** – Not applicable or too soon to rate.*

Factor 1: Relations with Governing Body, Providing Information (10% of Evaluation Points)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.1 Keeps the Commission informed in an appropriate and timely manner about matters critical to the Commission's policy making role?	***5***	***Multiple daily texts and emails***
1.2 Provides information on an equal basis to all Commission members?	***5***	
1.3 Anticipates and follows up promptly on Commission requests for information or action without having to be reminded?	***5***	
1.4 Available to the Commission on official business either personally or through designated subordinates?	***5***	
1.5 Reports departmental and staff activities to the Commission in an appropriate and timely manner?	***5***	
1.6 Advises the commission of relevant legislation and developments in the area of public policy affecting the Town of Lauderdale-By-The-Sea?	***5***	
1.7 Has a comprehensive understanding of the problems and issues existing in the Town of Lauderdale-By-The-Sea?	***5***	
1.8 Considers all viable alternatives before making recommendations to the Commission?	***5***	

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Factor 1: Relations with Governing Body, Providing Information (10% of Evaluation Points)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.9 Anticipates, plans, and prioritizes future needs and programs recognizing the potential problems confronting the Town?	***5***	
Average Score for Topic (*will be calculated by Town Clerk)*	***5.00***	
Weighted Score *(=Average Score x 10)*		

Factor 2: Fiscal Management (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
2.1 Develops and administers a process of budget preparation and review that meets the requirements of the Town Charter, and expectations of the Commission?	***5***	
2.2 Controls operational and capital costs through adequate budgetary and financial controls and the judicious/economical utilization of manpower, material and equipment?	***5***	
2.3 Provides the Commission with timely and sufficient reports on the financial status of the Town government in accordance with the Charter and requirements of the Commission?	***5***	***Delegates well to staff***
2.4 Applies for grants and administers grants received effectively?	***5***	***Follows judiciously for limited opportunities available***
2.5 Recommends ways to save money or increase efficiency in delivery of Town Services?	***N/A***	
Average Score for Topic (*will be calculated by Town Clerk)*	***5.00***	
Weighted Score *(=Average Score x 10)*		

Factor 3: Personnel Management (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
3.1 Makes sound personnel selection decisions and policies?4.	***5***	***New finance and other personnel are excellent***

Evaluation Period: March 1, 2019 to February 10, 2020

3.2 Motivates personnel through leadership and training so that they are effective in the performance of their duties, in achieving common goals and objectives.	***5***	***Staff seems to be pleased***
3.3 Nurtures an attitude of courtesy, helpfulness and sensitivity to the public among Town employees?	***5***	***Much improved over prior management***
3.4 Takes disciplinary action when appropriate?	***N/A***	***Insufficient data***
3.5 Emphasizes exemplary performance?	***5***	
3.6 Treats all Town Personnel in a fair and equitable manner?	***5***	***Appears to***
Average Score for Topic *(will be calculated by Town Clerk)*	***5.00***	
Weighted Score *(=Average Score x 10)*		

Factor 4: Managing The Organization (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.1 Executes the policies adopted by the Commission in a timely and appropriate fashion?	***5***	
4.2 Plans and executes organizational priorities in a manner reflective of the Town's stated mission and goals, and satisfactory to the Commission?	***5***	
4.3 Analyzes organizational problems or issues and identify causes, reasons, implications, and solutions employing all available technologies, systems and methods?	***5***	
4.4 Executes the short and long-term goals and objectives set forth in the Town's Mission Statement in a timely and effective manner?	***4***	***Work in progress after a year***
4.5 Communicates effective, clearly, easily and to the point?	***5***	***Despite occasional complaints from others, I believe he does.***
4.6 Demonstrates sensitivity to the opinions and concerns of others in and outside the organization?	***5***	
4.7 Emphasizes the importance of teamwork and leadership in his/her relationship with the organization, and provide a role model for personnel?	***5***	***A+ for this one***
4.8 Accepts new ideas and suggestions for change?	***N/A***	Click here to enter text.

Evaluation Period: March 1, 2019 to February 10, 2020

Factor 4: Managing The Organization (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.9 Adapts to and deals effectively with unanticipated conditions and situations?	***5***	
Average Score for Topic (*will be calculated by Town Clerk)*	***4.88***	
Weighted Score *(=Average Score x 10)*		

Factor 5: Relations with the Public/Other Gov'ts (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
5.1 Handles disputes or complaints involving citizens in an effective, equitable, and timely manner?	***5***	
5.2 Makes him/herself available and visible to the citizens of the Town in an appropriate manner?	***5***	
5.3 Presents Commission policies and positions on issues to the citizens and Town organization accurately, equitable, and effectively?	***5***	***Citizens occasionally don't understand the big picture***
5.4 Directs public credit to the Commission in its role as the governing body?	***5***	
5.5 Deals effectively with other government agencies at all levels in representing the Town of Lauderdale-By-The-Sea?	***5***	
Average Score for Topic (*will be calculated by Town Clerk)*	***5.00***	
Weighted Score *(=Average Score x 10)*		

Factor 6: Achievement of Stated Goals (50% of overall score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
6.1 Achievement of Stated Goals	***5***	***So far, so good.***
Average Score for Topic (*will be calculated by Town Clerk)*	***5.00***	
Weighted Score *(=Average Score x 50)*		

Evaluation Period: March 1, 2019 to February 10, 2020

List any other issues or achievements you feel should be noted:

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

The Summary will be calculated by the Town Clerk and be returned to Commissioner for final approval of the evaluation)

Summary

FACTOR 1:	Relations with Commission	_.50__
FACTOR 2:	Fiscal Management	_.50__
FACTOR 3:	Personnel Management	_.50__
FACTOR 4:	Management of Organization	_.49__
FACTOR 5:	Relations with the Public	_.50__
FACOTR 6:	Goals Achievement	_2.50__

OVERALL WEIGHTED RATING: **4.99_**

Evaluator's Signature: Elliot Sokolow

Date: 02 07 2020

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Evaluator Name: Edmund Malkoon

Title: Commissioner

Definition of Performance Ratings	
5 – Exceeds	*2 – Needs Improvement*
4 – More than satisfactory	*1 – Far below expectations*
3 – Satisfactory	*N/A – Not applicable or too soon to rate.*

Factor 1: Relations with Governing Body, Providing Information (10% of Evaluation Points)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.1 Keeps the Commission informed in an appropriate and timely manner about matters critical to the Commission's policy making role?	*4*	***Regular Communications provided primarily via email as well as Text Messaging. Meeting backup material should include more background info.***
1.2 Provides information on an equal basis to all Commission members?	*5*	***All Are always copied***
1.3 Anticipates and follows up promptly on Commission requests for information or action without having to be reminded?	*4*	
1.4 Available to the Commission on official business either personally or through designated subordinates?	*5*	***Always expresses his willingness to have us call /meet with him***
1.5 Reports departmental and staff activities to the Commission in an appropriate and timely manner?	*4*	
1.6 Advises the commission of relevant legislation and developments in the area of public policy affecting the Town of Lauderdale-By-The-Sea?	*4*	
1.7 Has a comprehensive understanding of the problems and issues existing in the Town of Lauderdale-By-The-Sea?	*3*	***I feel more background knowledge of past issues/action should be better understood before acting.***

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Factor 1: Relations with Governing Body, Providing Information (10% of Evaluation Points)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.8 Considers all viable alternatives before making recommendations to the Commission?	*3*	
1.9 Anticipates, plans, and prioritizes future needs and programs recognizing the potential problems confronting the Town?	*4*	
Average Score for Topic *(will be calculated by Town Clerk)*	4.00	
Weighted Score *(=Average Score x 10)*		

Factor 2: Fiscal Management (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
2.1 Develops and administers a process of budget preparation and review that meets the requirements of the Town Charter, and expectations of the Commission?	*2*	***Given the first budget I feel it could be improved upon. Both in presentation and use of advisory committee.***
2.2 Controls operational and capital costs through adequate budgetary and financial controls and the judicious/economical utilization of manpower, material and equipment?	*2*	***Purchasing Manual should be followed unless emergencies dictate.***
2.3 Provides the Commission with timely and sufficient reports on the financial status of the Town government in accordance with the Charter and requirements of the Commission?	*4*	
2.4 Applies for grants and administers grants received effectively?	*4*	***Actively seeking grants and funding for capital expenses like sewers and the visitor center.***
2.5 Recommends ways to save money or increase efficiency in delivery of Town Services?	*2*	
Average Score for Topic *(will be calculated by Town Clerk)*	2.80	
Weighted Score *(=Average Score x 10)*		

Factor 3: Personnel Management (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

3.1 Makes sound personnel selection decisions and policies?	*3*	
3.2 Motivates personnel through leadership and training so that they are effective in the performance of their duties, in achieving common goals and objectives.	*2*	***I feel department heads should better consulted first or directed to prior to reacting.***
3.3 Nurtures an attitude of courtesy, helpfulness and sensitivity to the public among Town employees?	*4*	***Always a willingness to help***
3.4 Takes disciplinary action when appropriate?	*N/A*	
3.5 Emphasizes exemplary performance?	*3*	
3.6 Treats all Town Personnel in a fair and equitable manner?	*3*	
Average Score for Topic *(will be calculated by Town Clerk)*	3.00	
Weighted Score *(=Average Score x 10)*		

Factor 4: Managing The Organization (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.1 Executes the policies adopted by the Commission in a timely and appropriate fashion?	*2*	***A running list would be helpful. Votes have occurred and dates missed on items to come back***
4.2 Plans and executes organizational priorities in a manner reflective of the Town's stated mission and goals, and satisfactory to the Commission?	*3*	
4.3 Analyzes organizational problems or issues and identify causes, reasons, implications, and solutions employing all available technologies, systems and methods?	*2*	***I feel more thought should go into decision making. While acting swift is good it also good to understand all the options/opinions.***
4.4 Executes the short and long-term goals and objectives set forth in the Town's Mission Statement in a timely and effective manner?	*3*	
4.5 Communicates effective, clearly, easily and to the point?	*2*	
4.6 Demonstrates sensitivity to the opinions and concerns of others in and outside the organization?	*4*	
4.7 Emphasizes the importance of teamwork and leadership in his/her relationship with the organization, and provide a role model for personnel?	*3*	

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Factor 4: Managing The Organization (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.8 Accepts new ideas and suggestions for change?	*4*	
4.9 Adapts to and deals effectively with unanticipated conditions and situations?	*3*	
Average Score for Topic *(will be calculated by Town Clerk)*	2.89	
Weighted Score *(=Average Score x 10)*		

Factor 5: Relations with the Public/Other Gov'ts (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
5.1 Handles disputes or complaints involving citizens in an effective, equitable, and timely manner?	*2*	***Always offers to meet and help. On a couple occasions misinformation was provided to residents that could have been handled quicker by department heads without waiting on a meeting in in some cases rescheduled.***
5.2 Makes him/herself available and visible to the citizens of the Town in an appropriate manner?	*3*	***Makes himself available. Osha standards should be followed by all i.e. proper shoes etc.***
5.3 Presents Commission policies and positions on issues to the citizens and Town organization accurately, equitable, and effectively?	*2*	***Efforts are made but, on several occasions, misinformation was provided resulting in confusion/residents or businesses being upset***
5.4 Directs public credit to the Commission in its role as the governing body?	*4*	
5.5 Deals effectively with other government agencies at all levels in representing the Town of Lauderdale-By-The-Sea?	*3*	***Always friendly to other elected officials/agencies. A more formal/business like communication style may work better.***
Average Score for Topic *(will be calculated by Town Clerk)*	2.80	
Weighted Score *(=Average Score x 10)*		

Factor 6: Achievement of Stated Goals (50% of overall score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

6.1 Achievement of Stated Goals	*4*	
Average Score for Topic *(will be calculated by Town Clerk)*	4.	
Weighted Score *(=Average Score x 50)*	4 00	

List any other issues or achievements you feel should be noted:

I believe reviews are important to understand, constructively, some of the things we see or hear. This only being the first year, I see a good possibility of improvement in year 2.

I would like to see better attention to utilizing staff expertise. When a resident comes with an issue its better to refer them to the appropriate department /head. I have heard of requesting to meet with people only for them to wait a week and have it rescheduled. In some instances, a simple call or visit from someone could have had that issue answered much faster. Likewise utilizing staff opinion on issues to gain a better understanding of why we got somewhere is important. I have heard of meetings where staff were not included, and misinformation was provided. That said, regular office hours should be maintained …while it's good to be available by phone a regular presence is more important.

Code:

I believe they should be evenly and fairly followed and not randomly applied. The states this is a duty of the Town Manager. I think enabling code to do their job would better serve the Town and its residents.

Honoring purchasing manual and HR reviews:

It came to my understand that the purchasing manual has not always been honored in relation to bids etc. We need to ensure we are mindful of taxpayer money. Also,

I would like a stronger HR where Annual reviews and merit increase policy are reinstated for staff. The last budget increased salaries without this and my understanding is that would be the policy in the next budget.

Lastly, I hope the Town Manager will consider including more complete backup regarding the history on issues (not advise staff to edit for the purpose of making it short). It is important to know how we got to that point and aids in helping to educate the residents and even the commission.

I know it's a challenge coming into a new Town. I appreciate the opportunity to suggest ways in which I would like to see improvement in this next year.

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

The Summary will be calculated by the Town Clerk and be returned to Commissioner for final approval of the evaluation)

Summary

FACTOR 1:	Relations with Commission	.40
FACTOR 2:	Fiscal Management	.28
FACTOR 3:	Personnel Management	.30
FACTOR 4:	Management of Organization	.29
FACTOR 5:	Relations with the Public	.28
FACOTR 6:	Goals Achievement	2.00

OVERALL WEIGHTED RATING: 3.55

Evaluator's Signature: _____

Date: _____/_____/2018

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 18, 2019 to February 11, 2020

Evaluator Name: ***Buz Oldaker***
Title: ***Commissioner***

Definition of Performance Ratings

1 – Far below expectations	***2 – Needs Improvement***
3 – Satisfactory	***4 – More than satisfactory***
5 – Exceeds	***N/A – Not applicable or too soon to rate.***

Factor 1: Relations with Governing Body, Providing Information ***(10% of Evaluation Points)***	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.1 Keep the Commission informed in an appropriate and timely manner about matters critical to the Commission's policy making role?	***5***	
1.2 Provide information on an equal basis to all Commission members?	***5***	
1.3 Anticipate and follow up promptly on Commission requests for information or action without having to be reminded?	***5***	
1.4 Available to the Commission on official business either personally or through designated subordinates?	***5***	
1.5 Report departmental and staff activities to the Commission in an appropriate and timely manner?	***5***	
1.6 Advise the commission of relevant legislation and developments in the area of public policy affecting the Town of Lauderdale-By-The-Sea?	***4***	
1.7 Has a comprehensive understanding of the problems and issues existing in the Town of Lauderdale-By-The-Sea?	***4***	***First year takes time to get up to speed. TM has done a good job learning in the first year.***

1.8 Consider all available alternatives before making recommendations to the Commission?	*4*	
1.9 Anticipate, plan, and prioritize future needs and programs recognizing the potential problems confronting the Town?	*4*	***At times, too many issues are addressed personally by TM at the same time causing clarity issues as to priorities.***
Average Score for Topic *(will be calculated by Town Clerk)*	4.56	
Weighted Score *(=Average Score x 10)*		

Factor 2: Fiscal Management ***(10% of Overall Score)***	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
2.1 Develops and administers a process of budget preparation and review which meets the requirements of the Town Charter, and expectations of the Commission in its decision-making role?	*3*	***First year budget prep was less than expected and not presented as well as prior years. Anticipate this year to be better.***
2.2 Controls operational and capital costs through adequate budgetary and financial controls and the judicious/economical utilization of manpower, material and equipment?	*4*	
2.3 Provides the Commission with timely and sufficient reports on the financial status of the Town government in accordance with the Charter and requirements of the Commission?	*3*	***There has been a learning curve with new TM and support staff. Reporting has been adequate but not quite where it needs to be going forward.***
2.4 Applies for grants and administers grants received effectively?	*5*	***Has been very proactive in finding new funding sources and taking advantage of current available funds.***
2.5 Recommends ways to save money or increase efficiency in delivery of Town Services?	*4*	
Average Score for Topic *(will be calculated by Town Clerk)*	3.80	
Weighted Score *(=Average Score x 10)*		

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 18, 2019 to February 11, 2020

Factor 3: Personnel Management ***(10% of Overall Score)***	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
3.1 Makes sound personnel selection decisions and policies?	*5*	***Wise choices have been made providing great current results and future potential.***
3.2 Motivates personnel through leadership and training so that they are effective in the performance of their duties, in achieving common goals and objectives.	*5*	***Staff is in a good place showing enthusiasm and achievement.***
3.3 Nurtures an attitude of courtesy, helpfulness and sensitivity to the public among Town employees?	*5*	***Great Customer Service!***
3.4 Takes disciplinary action when appropriate?	*5*	
3.5 Emphasizes exemplary performance?	*5*	
3.6 Treats all Town Personnel in a fair and equitable manner?	*5*	
Average Score for Topic *(will be calculated by Town Clerk)*	5.00	
Weighted Score *(=Average Score x 10)*		

Factor 4: Managing The Organization ***(10% of Overall Score)***	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.1 Executes the policies adopted by the Commission in a timely and appropriate fashion?	*4*	
4.2 Plans and executes organizational priorities in a manner reflective of the Town's stated mission and goals, and satisfactory to the Commission?	*5*	
4.3 Analyzes organizational problems or issues and identify causes, reasons, implications, and solutions employing all available technologies, systems and methods?	*5*	
4.4 Executes the short and long-term goals and objectives set forth in the Town's Mission Statement in a timely and effective manner?	*5*	
4.5 Communicates effective, clearly, easily and to the point?	*5*	

4.6 Demonstrates sensitivity to the opinions and concerns of others in and outside the organization?	*5*	
4.7 Emphasize the importance of teamwork and leadership in his/her relationship with the organization, and provide a role model for personnel?	*5*	
4.8 Accepts new ideas and suggestions for change?	*5*	
4.9 Adapts to and deals effectively with unanticipated conditions and situations?	*5*	
Average Score for Topic *(will be calculated by Town Clerk)*	4.89	
Weighted Score *(=Average Score x 10)*		

Factor 5: Relations with the Public/Other Gov'ts ***(10% of Overall Score)***	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
5.1 Handles disputes or complaints involving citizens in an effective, equitable, and timely manner?	*5*	
5.2 Makes him/herself available and visible to the citizens of the Town in an appropriate manner?	*3*	
5.3 Presents Commission policies and positions on issues to the citizens and Town organization accurately, equitable, and effectively?	*5*	
5.4 Directs sufficient public credit to the Commission in its role as the governing body?	*4*	
5.5 Deals effectively with other government agencies at all levels in representing the Town of Lauderdale-By-The-Sea?	*5*	
Average Score for Topic *(will be calculated by Town Clerk)*	4.40	
Weighted Score *(=Average Score x 10)*		

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager
Evaluation Period: March 18, 2019 to February 11, 2020

***Factor 6: Achievement of Stated Goals** (50% of overall score)*	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
6.1 Achievement of Stated Goals	*4*	
***Average Score for Topic** (will be calculated by Town Clerk)*	4.00	
***Weighted Score** (=Average Score x 50)*		

List any other issues or achievements you feel should be noted:

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 18, 2019 to February 11, 2020

The Summary will be completed by the Town Clerk and be returned to Commissioner for final review)

Summary

FACTOR 1:	Relations with Commission	0.46
FACTOR 2:	Fiscal Management	0.38
FACTOR 3:	Personnel Management	0.50
FACTOR 4:	Management of Organization	0.49
FACTOR 5:	Relations with the Public	0.44
FACOTR 6:	Goals Achievement	2.00

OVERALL WEIGHTED RATING: 4.27

Evaluator's Signature: _____

Date: _____/_____/2020

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Evaluator Name: Randy Strauss

Title: Commissioner

Definition of Performance Ratings	
5 – Exceeds	***2 – Needs Improvement***
4 – More than satisfactory	***1 – Far below expectations***
3 – Satisfactory	***N/A – Not applicable or too soon to rate.***

Factor 1: Relations with Governing Body, Providing Information (10% of Evaluation Points)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.1 Keeps the Commission informed in an appropriate and timely manner about matters critical to the Commission's policy making role?	***5***	***Make excellent use of informative texts***
1.2 Provides information on an equal basis to all Commission members?	***4***	***Unaware of what information he provided to other commission members***
1.3 Anticipates and follows up promptly on Commission requests for information or action without having to be reminded?	***4***	***Does excellent will little to no follow up prompting***
1.4 Available to the Commission on official business either personally or through designated subordinates?	***5***	***Has always made himself available***
1.5 Reports departmental and staff activities to the Commission in an appropriate and timely manner?	***5***	
1.6 Advises the commission of relevant legislation and developments in the area of public policy affecting the Town of Lauderdale-By-The-Sea?	***5***	
1.7 Has a comprehensive understanding of the problems and issues existing in the Town of Lauderdale-By-The-Sea?	***5***	

Town of Lauderdale-By-The-Sea
Evaluation of the Town Manager

Evaluation Period: March 1, 2019 to February 10, 2020

Factor 1: Relations with Governing Body, Providing Information (10% of Evaluation Points)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
1.8 Considers all viable alternatives before making recommendations to the Commission?	***5***	***I believe so***
1.9 Anticipates, plans, and prioritizes future needs and programs recognizing the potential problems confronting the Town?	***5***	***I believes makes excellent use of staff for this purpose as well***
Average Score for Topic (*will be calculated by Town Clerk)*		
Weighted Score *(=Average Score x 10)*		

Factor 2: Fiscal Management (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
2.1 Develops and administers a process of budget preparation and review that meets the requirements of the Town Charter, and expectations of the Commission?	***5***	
2.2 Controls operational and capital costs through adequate budgetary and financial controls and the judicious/economical utilization of manpower, material and equipment?	***5***	
2.3 Provides the Commission with timely and sufficient reports on the financial status of the Town government in accordance with the Charter and requirements of the Commission?	***5***	
2.4 Applies for grants and administers grants received effectively?	***5***	
2.5 Recommends ways to save money or increase efficiency in delivery of Town Services?	***5***	
Average Score for Topic (*will be calculated by Town Clerk)*		
Weighted Score *(=Average Score x 10)*		

Factor 3: Personnel Management (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***

Evaluation Period: March 1, 2019 to February 10, 2020

3.1 Makes sound personnel selection decisions and policies?	***5***	
3.2 Motivates personnel through leadership and training so that they are effective in the performance of their duties, in achieving common goals and objectives.	***5***	
3.3 Nurtures an attitude of courtesy, helpfulness and sensitivity to the public among Town employees?	***5***	
3.4 Takes disciplinary action when appropriate?	***4***	***As I have not been made aware of any significant problem issues***
3.5 Emphasizes exemplary performance?	***5***	
3.6 Treats all Town Personnel in a fair and equitable manner?	***5***	
Average Score for Topic *(will be calculated by Town Clerk)*		
Weighted Score *(=Average Score x 10)*		

Factor 4: Managing The Organization (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.1 Executes the policies adopted by the Commission in a timely and appropriate fashion?	***5***	
4.2 Plans and executes organizational priorities in a manner reflective of the Town's stated mission and goals, and satisfactory to the Commission?	***5***	
4.3 Analyzes organizational problems or issues and identify causes, reasons, implications, and solutions employing all available technologies, systems and methods?	***5***	***I believe with the help of the well informed staff***
4.4 Executes the short and long-term goals and objectives set forth in the Town's Mission Statement in a timely and effective manner?	***5***	
4.5 Communicates effective, clearly, easily and to the point?	***5***	
4.6 Demonstrates sensitivity to the opinions and concerns of others in and outside the organization?	***5***	
4.7 Emphasizes the importance of teamwork and leadership in his/her relationship with the organization, and provide a role model for personnel?	***5***	

Evaluation Period: March 1, 2019 to February 10, 2020

Factor 4: Managing The Organization (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
4.8 Accepts new ideas and suggestions for change?	***5***	
4.9 Adapts to and deals effectively with unanticipated conditions and situations?	***5***	
Average Score for Topic (*will be calculated by Town Clerk)*		
Weighted Score *(=Average Score x 10)*		

Factor 5: Relations with the Public/Other Gov'ts (10% of Overall Score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
5.1 Handles disputes or complaints involving citizens in an effective, equitable, and timely manner?	***5***	***Very good response time***
5.2 Makes him/herself available and visible to the citizens of the Town in an appropriate manner?	***5***	
5.3 Presents Commission policies and positions on issues to the citizens and Town organization accurately, equitable, and effectively?	***5***	
5.4 Directs public credit to the Commission in its role as the governing body?	***5***	
5.5 Deals effectively with other government agencies at all levels in representing the Town of Lauderdale-By-The-Sea?	***5***	
Average Score for Topic (*will be calculated by Town Clerk)*		
Weighted Score *(=Average Score x 10)*		

Factor 6: Achievement of Stated Goals (50% of overall score)	***RATINGS***	***SUPPORTIVE DETAIL OR COMMENT***
6.1 Achievement of Stated Goals	***5***	
Average Score for Topic (*will be calculated by Town Clerk)*		
Weighted Score *(=Average Score x 50)*		

Evaluation Period: March 1, 2019 to February 10, 2020

List any other issues or achievements you feel should be noted:

Evaluation Period: March 1, 2019 to February 10, 2020

The Summary will be calculated by the Town Clerk and be returned to Commissioner for final approval of the evaluation)

Summary

FACTOR 1:	Relations with Commission	_____
FACTOR 2:	Fiscal Management	_____
FACTOR 3:	Personnel Management	_____
FACTOR 4:	Management of Organization	_____
FACTOR 5:	Relations with the Public	_____
FACOTR 6:	Goals Achievement	_____

OVERALL WEIGHTED RATING: _____

Evaluator's Signature: Randolph Strauss

Date: 02/06/2020

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Susan Trevarthen
Submitting Department: Administration
Item Type: Status Update
Agenda Section: OLD BUSINESS

Subject Title:
Condition of Florida Development Group (FDG) Property (Susan Trevarthen, Town Attorney)

Explanation:
Following the withdrawal of the Concord Wilshire proposal, the development services director sought consent from FDG's agent to enter the old Holiday Inn property for the purpose of an inspection to determine the safety and condition of the structures. After first agreeing to an inspection to take place on January 30, FDG revoked its consent and refused to agree to allow access. Relevant Town staff then met with the Town Attorney to develop a strategy to obtain access.

On February 14, the Town's building official and fire marshal inspected the property as best they could from public property, including by use of the VFD ladder truck. Based on his observations, the building official has already identified serious issues with the condition of the roof and with concrete spalling that bring the structural integrity into question and warrant further inspection of the interior. The fire marshal has indicated he needs access to determine the condition of the fire standpipe and fire hose stations on each floor. By observation as documented by pictures, both these officials have concluded that they need access to the interior to more fully determine the status of the property.

On February 19, these officials met with the Town Attorney regarding their inspection. On February 20, the Town Attorney sent a letter to FDG's attorneys formally requesting access to the property, reminding them that the Town staff remains available and willing to work with FDG to resolve these issues. However, the letter also informs FDG that the Town will proceed to seek an administrative search warrant from the circuit court pursuant to Section 933.21, Florida Statutes, if access is not voluntarily granted.

The Town Attorney also filed a request for entry onto the property in the pending foreclosure action, as is the Town's right under Rule 1.350, Florida Rules of Civil Procedure, for the purpose of inspecting, measuring, photographing, surveying, or otherwise examining the roof and interior of the structures. This triggers a thirty-day timeframe for FDG to schedule the inspection or object.

The Town will thus gain access to complete its inspection by agreement or by court order under one of these concurrent processes. In the meantime, Town staff is preparing code compliance citations for the new issues observed during the inspection. Town staff and the Town Attorney are also working together to prepare to take the property to the Broward County Unsafe Structures Board if the inspections yield evidence that it is warranted to do so. That Board, after a hearing, can order the demolition of this structure if it deems it an unsafe structure.

Recommendation:
N/A

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Ken Rubach / Jay Flynn
Submitting Department: Municipal Services/Town Engineer
Item Type: Discussion Item
Agenda Section: NEW BUSINESS

Subject Title:
El Mar Drive RFQ (Jay Flynn, Town Engineer/Ken Rubach, Municipal Services Director)

Explanation:
On January 6, 2020, the Town issued Request for Qualifications 20-01-01 ("RFP") for design consultants to submit a qualifications package for the design and upgrading of El Mar Drive. The professional engineering services to be provided are for the design and construction of the El Mar Drive improvements and may include:

- roadway improvements, storm sewer installation, bike lanes, sidewalk improvements, pedestrian lighting installation and other utilities;
- land surveying;
- site planning and evaluation;
- preparation of plans, reports, and analyses;
- permitting;
- specifications and/or bid preparation; and
- construction management, supervision, inspection and administration.

Six firms replied to the RFQ. On February 13, 2020, the evaluation committee met and ranked the firms. The committee ranked the firm of EDSA number one (1) and Craven Thompson number two (2).

Recommendation:
It is recommended that the Commission approve the rankings of the firms and authorize the Town Manager to proceed with negotiations with EDSA to finalize the scope and associated fees for this project. If an agreement is not reached with EDSA, the Town Manager will then proceed with negotiations with the second ranked firm, Craven Thompson.

Attachments:

1. RFQ 20-01-01
2. EDSA, Inc
3. KEITH
4. Miller Legg
5. AECOM Technical Services
6. Craven Thompson & Associates, Inc.
7. Kimley-Horn

LAUDERDALE BY·THE·SEA



REQUEST FOR QUALIFICATIONS FOR

El Mar Drive Design

REQUEST FOR QUALIFICATIONS No. 20-01-01

Submittal Deadline: February 3, 2020

TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA

*This is a Request for Qualifications ("**RFQ**") solicitation being conducted pursuant to Section 287.055, Florida Statutes, known as the Consultant's Competitive Negotiation Act (**CCNA**).*

The Town of Lauderdale-By-The-Sea, Florida (hereafter "**TOWN**") invites qualified firms to submit their qualifications and experience for consideration to provide:

El Mar Drive Design Services

Sealed responses to this RFQ will be received until 2:00 PM on February 3, 2020 in Town Hall, 4501 N. Ocean Drive, Lauderdale-By-The-Sea, FL 33308.

Responses should be clearly marked "RFQ 20-01-01 El Mar Drive Design".

All information required by this RFQ shall be submitted to the TOWN by the submittal deadline to constitute a valid response.

The TOWN normally opens responses to RFQs as soon as practical after the submittal deadline; however, the TOWN reserves the right to delay that opening if necessary. The openings of all RFQs are open to the public.

ALL QUESTIONS AND CONTACT WITH THE TOWN REGARDING THIS RFQ ARE TO BE DIRECTED TO:

Tedra Allen, CMC, Town Clerk
4501 N. Ocean Drive
Lauderdale-By-The-Sea, Florida 33308
Telephone: 954-640-4201
Fax: 954-640-4236
Email: TownClerk@lbts-fl.gov

RFQ documents may be obtained via the Internet at https://www.lauderdalebythesea-fl.gov/356/Procurement-Solicitations or on www.Demandstar.com.

The documents may also be obtained by contacting the Town Clerk.

Table of Contents

		Page No.
SECTION 1 – GENERAL INFORMATION		**4**
1.	DEFINITIONS	4
2.	NATURE OF WORK	4
3.	DESCRIPTION OF WORK	5
4.	ANTICIPATED TERM	7
5.	CCNA LIMITS	7
6.	MINIMUM REQUIRED EXPERIENCE & QUALIFICATIONS	7
7.	SELECTION PROCESS	8
8.	EVALUATION CRITERIA	10
9.	PROFESSIONAL SERVICES CONTRACT/AGREEMENT	11
10.	PROFESSIONAL SERVICES CONTRACT	11
11.	ETHICS	11
SECTION 2 – RFQ REQUIREMENTS		**12**
12.	RFQ GENERAL INFORMATION	12
13.	RESPONSE FORMAT & CONTENT	13

Exhibits

		Forms Page
1.	RFQ Form 1. Qualifications Statement	18
2.	RFQ Form 2. Reference Form	20
3.	RFQ Form 3. Respondent's Certification	21
4.	RFQ Form 4. Sworn Statement on Public Entity Crimes	23
5.	RFQ Form 5. No Financial Interest	24
6.	Standard Services Contract	25
7.	El Mar Drive aerial	27

Section 1 General Information

1. **DEFINITIONS**. For the purposes of this Request for Qualifications ("RFQ"):

CCNA means the Consultants' Competitive Negotiation Act found in Section 287.055, Florida Statutes.

Qualified Firm means a Respondent who is deemed by the Town Manager to be highly qualified to perform the professional services described in this RFQ and is included on the list of Firms submitted to the Town Commission.

Respondent means the individual, organization, corporation, or firm, submitting a response to this RFQ.

Selected Firm means a Qualified Firm that has been approved by the Town Commission and has executed a Professional Services Contract.

Submittal Deadline means the date and time after which at the TOWN will not accept responses to this RFQ.

TOWN means the Town of Lauderdale-By-The-Sea, Broward County, Florida.

Work Authorization means the document issued by TOWN to a Selected Firm authorizing a specific scope of services, the compensation to be paid, the time frame to complete the work and other project specific details.

2. **NATURE OF THE WORK**

A. The TOWN intends to enter into a contract with the most qualified firm to provide professional engineering services as defined in Section 287.055(2)(a), Florida Statutes.

B. The professional engineering services to be provided are for the design and construction of the El Mar Drive improvements and may include:

- roadway improvements, storm sewer installation, bike lanes, sidewalk improvements, pedestrian lighting installation and other utilities; • land surveying;
- site planning and evaluation;
- preparation of plans, reports, and analyses;
- permitting;
- specifications and/or bid preparation; and
- construction management, supervision, inspection and administration.

C. After the selection of the top ranked Firm to perform the work, the TOWN will request a proposal from the firm. If the TOWN and the Selected Firm agree, then a Work Authorization will be issued by the TOWN authorizing a specific scope of services, the compensation to be paid, the time frame to complete the work and other project specific details.

Section 1 General Information

3. DESCRIPTION OF WORK

A. GENERAL INFORMATION ABOUT THE TOWN'S PROJECT

The Town of Lauderdale-By-The-Sea is a seaside community with a permanent population of about 6,500 that increases to about 12,000 during the winter season.

The TOWN is seeking a firm to design the following improvements on El Mar Drive from Palm Ave to Pine Ave, including the sections of Palm Ave & Pine Ave from A1A to El Mar Drive: storm sewer, lighting, sidewalks, and pavement.

B. SCOPE OF SERVICES

The scope of services to be provided by the Selected Firm may include, but is not limited to, the following, all of which shall be performed in accordance with applicable law:

a. Prepare preliminary or feasibility design reports and/or design alternative recommendations. This may include preparation of conceptual designs, various types of utility modeling, surveying, field data analysis, estimates of probable construction cost and life-cycle cost analysis.

b. Organize and attend up to four meetings with and/or make presentations to the Town Commission, TOWN management, homeowner's associations, business entities, and other interested stakeholder groups as requested by the TOWN. Prepare recommendations for appropriate community outreach components and processes for project development.

c. Conduct and/or attend pre-design, design, bidding and bid award meetings that the TOWN deems attendance is required.

d. Prepare required bidding/construction documents for the project(s). This may include the preparation of surveys, design plans, technical specifications, cost estimates, permit applications to government agencies, and other related contract documents.

e. Assist in evaluating bids and making bid award recommendations for construction contract(s).

f. Provide engineering, management, administration, inspection and value engineering services for the project during construction. This may include responding to contractor's Requests for Information, shop drawing/contractor submittal review and approval, inspection and approval of project improvements or progress, certification of projects from various permitting entities, possible field revisions, and review and approval of contractor pay applications. Evaluate and make recommendations on change orders.

g. Provide project close-out services. This may include inspection, preliminary and final acceptance of projects, preparation and approval of punch list items, providing as-built record drawings, operation and maintenance manuals, and project certification as required to all permitting agencies.

h. Identify possible grant funding opportunities and write grant applications or portions thereof for submittal to appropriate agencies.

C. DELIVERABLES:

Deliverables will be defined in each Work Authorization.

4. ANTICIPATED TERM

The Professional Engineering Services Contract and work authorizations will be awarded only for the El Mar Drive Design.

5. CCNA REQUIREMENT

The estimated construction cost of this project may exceed $2 million.

6. MINIMUM REQUIRED EXPERIENCE & QUALIFICATIONS

In order to be deemed responsive and considered for contract award, firm(s) or individuals must satisfy the following mandatory minimum requirements for their respective disciplines:

General Requirements:

A. Maintain an office in the tri-County area (Broward, Dade, and Palm Beach Counties), which is the home office for the principal professional of record and most of the professional's support team.

B. Possess and maintain all necessary and appropriate Florida licenses and certifications required for the services proposed to be provided.

C. Have at least fifteen (15) years of experience in providing engineering services to local governments.

D. The person proposed to be assigned to manage the TOWN contract shall be a registered professional engineer with the State of Florida and shall provide his or her license number in the response.

If a firm has not been in existence for the required number of years, but the principals who are proposed to be assigned to the TOWN's contract have the requisite experience with another firm, that experience may satisfy the required experience.

Section 1 General Information

7. SELECTION PROCESS

The TOWN will follow the selection process set forth below and in accordance with the TOWN Purchasing Manual, which is on the TOWN's website: https://www.lauderdalebythesea-fl.gov/356/Procurement-SolicitationsDF

A. Reserved Rights:
The TOWN reserves the right to: Change the Submittal Deadline or cancel this RFQ; Reject incomplete, irregular, or non-responsive responses; Reject responses with or without cause and for any reason including, but without limitation, if the Respondent fails to submit any required documentation, if the Respondent is in arrears or in default upon any debt or contract to the TOWN or has failed to perform faithfully any previous contract with the TOWN or with other governmental jurisdictions; Solicit and re-advertise for other responses; or, Waive any irregularities or informalities when in the best interest of the TOWN.

B. Interviews:

The TOWN wishes to avoid the expense to the TOWN and to Respondents of unnecessary presentations. Therefore, the TOWN will make every reasonable effort to achieve the initial ranking using written submittals. The TOWN, however, reserves the right to conduct personal interviews or require presentations prior to selection if the TOWN deems this is necessary in order to select its top-ranked firms. The TOWN will not be liable for any expenses which Respondents may incur in connection with a presentation to the TOWN or related in any way to this RFQ.

C. Request for Additional Information:

The Respondent shall furnish such additional information as the TOWN may reasonably require. The TOWN reserves the right to make investigations of the qualifications of the Respondent as it deems appropriate, and to investigate the financial capability, reputation, integrity, skill, business experience and quality of performance under similar operations of each Respondent, including shareholders, principals and senior management. Failure to provide additional information requested may result in disqualification of the response.

D. Evaluation Committee

a. An Evaluation Committee (the "**Committee**") will be established by the Town Manager to review and evaluate all submittals.

b. The Committee will first review each submittal for compliance with the minimum qualifications and mandatory requirements of the RFQ. Failure to comply with the RFQ requirements may disqualify a response.

c. The Committee will then evaluate the submittals based on the evaluation criteria herein and establish a list of Qualified Firms deemed to be the most qualified and most advantageous to the TOWN to provide the services requested.

The Committee or the Town Commission may request oral presentations from the Respondents. The selection recommendation will be brought to the Town Commission for approval and authorization to begin contract negotiation with the most qualified firms.

E. Shortlisting of Firms.

Depending on the number of responses received, the Town may short-list respondents in order to facilitate more in-depth analysis of a manageable number of responses. These short-listed respondents may or may not be interviewed by the appointed Committee.

8. EVALUATION CRITERIA

The following criteria will be used to evaluate the submittals. Not all of these criteria will apply to each discipline for which professional services are sought.

A. Respondent's number of years in business.

B. Respondent's in-house expertise and applicability for the required services, including the demonstrated experience of the key officers and individuals proposed to be assigned to the TOWN contract.

C. The scope, breadth, depth and quality of experience and past performance record on projects of similar type, size, quality and scope in Florida and elsewhere. Experience in completing projects and providing services similar to those required by the TOWN as demonstrated in project/service history descriptions.

D. The degree to which the Respondent can provide services for the EL Mar Drive Project with in-house resources and the availability of those resources.

E. Respondent's dependence on outside contractors and the qualifications, licenses and references for any proposed sub-consultants or subcontractors may be considered.

F. Respondent's ability to provide all services required in a timely manner, including Respondent's ability to respond quickly, efficiently and cost- effectively.

G. Respondent's familiarity and success with permitting agencies and permitting procedures in South Florida.

H. The sufficiency of Respondent's staff to provide the required services.

I. Past performance with other governmental jurisdictions and, if applicable, on TOWN projects (previous employment or contractual experience with the TOWN is not required).

J. The location of the firm and the place from which the work is to be performed.

K. Past history of meeting required time frames.

L. Financial resources and capabilities.

M. Other factors considered relevant to analyze Respondent's expertise including as authorized or required by Florida Statutes.

Section 1 General Information

9. CONTRACT AWARD

Any contract award resulting from this RFQ requires Town Commission approval and execution of a contract approved by the Town Attorney.

The award will be to the firm whose submittal complies with all material requirements set forth in this RFQ and whose qualifications and response, in the opinion of the TOWN, are the most advantageous to the TOWN, taking into consideration all aspects of the Respondent's response.

The TOWN shall be the sole judge of its own best interests, the responses, and the resulting negotiated Professional services contract, if any.

10. PROFESSIONAL SERVICES CONTRACT

The TOWN anticipates entering into professional services contracts with the selected Respondent judged by the TOWN to be the most highly qualified to perform the requested services.

The selected Respondent is expected to execute the Town's standard Services Agreement, in a form similar to the attached sample agreement and approved by the Town Attorney.

The TOWN's standard services contract is included as **Exhibit 6**.

11. ETHICS

With respect to submittals to this RFQ or any future transaction with the TOWN, if any Respondent or Selected Firm violates or is a party to a violation of the ethics ordinances or rules of the TOWN, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Respondent or Selected Firm may be disqualified from furnishing the services for which the submittal or response is submitted and may be further disqualified from submitting any future submittals or responses for goods or services to TOWN.

End of Part 1

Section 2 – RFQ Requirements

12. RFQ GENERAL INFORMATION

A. INCURRED EXPENSES

The TOWN is not responsible for any expenses that Respondents may incur preparing and submitting their response to this RFQ or for any expenses related to any presentation by Respondents, whether requested by the TOWN or otherwise.

B. INQUIRIES

The TOWN will not respond to oral inquiries. Respondents may mail, email or fax written inquiries regarding this RFQ to the attention of the Town Clerk. Please mark the correspondence "RFQ No. 20-01-01 QUESTION".

The TOWN will respond to written inquiries received at least 7 working days prior to the Submittal Deadline. The TOWN will record its responses to inquiries and any supplemental instructions in the form of a written addendum. If addenda are issued, the TOWN will email, mail or fax written addenda to any potential Respondent who has provided their contact information to the Town Clerk. Although the TOWN will make an attempt to notify each prospective Respondent of any addendum or change in requirements or dates, it is the sole responsibility of a Respondent to remain informed as to any changes to the RFQ.

C. ADDENDUM, AMENDMENT, CHANGE IN DATES

At its sole discretion, the TOWN may postpone or reschedule any dates in the selection process or any term of the RFQ. If changes are made, the TOWN will issue an addendum (addenda) prior to the Submittal Deadline. It is the sole responsibility of a Respondent to remain informed as to any changes.

D. PRE-RESPONSE MEETING

A pre-response meeting is not scheduled or anticipated.

F. RESPONSE SUBMISSION

Respondents shall submit in a sealed, opaque package:

- one (1) original printed response; and
- one (1) electronic copy of the response.

The electronic copy of the response shall be in PDF or Microsoft Word file formats. Complex graphics, appendixes, and additional materials do not have to be submitted electronically.

Submissions shall be clearly marked on the outside as follows:

To: Town of Lauderdale-By-The-Sea

Section 2 – RFQ Requirements

RFQ No. 20-01-01

Project: El Mar Drive Design
Submitted by: _____
Address: _____
Telephone: _____
Email: _____

Responses shall be submitted in person or by mail prior to the Submittal Deadline. Email submittals are not accepted.

The TOWN cautions Respondents to assure actual delivery of responses to the TOWN prior to the Submittal Deadline. Telephone confirmation of timely receipt of a response may be made by calling the Office of the Town Clerk (954-640-4200).

Submittals, additions, or changes after the Submittal Deadline will not be accepted and will be returned to the Respondent.

Respondents may withdraw their responses by notifying the TOWN in writing at any time prior to the opening. Responses, once opened, become property of the TOWN and will not be returned.

G. PUBLIC RECORDS

Responses to this RFQ are public records and subject to public disclosure in accordance with Chapter 119, Florida Statutes (the Public Records Law). Certain exemptions to the Public Records Law are statutorily provided for and it is the Respondent's responsibility to become familiar with these concepts and to specifically note any information in the response that they believe is confidential and/or exempt from public disclosure.

13. RESPONSE FORMAT & CONTENT

In order to ensure a uniform review process and to obtain the maximum degree of comparability, it is required that the responses be organized in the manner specified herein.

RESPONDENTS SHALL COMPLETE AND SUBMIT THE REQUIRED RFQ FORMS OR *YOUR RESPONSE WILL BE DEEMED NON-RESPONSIVE.*

The forms may be duplicated and most are available in WORD. Any erasures or corrections on the form must be made in ink and initialed by Respondent in ink. All

Section 2 – RFQ Requirements

information submitted by the Respondent shall be printed, typewritten or completed in ink. Responses shall be signed in ink.

All responses shall be submitted as specified in this RFQ. Any attachments shall be clearly identified. In order to be deemed responsive and considered for contract award, the response must fully respond to all parts of the RFQ.

Any other information thought to be relevant, but not applicable to the enumerated categories, should be provided as an appendix to the response. If publications are supplied by a responder to respond to a requirement, the response should include reference to the document number and page number. Responses lacking this reference may be considered to have no reference material included.

Respondents shall prepare their responses using the following format:

1. Title Page

   The title page shall show the name of Respondent's agency/firm, address, telephone number, name of contact person, date, and the RFQ number.

2. Letter of Transmittal

   This letter will summarize in one or two pages, the following information:

   a. List the professional services identified in this RFQ you are qualified and willing to perform.

   b. A statement that the business is licensed, permitted and/or certified to do business and practice a specific discipline, or is a design- build firm (as applicable) in the State of Florida and attach copies of all such licenses issued to the business entity.

   c. Identify any supplemental materials that have been included that might enhance the TOWN's understanding of the firm and its capabilities and experience in light of the qualification evaluation criteria.

   d. Identify the Response Contract.

      The name of the person who is authorized to make representations for the Respondent during the evaluation phase, their title, email address, and telephone number.

   e. Identify the Contract Administrator.

      The name of the person who will be the firm’s contact during the term of the contract, their title, email address, and telephone number.

   f. Identify the Project Manager.

      The name of the person who will be assigned as the primary contact with the TOWN, their title, email address, and telephone number. Provide the person’s background, training, experience, qualifications and authority.

   g. The official legally authorized to negotiate and execute a contract on behalf of the Respondent must sign the letter of transmittal.

Section 2 – RFQ Requirements

3. Table of Contents

   Include a clear identification of the submitted material by section and by page number.

4. Organization Profile, Qualifications and Experience (RFQ Form 1, Exhibit 1)

   A. Complete Form 1 (**Exhibit 1**) and include it as the first page of this section.

   B. Following Form 1, provide the following information in the order requested in the format of your choosing:

   - Considerable relevant experience that demonstrates both the experience and capability of particular personnel who will actually perform the work.

     Include the work that the firm has done within the past ten (10) years for other governmental entities. Describe the work performed, and the year and amount of time the firm was engaged. Provide contact information for each.

     Note: If a firm has not been in existence for ten (10) years, or the personnel who are proposed to be assigned to the TOWN's contract have the requisite experience with another firm, list the work by both the firm and the personnel.

   - Include documentation indicating that the firm or individual is authorized to do business in the State of Florida and, if a corporation, is incorporated under the laws of one of the States of the United States.
   - A description of the individual responsible
   - The resumes and professional qualifications of the primary individual(s) who will work on this project.

5. References (RFQ Form 2)

   Complete RFQ Form 2 (**Exhibit 2**) by providing at least four (4) clients or business references, with whom we may speak during the evaluation phase, which have utilized the services being proposed to the TOWN.

6. Insurance:

   Include a statement that the Respondent commits to, and is able to, obtain and provide proof of insurance that meets the requirements specified in the Professional services contract (**Exhibit 6**).

   NOTE: The following is NOT required when you submit your response.

   If deemed to be a Qualified Firm, the Qualified Firms shall provide a list of claims for the past five (5) years, including those presently outstanding against the firm.

Section 2 – RFQ Requirements

This information shall be provided by and signed by the agent of the insurance carrier. If no outstanding claims exist, a statement of this fact must be provided by and signed by the agent of the insurance carrier.

7. Professional Services Contract

   Include a statement that the Respondent takes no exceptions to the TOWN's standard professional service contract (**Exhibit 6**) or in the alternative, clearly and prominently indicate what exceptions are taken and any proposed modifications to the TOWN's professional services contract (**Exhibit 6**).

   RESPONDENTS TAKING EXCEPTION ARE SOLELY RESPONSIBLE FOR THIS RISK. The TOWN is under no obligation to accept or consider any exceptions, or accept any Response with an exception. Respondents are reminded that they may submit one Response without exceptions and an alternate Proposal with exceptions.

8. Additional Forms.

   THE FOLLOWING ADDITIONAL FORMS SHALL BE EXECUTED AND SUBMITTED WITH YOUR RESPONSE TO BE DEEMED RESPONSIVE.

EXHIBIT 3, RFQ FORM 3:	**RESPONDENT'S CERTIFICATION**
EXHIBIT 4, RFQ FORM 4:	**SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A). FLORIDA STATUTES ON PUBLIC ENTITY CRIME**
EXHIBIT 5, RFQ FORM 5:	**NO FINANCIAL INTEREST STATEMENT**

9. Compensation

   The response ***shall not*** include rates or fees for any services. The Town Manager will negotiate fees that the TOWN determines to be fair, competitive and reasonable with the Selected Firm.

10. Representations and Warranties.

    In submitting a response, Respondent warrants and represents that:

    A. Respondent has given TOWN written notice of all conflicts, errors, ambiguities, or discrepancies that Respondent has discovered in this RFQ and any addenda thereto, and the written resolution thereof by the TOWN is acceptable to Respondent.

    B. The RFQ is generally sufficient in detail and clarity to indicate and convey understanding of all terms and conditions for the performance of the response that is submitted.

Section 2 – RFQ Requirements

C. No person has been employed or retained to solicit or secure award of the contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, and no employee or officer of the TOWN has any interest, financially or otherwise, in this RFQ or related contract.

End of Part 2

THE REST OF THIS PAGE IS INTENTIONALLY BLANK

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH YOUR RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 1: QUALIFICATIONS STATEMENT

Proposer:_____

1. State the full and correct name of the partnership, corporation or trade name under which you do business and the address of the place of business. (If a corporation, state the name of the president and secretary. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.)
    a. The correct and full legal name of the Respondent is:
    b. The business is a (Sole Proprietorship) (Partnership) (Corporation).
    c. The names of the corporate officers, or partners, or individuals doing business under a trade name, are as follows:

2. Please describe your company in detail:
    a. Number of employees;
    b. Number of years your organization been in business; and,
    c. The organization's specialty.

3. The contact information (address, telephone and fax) of the principal place of business:

4. The contact information (address, telephone and fax) of the closest business location to TOWN if different than number 3:

5. Name and title of employees to be assigned to the Town contract, if awarded:

6. Company identification numbers for the Internal Revenue Service:

7. Broward County business tax receipt number, if applicable, and expiration date:

8. List the last three project of this nature that the firm has completed? Please provide project description, reference and cost of work completed.

9. Have you ever failed to complete any work awarded to you? If so, where and why?

RFQ FORMS

10. Provide the following information concerning all contracts that are similar in nature or use the same project team proposed for this contract that are ***in progress*** as of the date of submission of this Response.

Name of Project	Contract with:	Contract Amount	Estimated Completion Date	% of Completion to Date

(Continue list as necessary)

Provide the following information for any sub-contractors you propose to engage if awarded a contract.

Subcontractor Name	Contact Information	Work to be Performed

The foregoing list of subcontractors may not be amended after award of the contract without the prior written approval of the Town Manager, whose approval shall not be unreasonably withheld.

RFQ FORMS

RFQ Form 2: REFERENCES

Respondent: _____

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

Give contact information for at least four individuals, corporations, agencies, or institutions for which you have performed work similar to what is proposed in this RFQ:

1. Name of Contact:
   Title of Contact: Email:
   Telephone Number: Fax Number:
   Project:

2. Name of Contact:
   Title of Contact: Email:
   Telephone Number: Fax Number:
   Project:

3. Name of Contact:
   Title of Contact: Email:
   Telephone Number: Fax Number:
   Project:

4. Name of Contact:
   Title of Contact: Email:
   Telephone Number: Fax Number:
   Project:

RFQ FORMS

RFQ FORM 3: RESPONDENT'S CERTIFICATION

Respondent: _____

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

The undersigned guarantees the truth and accuracy of all statements and the answers contained herein.

I have carefully examined the Request for Qualifications referenced above ("RFQ") and any other documents accompanying or made a part of this RFQ.

I hereby propose to furnish the goods or services specified in the RFQ. I agree that my response will remain firm for a period of 150 days in order to allow the TOWN adequate time to evaluate the responses.

I certify that all information contained in this response, which includes the TOWN required RFQ forms A, B, C, D and E is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

Respondent hereby authorizes the TOWN, its staff or consultants, to contact any of the references provided in the response and specifically authorizes such references to release, either orally or in writing, any appropriate data with respect to the firm offering this response.

I further certify, under oath, that this response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a response for the same product or service; no officer, employee or agent of the TOWN or any other proposer has a financial interest in said response; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters herein contained and was duly authorized to do so.

If this response is selected, I understand that I will be expected to execute the TOWN's standard Professional Services contract, in the form approved by the Town Attorney.

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes 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, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017 Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the

RFQ FORMS

convicted vendor list. I further certify, under oath, that neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholder, employees, members or agents active in the management of the entity has been convicted of a public entity crime subsequent to July 1, 1989.

_____
Name of Business

By: _____
Signature

_____
Print Name and Title

_____

_____
Mailing Address

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 4: SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A). FLORIDA STATUTES ON PUBLIC ENTITY CRIME

TO BE VALID, THIS FORM SHALL BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted to The Town Commission of the Town of Lauderdale-By-The-Sea, Florida by: _____
   (print this individual's name and title)

   for _____
   (print name of entity submitting sworn statements)

   Whose business address is: _____
   _____
   _____

   And, if applicable, whose Federal Employer Identification Number (FEIN) is _____. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____-___-_____.

2. I understand that a "public entity crime" as defined in paragraph 287.133(1)(a}, Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transactions of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a Jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:

   1. A predecessor or successor of a person convicted of public entity crime; or

   2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement,

RFQ FORMS

shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in a relation to the entity submitting this sworn statement. (Please indicate which statement applies).

_____Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or any affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months.

_____The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months. AND (Please indicate which additional statement applies).

_____There has been a proceeding concerning the conviction before a hearing officer in the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order).

_____The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list (Please attach a copy of the final order).

_____The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Florida Department of General Services).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THE PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED AND FOR THE PERIOD OF THE CONTRACT ENTERED INTO, WHICHEVER PERIOD IS LONGER. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

RFQ FORMS

Date: _____ _____
(Signature)

STATE OF FLORIDA
COUNTY OF: _____

Sworn and subscribed before me this_____day of _____, 20____

by _____who is Personally known to me Or

who produced identification _____
(Type of Identification)

_____
(Signature) Notary Public-State of Florida

_____
(Printed, typed or stamped commissioned name of notary public)

My commission expires_____(SEAL)

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 5: NO FINANCIAL INTEREST STATEMENT

The undersigned guarantees the truth and accuracy of this statement.

The Respondent recognizes and certifies that no elected official, board member, or employee of the Town of Lauderdale-By-The-Sea (the "Town") shall have a financial interest directly or indirectly in this RFQ, related contract, if any, or any compensation to be paid under or through these matters, and further, that no Town employee, nor any elected or appointed officer (including Town board members) of the TOWN, nor any spouse, parent or child of such employee or elected or appointed officer of the TOWN, may be a partner, officer, director or proprietor of Respondent, and further, that no such TOWN employee or elected or appointed officer shall be employed by the firm or receive any compensation from the firm for a period of at least twelve (12) months after leaving the employ or agency of the TOWN.

_____
Name of Business

By: _____
Signature

_____
Print Name and Title

_____

_____
Mailing Address

Exhibit 6

to the RFQ

PROFESSIONAL SERVICES AGREEMENT



LAUDERDALE BY·THE·SEA

Table of Contents

Section 1. Recitals....1
Section 2. Definitions

1
Section 3. Work Authorizations/Scope of Services/Compensation 2
Section 4. Term/Termination 4
Section 5. Additional Services and Changes in Scope of Services 5
Section 6. Survival of Provisions 6
Section 7. Town's Responsibilities 6
Section 8. Ethics 6
Section 9. Policy of Non-Discrimination/Wages 7
Section 10. Ownership of Documents/Deliverables 7
Section 11. Records/Audits 8
Section 12. No Contingent Fee 9
Section 13. Independent Contractor....9
Section 14. Assignment; Amendments....9
Section 15. Indemnification/Hold Harmless....10
Section 16. Insurance....10
Section 17. Representative of Town and Contractor....12
Section 18. Cost And Attorney's Fees/Waiver of Jury Trial 12
Section 19. All Prior Agreements Superseded 12
Section 20. Contractor's Responsibilities 13
Section 21. Subcontractors 13
Section 22. Notices 14
Section 23. Truth-In-Negotiation Certificate 15
Section 24. Dispute Resolution 15
Section 25. Consent to Jurisdiction 15
Section 26. Governing Law 16
Section 27. Headings 16
Section 28. Exhibits....16
Section 29. Severability....16
Section 30. Counterparts....16

Exhibit 1. Request for Qualifications No. 20-01-01....
Exhibit 2. CONTRACTOR's response to the RFQ....

RFQ FORMS

Exhibit 3. Standard Work Authorization document .....

Exhibit 6: Standard Professional Services Contract

PROFESSIONAL SERVICES AGREEMENT

Between

TOWN OF LAUDERDALE-BY-THE-SEA

And

_____

(CCNA)

THIS AGREEMENT (the "**Professional Services Agreement**" or **Agreement**") is made between the Town of Lauderdale-By-The-Sea, Florida, a Florida municipal corporation (the "**TOWN**") and_____, a _____corporation authorized to do business in the State of Florida, (the "**CONTRACTOR**"), whose principal place of business is _____.

WHEREAS, pursuant to Section 287.055, Florida Statutes, the TOWN issued RFQ No. 20-01-01 for El Mar Drive Design (the "RFQ") and selected the CONTRACTOR to provide professional engineering services; and

WHEREAS, the CONTRACTOR is willing and able to perform such professional services for the TOWN within the basic terms and conditions set forth in this Agreement.

NOW THEREFORE, in consideration of the mutual terms, conditions, promises and covenants set forth below, the TOWN and CONTRACTOR agree as follows:

SECTION 1. RECITALS.

The above recitals are true and correct and are incorporated herein.

SECTION 2. DEFINITIONS

The following definitions and references are given for the purpose of interpreting the terms as used in this Agreement and apply unless the context indicates a different meaning. Additional definitions provided for in the RFQ are also incorporated herein.

2.1 **Contract Documents** refers to this Agreement, the Request for Qualifications No. 20-01-01 ("RFQ"), attached hereto and incorporated herein as **Exhibit 1**, CONTRACTOR's response to the RFQ, opened February 3, 2020 attached hereto and incorporated herein as **Exhibit 2**, all specifications, Certificate(s) of Insurance, Work Authorizations and all written amendments issued on or after the effective date of this Agreement.

Exhibit 6: Standard Professional Services Contract

In the event of conflict among the various components of the Contract Documents, the following shall govern in the following order: this Agreement, any written amendments thereto, the RFQ (**Exhibit 1**), CONTRACTOR's Proposal (**Exhibit 2**), and Work Authorizations.

2.2 **Compensation** means the total amount paid by the TOWN for the CONTRACTOR's professional services pursuant to an executed Work Authorization, exclusive of Reimbursable Expenses.

2.3 **Reimbursable Expenses** means the expenses directly attributable to the Work Authorization that are not Compensation in the Work Authorization, but that the TOWN agrees in writing will be costs the TOWN will reimburse to the CONTRACTOR. Reimbursable Expenses may include, application and permit fees paid for securing approval of authorities having jurisdiction over the Work Authorization; actual cost of reproduction, printing, binding and photocopying of drawings, specifications, renderings and other documents specified the Work Authorization; travel expenses as provided in Paragraph 3.4 of this Agreement. Travel Expenses are not a reimbursed expense unless CONTRACTOR has secured advance written authorization for such travel from the Town Manager.

2.4 **Subcontractor Fee** means the direct and actual cost of the subcontractor with no markup, as reflected by actual invoices of the subcontractor.

2.5 **Work Authorization** means the document issued by TOWN to a CONTRACTOR authorizing a specific scope of services, the Compensation to be paid, the time frame to complete the work and other project specific details.

SECTION 3. SCOPE OF SERVICES/COMPENSATION

3.1 CONTRACTOR shall meet the requirements and perform the services described in the RFP for the El Mar Design ("Project"), attached hereto and incorporated herein as Exhibit 1, and CONTRACTOR's proposal, attached hereto and incorporated herein as Exhibit 2. The Services required by this Agreement, Exhibit 1, and Exhibit 2, shall collectively be referred to as "Services."

3.2 Travel Expenses, whether within or outside of Broward County, and whether to the specific project or otherwise, are not a reimbursed expense unless CONTRACTOR has secured advance written authorization for such travel from the Town Manager. All approved travel expenses will be reimbursed in accordance with the TOWN's adopted travel policy.

3.3 The Compensation for the Services provided pursuant to this Agreement shall be in accordance with Exhibit 2, in an amount not to exceed $_____. .

3.4 CONTRACTOR will invoice the TOWN on a monthly basis for services rendered the previous month. The invoice shall identify work completed, by whom and the

Exhibit 6: Standard Professional Services Contract

percentage of the Services completed. Additionally, the invoice shall include a line item reflecting retainage as applicable.

After receipt of the invoice, the Town shall notify CONTRACTOR of any discrepancies or disputed items on the invoice. The TOWN may request additional information, including but not limited to, all invoices, time records, expense records, accounting records and payment records of CONTRACTOR. The TOWN shall pay the CONTRACTOR the undisputed portion of the invoice within thirty (30) days of receipt of the invoice.

The Town Manager shall make a final determination regarding any disputed portion of the invoice within forty-five (45) days of receipt of the invoice during which time the Town Manager or designee shall meet with the CONTRACTOR to seek resolution of the disputed billing.

3.5 Retainage: The TOWN reserves the right to withhold retainage in the amount of ten percent (10%) of any payment due to the CONTRACTOR until the Project is completed. For projects that are divided into several phases, any retainage shall be withheld and may be released individually for each phase of the Project at TOWN's discretion. Said retainage may be withheld at the sole discretion of the Town Manager and as security for the successful completion of the CONTRACTOR'S duties and responsibilities under the Work Authorization.

SECTION 4. TERM/TERMINATION

4.1 **Term of Agreement.** This Agreement shall commence on the date this instrument is fully executed by all parties and shall continue in full force and effect until the completion of the Project, unless terminated earlier pursuant to this Agreement.

4.2 **Termination For Convenience.** The TOWN shall have the right at any time to terminate this Agreement for any reason whatsoever or without reason, upon thirty (30) calendar days' written notice to CONTRACTOR. If any such termination notice is provided by the TOWN, the CONTRACTOR shall immediately cease work on any Work Authorizations issued under this Agreement upon receipt of the notice from the TOWN. In the event the TOWN terminates the Agreement as provided for herein through no fault of the CONTRACTOR, the TOWN shall pay to the CONTRACTOR for work completed pursuant to this Agreement to the satisfaction of the TOWN, its reasonable documented costs actually incurred as of the date of the termination notice. Under no circumstances shall the TOWN make payment of profit for services that have not been performed.

Exhibit 6: Standard Professional Services Contract

4.3 **Termination For Cause.** This Agreement may be terminated by either party upon five (5) calendar days written notice to the other party should the other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination. In the event that CONTRACTOR abandons this Agreement or causes it to be terminated by the TOWN, the CONTRACTOR shall indemnify and hold the TOWN harmless against any loss pertaining to such termination. In the event that the CONTRACTOR is terminated by the TOWN for cause and it is subsequently determined by a court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a termination for convenience under Section 4.2 and the provisions of Section 4.2 shall apply.

SECTION 5. ADDITIONAL SERVICES AND CHANGES IN SCOPE OF SERVICES

5.1 **Change Order Defined.** A Change Order shall mean a written order to the CONTRACTOR executed by the TOWN and CONTRACTOR, issued after execution this Agreement, authorizing and directing a change in the Scope of Services or an adjustment in the Compensation or the completion time, or any combination thereof.

5.2 **Effect of Executed Change Order.** The execution of a Change Order by the TOWN and the CONTRACTOR shall constitute conclusive evidence of the CONTRACTOR and the TOWN's agreement to the ordered changes in the Scope of Services or an adjustment in the Contract Price or the Contract Time, or any combination thereof. The CONTRACTOR, by executing the Change Order, waives and forever releases any claim against the TOWN for additional time or Compensation for matters relating to or arising out of or resulting from the Services included within or affected by the executed Change Order. The CONTRACTOR agrees that no claim for delay damages shall be asserted against the TOWN and hereby waives the right to assert any such claim.

SECTION 6. SURVIVAL OF PROVISIONS

Any terms or conditions of either this Agreement or any subsequent Work Authorization that require acts beyond the date of the term of either agreement, shall survive termination of the agreements, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

SECTION 7. TOWN'S RESPONSIBILITIES

Exhibit 6: Standard Professional Services Contract

7.1 TOWN shall assist CONTRACTOR by providing CONTRACTOR with available information that is pertinent to the Work Authorization as may be requested in writing by the CONTRACTOR and allow reasonable access to pertinent information relating to the services to be performed by CONTRACTOR.

7.2 TOWN shall provide CONTRACTOR access to TOWN property as required for CONTRACTOR to perform services under this Agreement or any Work Authorization.

SECTION 8. ETHICS

8.1 The applicable code of ethics from the state professional organization of the CONTRACTOR's professional discipline shall be incorporated in this Agreement by this reference. For example, for engineers, the code of ethics of the Florida Engineering Society shall be incorporated in this Agreement by this reference. If there is not a code of ethics from the state professional organization, then the code of ethics from the national professional organization shall be incorporated.

8.2 CONTRACTOR warrants and represents that its employees shall abide by the applicable provisions of the Code of Ethics for Public Officers and Employees, Chapter 112, Florida Statutes, and Broward County Code of Ethics (County Code Section 1-19), as they may be amended from time to time.

8.3 No officer or employee of the Town of Lauderdale-By-The-Sea, Florida, during his or her term of employment or for one year thereafter, shall have any interest, direct or indirect, in this Agreement or the proceeds thereof. No vendor shall give, solicit for, deliver or provide a campaign contribution directly or indirectly to a candidate, or to the campaign committee of a candidate, for the offices of Mayor or Commissioner. Any subcontractors hired by the firm must also adhere to this policy and it must be included in their contracts as well.

SECTION 9. POLICY OF NON-DISCRIMINATION/WAGES

9.1 The CONTRACTOR shall comply with all federal, state, and local laws and ordinances applicable to the work or services provided under this Agreement or any Work Authorization and shall not engage in or commit any discriminatory practice against any person based on race, color, religion, sex, sexual orientation, age, marital status, national origin, physical or mental disability, political affiliation or any other factor which cannot be lawfully used as a basis for service delivery in the performance of work under this Agreement or a Work Authorization.

Exhibit 6: Standard Professional Services Contract

9.2 If a specific project is subject to federal and grant funding that requires specific wage and non-discrimination provisions, CONTRACTOR shall be required to comply with such provisions.

SECTION 10. OWNERSHIP OF DOCUMENTS/DELIVERABLES

10.1 All finished or unfinished documents, including but not limited to, detailed reports, studies, plans, drawings, surveys, maps, models, photographs, specifications, digital files, and all other data prepared for the TOWN or furnished by the CONTRACTOR pursuant to this Agreement shall become the property of the TOWN, and shall be delivered by CONTRACTOR to the TOWN within 10 calendar days after written notice requesting delivery of such documents. In no event shall the CONTRACTOR use, or permit to be used, any of the documents, without the TOWN'S prior written authorization.

10.2 All subcontracts for the preparation of reports, studies, plans, drawings, specifications, digital files or other data, entered into by the CONTRACTOR for a Work Authorization shall provide that all such documents and rights obtained by virtue of such contracts shall become the property of the TOWN.

10.3 All final plans and documents prepared by the CONTRACTOR shall bear the endorsement and seal of a person duly registered as a Professional Engineer, Architect, Landscape Architect, Professional Geologist, or Land Surveyor, as appropriate, in the State of Florida and date approved and/or sealed.

10.4 All deliverables should be provided in hard copy format as well as electronic format to the TOWN. Drawings should be provided in CADD and PDF, spread sheets in Microsoft Excel, and written documentation in Microsoft Word. The date of submittal to the TOWN shall be deemed to be the later of delivery of hard copies or delivery of electronic copies as applicable.

Exhibit 6: Standard Professional Services Contract

SECTION 11. RECORDS/AUDITS

11.1 CONTRACTOR shall maintain and require subcontractors to maintain, complete and correct records, books, documents, papers and accounts pertaining to each Work Authorization and any worked performed in connection with this Agreement. Such records, books, documents, papers and accounts shall be available at all reasonable times for examination and audit by the Town Manager or any authorized TOWN representative with reasonable notice and shall be kept for a period of five (5) years after the completion of each Work Authorization or such longer time as may be required by applicable law. Incomplete or incorrect entries in such records, books, documents, papers or accounts will be grounds for disallowance by, or reimbursement to, the TOWN of any fees or expenses based upon such entries. Disallowed fees will be paid when incomplete or incorrect entries are remedied to the satisfaction of the TOWN.

11.2 The CONTRACTOR shall comply with Chapter 119, Florida Statutes, as applicable, and shall comply with the following:

(a) CONTRACTOR agrees to keep and maintain public records in CONTRACTOR's possession or control in connection with CONTRACTOR's performance under this Agreement. CONTRACTOR additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. CONTRACTOR shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the TOWN.

(b) Upon request from the TOWN's custodian of public records, CONTRACTOR shall provide the TOWN with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

(c) Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the TOWN.

(d) Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the CONTRACTOR shall be delivered by the CONTRACTOR to the Town Manager, at no cost to the TOWN, within seven (7) days. All such records stored electronically by CONTRACTOR shall be delivered to the Town in a format that is compatible with the TOWN's information technology systems.

Exhibit 6: Standard Professional Services Contract

Once the public records have been delivered upon completion or termination of this Agreement, the CONTRACTOR shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

(e) Any Compensation due to CONTRACTOR shall be withheld until all records are received as provided herein.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT 954-640-4200, TownClerk@lauderdalebythesea-fl.gov, or by mail: Town Clerk, 4501 N. Ocean Drive, Lauderdale-By-The-Sea, FL 33308.

11.3 Refusal of the CONTRACTOR to comply with the provisions of Sections 11.1 or 11.2 shall be grounds for immediate termination for cause by the TOWN of this Agreement or any Work Authorization.

SECTION 12. NO CONTINGENT FEE

CONTRACTOR warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for CONTRACTOR, to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for CONTRACTOR, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. In the event the CONTRACTOR violates this provision, the TOWN shall have the right to terminate this Agreement or any Work Authorization, without liability, and at its sole discretion, to deduct from the Contract Price, or otherwise recover, the full amount of such fee, commission, percentage, gift or consideration.

SECTION 13. INDEPENDENT CONTRACTOR

The CONTRACTOR is an independent contractor under this Agreement and any Work Authorizations. Services provided by the CONTRACTOR shall be by employees of the CONTRACTOR and subject to supervision by the CONTRACTOR, and not as officers, employees, or agents of the TOWN. Personnel policies, tax responsibilities, social security, health insurance, employee benefits, purchasing policies and other similar

Exhibit 6: Standard Professional Services Contract

administrative procedures applicable to services rendered under this Agreement or any Work Authorizations shall be those of the CONTRACTOR.

SECTION 14. ASSIGNMENT; AMENDMENTS

14.1 This Agreement shall not be assigned, transferred or otherwise encumbered, under any circumstances, by CONTRACTOR, without the prior written consent of the TOWN, which may be withheld in the TOWN's sole discretion.

14.2 No modification, amendment or alteration in the terms or conditions of this Agreement shall be effective unless contained in a written document executed with the same formality as this Agreement.

SECTION 15. INDEMNIFICATION/HOLD HARMLESS

15.1 The CONTRACTOR shall indemnify and hold harmless the TOWN and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent such liabilities, damages, losses, or costs are caused by the negligence, recklessness, or intentionally wrongful conduct of the CONTRACTOR or any persons employed or utilized by the CONTRACTOR in the performance of this Agreement or any Work Authorization. . Nothing in this Agreement shall be deemed or treated as a waiver by the Town of any immunity to which it is entitled by law, including but not limited to the Town's sovereign immunity as set forth in Section 768.28, Florida Statutes.

15.2 CONTRACTOR acknowledges that specific consideration has been paid or will be paid under this Agreement and each Work Authorization for the above hold harmless and indemnification provision, and further agrees with the foregoing provisions of indemnity and also agrees with the collateral obligation of insuring said indemnity as set forth in Section 16.

SECTION 16. INSURANCE

The CONTRACTOR shall secure and maintain throughout the duration of this Agreement and any Work Authorization, insurance of such type and in such amounts necessary to protect its interest and the interest of the TOWN against hazards or risks of loss as specified below. The insurance coverage shall be primary insurance with respect to the CONTRACTOR, its officials, employees, agents and volunteers. Any insurance maintained by the TOWN shall be in excess of the CONTRACTOR'S insurance and shall

Exhibit 6: Standard Professional Services Contract

not contribute to the CONTRACTOR'S insurance. The following minimum insurance coverage requirements shall apply on a per project basis:

16.1 **Worker's Compensation and Employer's Liability Insurance:** Coverage to apply for all employees for Statutory Limits as required by applicable State and Federal laws. Employers Liability Limits shall be no lower than $500,000 each accident, $500,000 each employee (disease), $500,000 disease (policy limit).

16.2 **Comprehensive Automobile and Vehicle Liability Insurance**: This insurance shall be written in comprehensive form and shall protect the TOWN and the CONTRACTOR against claims for injuries to members of the public and/or damages to property of others arising from the CONTRACTOR'S use of motor vehicles or any other equipment and shall cover operation with respect to onsite and offsite operations and insurance coverage shall extend to any motor vehicles or other equipment irrespective of whether the same is owned, non-owned, or hired. The limit of liability shall not be less than $1,000,000 per occurrence for Bodily Injury and Property Damage, Hired & Non Owned Auto Liability. Defense Costs must be 'outside the limits' of liability.

16.3 **Comprehensive General Liability.** This insurance shall be written on a "per occurrence" basis only in comprehensive form and shall protect the TOWN and the CONTRACTOR against claims arising from injuries to members of the public or damage to property of others arising out of any act or omission to act of the CONTRACTOR or any of its agents, employees, or subcontractors. The limit of liability shall not be less than $1,000,000 per occurrence combined single limit, or $1,000,000 per occurrence/$2,000,000 general aggregate for Bodily Injury and Property Damage and general aggregate for Products/Completed Operations. Comprehensive General Liability insurance shall include endorsements for property damage; personal injury, contractual liability; completed operations; products liability and independent contractors coverage. Defense Costs must be 'outside the limits' of liability.

16.4 **Professional Liability:** $1,000,000 per incident. If coverage is written on a claims-made form, the retroactive date of coverage shall be no later than the inception date of the claims made coverage, unless the prior act policy was extended indefinitely to cover prior period acts. Provisions shall be made to provide coverage beyond the policy year, when necessary. Defense Costs must be 'outside the limits' of liability.

At the Town's sole discretion, the requirement for professional liability insurance may be waived in certain limited circumstances based on the nature of a specific project.

Exhibit 6: Standard Professional Services Contract

16.5 **Certificate of Insurance:** Concurrent with the execution of this Agreement and prior to the execution of a Work Authorization, the CONTRACTOR shall provide the TOWN an original Certificate of Insurance documenting compliance with each required insurance policy. The TOWN is to be specifically included as an Additional Insured for General Liability and Auto Liability of the CONTRACTOR resulting from operations performed by or on behalf of TOWN in performance of this or any Work Authorization. The General Liability Additional Insured Endorsement MUST include 'Completed Operations' using the latest version of CG 20 37 04 13- Additional Insured-owners, lessees, or contractors- **Completed Operation**s & CG 20 10 04 13 Additional Insured-owners, lessees or contractors-scheduled person or organization. Each Certificates of Insurance shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the TOWN before any policy or coverage is cancelled or restricted. CONTRACTOR's proposed insurance coverage is subject to approval of the Town Manager, in the Town Manager's sole discretion.

CONTRACTOR'S insurance, including that applicable to the TOWN as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the TOWN shall be in excess of and shall not contribute to CONTRACTOR'S insurance. CONTRACTOR'S insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured in the same manner as if separate policies had been issued to each.

16.6 All deductibles or self-insured retentions must be declared to and be approved by the Town Manager. The CONTRACTOR shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim. The Town Manager may require the CONTRACTOR, as a condition of execution of a particular Work Authorization, to provide a bond or other monetary consideration to cover the CONTRACTORS' deductible for Professional Liability Insurance.

16.7 Insurance carriers providing the insurance required by this Agreement or any Work Authorization must be licensed in the State of Florida as evidenced by certificates of authority from the Department of Financial Services of the State of Florida, or have an eligible surplus lines insurer under Florida Statutes. In addition, the insurer must have and must maintain a rating of "A" or better according to the A.M. Best Company. If during the period when an insurer is providing insurance required by this Agreement an insurer shall fail to comply with the foregoing minimum requirements, the Town shall be notified in writing as soon as possible. The Contractor shall have 20 days to replace such insurance with an insurer who meets the acceptable insurance provider requirements as stated herein.

Exhibit 6: Standard Professional Services Contract

16.8 The TOWN reserves the right to change the insurance requirements depending upon the scope of work in a Work Authorization.

SECTION 17. REPRESENTATIVE OF TOWN AND CONTRACTOR

17.1 **TOWN Representative**. It is recognized that questions in the day-to-day conduct of this Agreement will arise. The TOWN designates the Town Manager, or his/her designee, as the person to whom all communications pertaining to the day-to-day conduct of this Agreement shall be addressed.

17.2 **CONTRACTOR Representative**. CONTRACTOR shall inform the TOWN Representative, in writing, of the representative of the CONTRACTOR to whom all communications pertaining to the day-to-day conduct of this Agreement shall be addressed.

SECTION 18. COST AND ATTORNEY'S FEES/WAIVER OF JURY TRIAL

18.1 If either the TOWN or CONTRACTOR is required to enforce the terms of this Agreement or any Work Authorization by court proceedings or otherwise, whether or not formal legal action is required, the prevailing party shall be entitled to recover from the other party all costs, expenses, and attorney's fees in any state or federal administrative, circuit court and appellate court proceedings.

18.2 In the event of any litigation arising out of this Agreement or any Work Authorization, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

SECTION 19. ALL PRIOR AGREEMENTS SUPERSEDED

This document incorporates and includes all prior negotiations, correspondence, conversations, agreements or understandings applicable to the matters contained in this Agreement and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, it is agreed that no deviation from the terms of the Agreement shall be predicated upon any prior representations or agreements whether oral or written.

SECTION 20. CONTRACTOR'S RESPONSIBILITIES

20.1 Any and all drawings, plans, specifications, or other construction or contract documents prepared by the CONTRACTOR shall be accurate, coordinated and

Exhibit 6: Standard Professional Services Contract

adequate for construction, as applicable, and shall comply with all applicable TOWN Codes, county, state and federal laws, rules and regulations.

20.2 The CONTRACTOR shall exercise the same degree of care, skill and diligence in the performance of the services for each Work Authorization as is ordinarily provided by a professional engineer, architect, landscape architect, surveyor or mapper, as applicable, under similar circumstances. If at any time during the term of any Work Authorization or the construction of a specific project for which the CONTRACTOR has provided engineering, architectural landscape, architectural, surveying or mapping services under a prior Work Authorization, it is determined that the CONTRACTOR's documents are incorrect, defective or fail to conform to the Scope of Services of the particular Work Authorization, upon written notification from the TOWN, the CONTRACTOR shall immediately proceed to correct the work, re-perform services that failed to satisfy the foregoing standard of care, and shall pay all costs and expenses associated with correcting said incorrect or defective work, including any additional testing, inspections, and construction and reimbursements to the TOWN for any other services and expenses made necessary thereby, save and except any costs and expenses which the TOWN would have otherwise paid absent the CONTRACTOR's error or omission. The TOWN's rights and remedies under this section are in addition to, and are cumulative of, any and all other rights and remedies provided by this Agreement or the Work Authorization, in equity or otherwise.

20.3 The CONTRACTOR'S obligations under Paragraph 20.2 of this Agreement shall survive termination of this Agreement or Work Authorization.

20.4 CONTRACTOR shall comply with all laws, ordinances, and governmental rules, regulations and order, now or at any time during the term of the Agreement, which are applicable to or which affect the work performed under this Agreement or any Work Authorization or any procedures of the CONTRACTOR for such work.

20.5 CONTRACTOR shall be responsible for technically deficient designs, reports, or studies due to CONTRACTOR's errors and omissions, and shall promptly correct or replace all such deficient design work due to CONTRACTOR's errors and omissions without cost to TOWN upon the request of the TOWN. CONTRACTOR shall also be responsible for the cost of correcting deficient construction, which was built from technically deficient designs. Payment in full by the TOWN for work performed does not constitute a waiver of this provision.

SECTION 21. SUBCONTRACTORS

Exhibit 6: Standard Professional Services Contract

21.1 In the event the CONTRACTOR requires the services of any subcontractors or other professional associates in connection with services covered by any Work Authorization, the CONTRACTOR must secure the prior written approval of the Town Manager.

21.2 Any subcontract with a subcontractor shall afford to the TOWN rights against the subcontractor which correspond to those rights afforded to the TOWN against the CONTRACTOR herein, including but not limited to those rights of termination as set forth herein.

21.3 No reimbursement or payment shall be made to the CONTRACTOR for any subcontractors that have not been previously approved by the TOWN for use by the CONTRACTOR and CONTRACTOR's solely responsible for use of unimproved subcontractors.

21.4 CONTRACTOR shall provide the Town Manager with evidence of insurability consistent with the minimum insurance coverage requirements in Section 16 of this Agreement for all subcontractors proposed by CONTRACTOR to perform services under this Agreement or any Work Authorization. The subcontractors insurance shall list the TOWN as an Additional Insured for General Liability and Auto Liability of the subcontractor resulting from operations performed by or on behalf of TOWN in performance of this Agreement or any Work Authorization.

SECTION 22. NOTICES

Whenever either party desires to give notice to the other, it must be given by hand delivery or written notice, sent by certified United States mail, with return receipt requested or a nationally recognized private mail delivery service, addressed to the party for whom it is intended, at the place last specified, and the place for giving of notice in compliance with the provisions of this paragraph. For the present, the parties designate the following as the respective places for giving of notice, to-wit:

FOR CONTRACTOR:

_____
_____
_____
Telephone: ( )
Facsimile: ( )

Exhibit 6: Standard Professional Services Contract

FOR TOWN:

Town of Lauderdale-By-The-Sea
Attention: Town Manager
4501 N. Ocean Drive
Lauderdale-By-The-Sea, Florida 33308
Telephone: (954) 640-4200

With a copy to:

Town of Lauderdale-By-The-Sea
Attention: Town Attorney
4501 N. Ocean Drive
Lauderdale-By-The-Sea, Florida 33308
Telephone: (954)763-4242

SECTION 23. TRUTH-IN-NEGOTIATION CERTIFICATE

Execution of this Agreement and any Work Authorization by CONTRACTOR shall act as the execution of a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the Compensation of this Agreement or any Work Authorization are accurate, complete, and current at the time of contracting. Each Work Authorization's Contract Prices and any additions shall be adjusted to exclude any significant sums by which the TOWN determines the Work Authorization Contract Price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such adjustments shall be made within one year following the end of each Work Authorization.

SECTION 24. DISPUTE RESOLUTION

24.1 Any dispute concerning performance of this Agreement shall be decided by the TOWN, who shall reduce the decision to writing and serve a copy on the CONTRACTOR. The decision shall be final and conclusive unless within 21 calendar days from the date of receipt, the CONTRACTOR files with the TOWN a petition for administrative hearing. The TOWN's decision on the petition shall be final, subject to the CONTRACTOR's right to review pursuant to Chapter 120, Florida Statutes. Exhaustion of administrative remedies is an absolute condition precedent to the CONTRACTOR's ability to pursue any other form of dispute resolution, including, but not limited to, litigation; provided, however, that the parties may employ the alternative dispute resolution procedures outlined in Chapter 120.

Exhibit 6: Standard Professional Services Contract

24.2 Without limiting the foregoing, the exclusive venue of any legal or equitable action that arises out of or relates to this Agreement shall be the appropriate state court in Broward County, Florida.

SECTION 25. CONSENT TO JURISDICTION

The parties submit to the jurisdiction of any Florida state or federal court in any action or proceeding arising out of relating to this Agreement or any Work Authorization. Venue of any action to enforce this Agreement or any Work Authorization shall be in Broward County, Florida.

SECTION 26. GOVERNING LAW

This Agreement shall be construed in accordance with and governed by the laws of the State of Florida.

SECTION 27. HEADINGS

Headings are for convenience of reference only and shall not be considered in any interpretation of this Agreement.

SECTION 28. EXHIBITS

Each Exhibit referred to in this Agreement forms an essential part of this Agreement. The Exhibits are to be treated as part of this Agreement, and are incorporated by reference.

SECTION 29. SEVERABILITY

If any provision of this Agreement or any Work Authorization or the application thereof to any person or situation shall to any extent, be held invalid or unenforceable, the remainder of this Agreement, and the application of such provisions to persons or situations other than those as to which it shall have been held invalid or unenforceable shall not be affected thereby, and shall continue in full force and effect, and be enforced to the fullest extent permitted by law.

SECTION 30. COUNTERPARTS

This Agreement may be executed in several counterparts, each of which shall be deemed an original, and such counterparts shall constitute one and the same instrument.

Exhibit 6: Standard Professional Services Contract

SECTION 31. SCRUTINIZED COMPANIES

31.1 Contractor certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the City may immediately terminate this Agreement at its sole option if the Contractor or its subcontractors are found to have submitted a false certification; or if the Contractor, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.

31.2 If this Agreement is for more than one million dollars, the Contractor certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. Pursuant to Section 287.135, F.S., the City may immediately terminate this Agreement at its sole option if the Contractor , its affiliates, or its subcontractors are found to have submitted a false certification; or if the Contractor, its affiliates, or its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

31.3 The Contractor agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under this Agreement.

31.4 As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK]

Exhibit 6: Standard Professional Services Contract

IN WITNESS WHEREOF, the parties execute this Agreement on the respective dates under each signature: The TOWN , signing by and through its Town Manager, attested to by its Town Clerk, duly authorized to execute same and by CONTRACTOR by and through its _____, whose representative has been duly authorized to execute same through a resolution of the corporation or partnership.

ATTEST:

_____
Tedra Allen, Town Clerk

APPROVED AS TO FORM
AND SUFFICIENCY:

By: _____
Susan L. Trevarthen, Town Attorney

TOWN OF LAUDERDALE BY-THE-SEA

By:_____
Chris Vincent, Mayor

_____ day of _____, 2020.

_____
William Vance, Town Manager

_____
Lucila Lang, Finance Director

WITNESS:

_____

Print Name:_____

CONTRACTOR

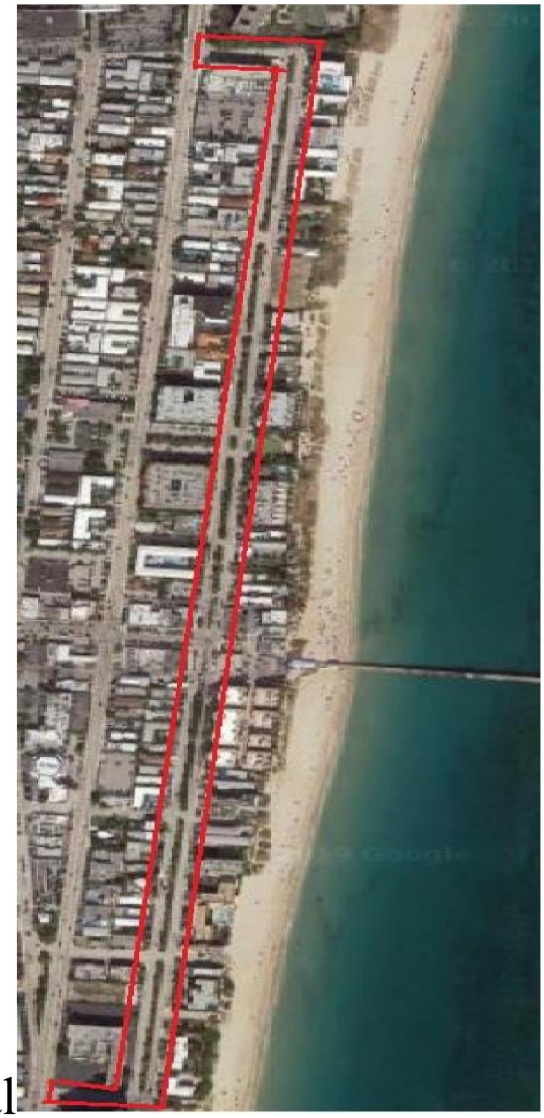
By:_____

Print Name/Title: _____

Date: _____

Exhibit 6: Standard Professional Services Contract

Exhibit 7 El Mar Drive Aerial





EL MAR DRIVE DESIGN SERVICES

RFQ 20-01-01
FEBRUARY 03, 2020

PREPARED FOR:
TOWN OF LAUDERDALE-BY-THE-SEA

SUBMITTED BY:
MR. JEFF SUITER PLA, ASLA
EDSA INC.
1512 East Broward Boulevard, Suite 110
Fort Lauderdale, Florida 33301
954-524-3330
jsuiter@edsaplan.com

LETTER OF TRANSMITTAL

EDSA is pleased to submit our qualifications (RFQ #20-01-01) in response to the El Mar Drive Design. As a **Landscape Architect led team**, we understand that design-based strategies will be the impetus of this project's successful implementation. Our team's qualifications, organization, and technical talents, are based upon our preliminary understanding of your needs, as well as our experience with projects of similar scope and size.

Although we operate at a global scale, EDSA is rooted to South Florida. Since our firm's founding by Ed Stone in 1960, EDSA has shared a close partnership with the communities in which our Landscape Architects live, work, and play. Our established history as leaders in local place-making includes some of South Florida's most renowned public spaces and streetscape improvements, from the Fort Lauderdale beach wave wall, the Delray Beach promenade revitalization project, the Pompano Beach Streetscape and beach park project, and the Dania Beach and Park. Currently in South Florida, EDSA is working on several collaborations, such as the Fort Lauderdale oceanfront plaza and gateway; A1A streetscape improvements; Pier 66 Hotel and Marina, and Lockhart Stadium have allowed us to continue to shape our local public amenities and entertainment venues as communities evolve to meet the needs of a changing population.

We are passionate about designing sustainable outdoor spaces, pedestrian connectivity and dynamic streetscapes for a new generation of residents and visitors to Lauderdale-By-The-Sea. We are excited for the opportunity to work with the Town to expand on the success of the iconic Ocean Plaza and Beach Pavilion, adjacent award-winning beach portals, and recent streetscape improvements and pedestrian connectivity within and to the project site.

The El Mar Drive project will be headed in EDSA's Fort Lauderdale office by Principal Jeff Suiter (PLA, ASLA). Jeff brings over twenty-five years of experience in landscape architecture, detailed design, and complex construction documentation and observation to the project. He will lead the design team in delivering a high-quality project on schedule and within budget. Project Managers Alex Fenech (PLA, ASLA) and Meredith Berry (PLA, ASLA) will assist with project design, leading design staff by managing the production and delivery of work, and coordination with our associated design professionals.

We have assembled the best team of subconsultants possible to ensure that the project's programming, amenities, landscape, lighting, and roadways are integrated to create a cohesive streetscape that establishes a unique sense of place and carries forward the special character and brand recognition of Lauderdale-By-The-Sea. Composed of local firms in Civil Engineering, Surveying, MEP, Sub-surface utilities, Geotech and irrigation, this is a team of experts with successful projects working in the Town of Lauderdale-By-The-Sea and adjacent neighboring communities. Baxter & Woodman will lead our Civil Engineering, Surveying, and assist with public outreach and consensus building, Prevost Stamper will provide irrigation expertise, Credo Consulting Engineers will handle Mechanical, Electrical, and Plumbing needs, Craig A. Smith & Associates is our Sub-surface Utility Engineering specialists, and Terracon is our Geotechnical Services team member.

Upon our site visit, our team is excited about the opportunities to further enhance the El Mar Drive corridor. With further study of the R.O.W., this transformation would increase sidewalks maximizing safety zones for pedestrians, generate designated bike lanes, promote effective stormwater drainage, and celebrate pedestrian movement and connectivity throughout the project site, while deemphasizing the conflicts with vehicular movements. Budget pending, our team would like to investigate burial of the overhead utilities or at a minimum partnering with FPL to install conduit for a future transformation protecting your investment. Using a **design-based approach**, our team will look at the critical components of functionality, circulation and accessibility (ADA compliance) as these elements are integral to the success of these types of projects.

Playing on the pedestrian mobility, lighting is an important element that ensures safety and a since of place with human scale fixtures and placement. Since the limits of the project falls within the Florida Department of Environmental Protection (FDEP), the lighting standards are governed by the Coastal Construction Control Line (CCCL) require the design to comply with Sea Turtle Lighting regulations. Our team has extensive knowledge and success working with the Florida Fish and Wildlife Commission (FWC) bringing great value to the Town. Our recent coastal projects in Pompano Beach, Delray Beach, Dania Beach, and Fort Lauderdale's Las Olas Corridor are a testament of our success working with FWC addressing concerns early in the design process minimizing and or eliminating permitting delays that tend to occur with coastal lighting.

Through a **community-based approach**, our team understands the importance of public involvement, outreach, and consensus building in determining the Town's needs and creating successful, pedestrian-oriented corridors and streetscapes. A successful plan effectively utilizes space inspiring human engagement by layering activity zones together. Our team is adept at creating cohesive visions for streetscape and pedestrian promenade developments with an eye towards innovation, functionality, and community enthusiasm. In pursuing this goal, we make it a point to involve communities and people to become our partners, with consensus-building public workshops, interviews with special interest groups, and messaging boards that are keep current throughout the design and construction process. This approach results in comprehensive, action-oriented plans and superior designs that serve as positive

reflections of the communities in which they reside.

In working with the Town, businesses, and citizens it is important to approach this project with a well thought out, **phased approach during construction**. Maximizing accessibility, contractor transparency, while minimizing hardships to owners, residence and visitors is imperative to the success of the construction period.

Our team is accustomed to public bid projects with traditional contracts, GMP, and Construction Manager at Risk (CMAR). On projects of similar scope and scale, we have seen great success in working with a CMAR to help facilitate project budgets, protect the integrity of the design, and minimize any unexpected risks for our clients. Should the Town decide to go in this direction, the EDSA team will be fully prepared to engage and lead the charge from the design side, to assure Lauderdale-By-The-Sea is getting exactly what was envisioned through the direction of the Town Commissioners and the Public Outreach & Engagement processes.

The Town will be served by a well-qualified team that has also conducted Construction Engineering & Inspection Services (CEI) on various streetscape / hardscape projects and large infrastructure improvement projects throughout South Florida, and specifically for the Town of Lauderdale by the Sea. Our construction services team will provide close oversight and documentation to confirm that quality construction is provided to the Town for the duration of this project. Our approach to construction administration is to provide close coordination with the Town's staff and stay on top of construction issues related to the public's concerns, the Contractor's scheduled activities, and identify any potential conflicts they could cause delays to keep the project on schedule. The construction administration and inspections for the project will be administered by our construction manager who will be "hands-on" during the construction of the project. Our Construction Manager will be responsive to the Town throughout the project. Our Inspectors are also equipped with several innovative tools to share vital information from the project site to our Engineer and Town Staff in real time.

We believe establishing a respectful working relationship with the contractor to effectively resolve potential issues during construction that meet our high level of engineering standards but can also be done in a practical and timely manner, that doesn't create additional costs or time for the contractor.

The **Response Contact,** person authorized to make representations for the EDSA team during the evaluation phase, is:
Jeffrey Suiter, Principal, EDSA
(e) JSuiter@EDSAplan.com
(p) 954-524-3330

The **Contract Administrator**, the person who will be the firm's contact during the term of the contract, is:
Jeffrey Suiter, Principal, EDSA
(e) JSuiter@EDSAplan.com
(p) 954-524-3330

The **Project Manager**, the person who will be assigned as the primary contact with the Town, is:
Jeffrey Suiter, Principal, EDSA
(e) JSuiter@EDSAplan.com
(p) 954-524-3330

Project Manager Profile: A Principal at EDSA, Jeff graduated from Oklahoma State University in 1993 and has over 26 years of experience in Landscape Architecture and Planning. Jeff has completed over 2 dozen streetscape and pedestrian promenade projects during his career and will support this project as a Partner-In-Charge for EDSA and serve as the Response Contact, Contract Administrator, Project Manager and point contact for the Town of Lauderdale-By-The-Sea.

Thank you again, for the opportunity to be a part of your team for this exciting project. Please feel free to call me should you have any questions.

Best personal regards,

Jeffrey R. Suiter, PLA, ASLA
Principal



EL MAR DRIVE DESIGN SERVICES
LAUDERDALE BY THE SEA, FL

FEBRUARY 03, 2020

PREPARED FOR:

TOWN OF LAUDERDALE-BY-THE-SEA

TABLE OF CONTENTS

SECTION 1. ORGANIZATION PROFILE	7
SECTION 2. REFERENCES	47
SECTION 3. INSURANCE	51
SECTION 4. PROFESSIONAL SERVICES CONTRACT	55
SECTION 5. ADDITIONAL FORMS	57
SECTION 6. APPENDIX	65

189


PROPERTY OF
T.B.T.S.
11

SECTION 1

ORGANIZATION PROFILE

- RFQ FORM 1 8
- LICENSES 11
- FIRM OVERVIEW 12
- GUIDING PRINCIPLES 14
- EXPERIENCE 16
- PROPOSED TEAM 29
- RESUMES 30

RFQ FORM 1

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH YOUR RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 1: QUALIFICATIONS STATEMENT

Proposer: EDSA, Inc.

1. State the full and correct name of the partnership, corporation or trade name under which you do business and the address of the place of business. (If a corporation, state the name of the president and secretary. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.)
   a. The correct and full legal name of the Respondent is: EDSA, Inc.
   b. The business is a Corporation.
   c. The names of the corporate officers, or partners, or individuals doing business under a trade name, are as follows:

EDSA PARTNERS:

Doug Smith	President & Principal
Bob Dugan	Principal
Rich Centolella	Principal
Bob Behling	Principal
Marco Larrea	Principal
Paul Kissinger	Principal
Ed Linquist	Principal
Jose Jaguan	Principal
Joaquin Vendrell	Chief Financial Officer
Gregg Sutton	Principal
Scott LaMont	Principal
Keith Weaver	Associate Principal
Kona Gray	Principal
Eric Propes	Associate Principal
Marc Hall	Associate Principal
Jill Martinez	Associate Principal
Jeff Suiter	Principal
Pablo Massari	Associate Principal
Rob Hutcheson	Associate Principal
Courtney Moore	Associate Principal
Ryan Clifton	Associate Principal
Derek Gagne	Associate Principal
Yun Zhao	Associate Principal
Xiang Li	Associate Principal
Cara Critchlow	Executive Vice President Human Resources
Astrid Hoffman	Associate Principal

2. Please describe your company in detail:
   a. Number of employees; 145
   b. Number of years your organization been in business; and, 59 Years
   c. The organization's specialty. Planning, Landscape architecture, Urban Design

RFQ FORMS

3. The contact information (address, telephone and fax) of the principal place of business:
1512 E. Broward Boulevard, Suite 110, Fort Lauderdale, Florida 33301 USA
T: 954.524.3330 - F: 954.524.0177

4. The contact information (address, telephone and fax) of the closest business location to TOWN if different than number 3: N/A

5. Name and title of employees to be assigned to the Town contract, if awarded:
Jeff Suiter, Principal - Alex Fenech, Senior Associate - Meredith Berry, Senior Associate

6. Company identification numbers for the Internal Revenue Service: 59-1265229

7. Broward County business tax receipt number, if applicable, and expiration date:

8. List the last three project of this nature that the firm has completed? Please provide project description, reference and cost of work completed.

DELRAY BEACH, PHASE 1 I Delray Beach, FL
DESCRIPTION: Redevelopment of the recreational corridor addressed accessibility and usability of seaside amenities. Blending the urban fabric with the natural landscape, open spaces are sited along a pedestrian promenade and dunes are arranged inland to reinforce the environmental system.
COST OF WORK: $450,000
REFERENCE: City of Delray Beach, Isaac Kovner, PE (City Engineer), Assistant Public Works Director I T: 561 243 7341 I E: kovner@mydelraybeach.com

SAVANNAH HISTORIC DOWNTOWN STREETSCAPES I Savannah, Georgia
DESCRIPTION: As a part of a larger downtown revitalization initiative, EDSA created a streetscape plan for the City's most storied thoroughfares. The concept is centered on increasing pedestrian, ADA and bicycle safety as well as vehicular functionality, smart transportation design.
COST OF WORK: $830,000
REFERENCE: City of Savannah, Ms. Bridget Lidy, Planning and Urban Design Director I T: 912 525 3097 I E: blidy@savannahga.gov

WATERSTREET TAMPA I Tampa, FL
DESCRIPTION: With a focus on creating an environment that promotes opportunities for social interaction between residents, 481 units share access to a curated collection of amenity spaces that have been thoughtfully designed to cater to a dynamic lifestyle. EDSA provided design documentation for street level landscape, hardscape and lighting within the property footprint.
COST OF WORK: $280,000
REFERENCE: Troy Newberg, Senior Development Manager I T: 813.993.1139 I tnewberg@spprealestate.com

9. Have you ever failed to complete any work awarded to you? If so, where and why?
N/A

RFQ FORMS

10. Provide the following information concerning all contracts that are similar in nature or use the same project team proposed for this contract that are ***in progress*** as of the date of submission of this Response.

Name of Project	Contract With	Contract Amount	Estimated Completion Date	% of Completion to Date
Delray Beach Revitalization	City of Delray Beach, FL	$450,000	January 2020	99%
Mariam Island	Eagle Hills Properties	$293,000	February 2020	90%
Lockhart Stadium	City of Fort Lauderdale, FL	$480,000	March 2020	95%
Waterstreet Tampa	City of Tampa, FL	$280,000	December 2021	90%
Pier 66	Tavistock	$1,000,000	July 2022	75%
Fort Lauderdale Community Park	City of Fort Lauderdale, FL	$50,000	August 2020	30%
Savannah Streetscapes	City of Savannah, GA	$830,000	December 2020	90%
FAT Village	City of Fort Lauderdale, FL	$215,500	June 2022	30%
Haikou Jiandong Parkway	Palm Eco Development	$1,150,000	June 2021	90%
Ramhan Island	Eagle Hills Properties	$115,000	December 2021	75%
Waterstreet Tampa	City of Tampa, FL	$280,000	December 2021	90%
West Cairo	City of West Cairo	$350,000	August 2021	30%

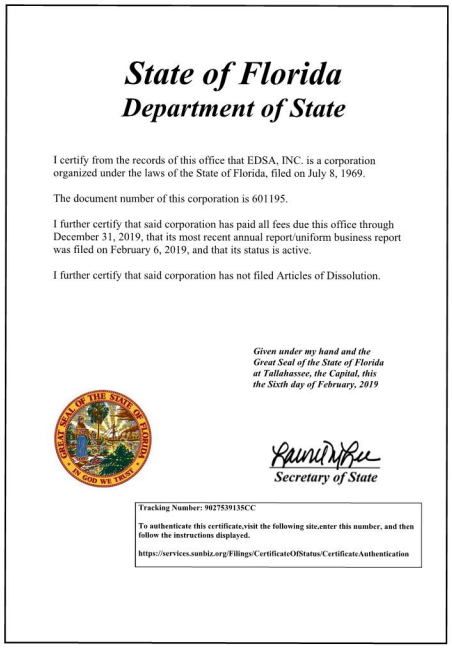
(Continue list as necessary)

Provide the following information for any sub-contractors you propose to engage if awarded a contract.

Subcontractor Name	Contact Information	Work to be Performed
Baxter & Woodman	Rebecca Travis, Vice President E: rtravis@baxterwoodman.com T: 561.655.6175	Civil Engineer, Survey
Credo	Roberto Kachakil, Senior Electrical Engineer & MEP Project Manager E: roberto@credo-engineers.com T: 954.763.2246	MEP
Terracon	Mike O'Connor, Principal Mike.Oconnor@terracon.com	Geotechnical Services
Prevost	Michael Prevost, Director E: mike@designpsi.com T: 407.566.9009	Irrigation
Craig A. Smith & Associates	Stephen C. Smith, Senior Vice President/COO E: SSmith@craigasmith.com T: 561.314.4445	Subsurface Utility

The foregoing list of subcontractors may not be amended after award of the contract without the prior written approval of the Town Manager, whose approval shall not be unreasonably withheld.

LICENSES



State of Florida
Department of State

I certify from the records of this office that EDSA, INC. is a corporation organized under the laws of the State of Florida, filed on July 8, 1969.

The document number of this corporation is 601195.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on February 6, 2019, and that its status is active.

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

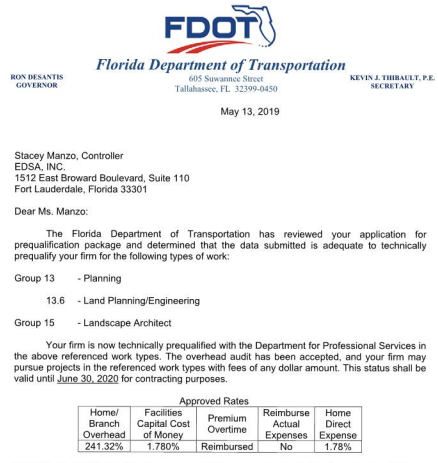
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixth day of February, 2019

Secretary of State

Tracking Number: 9027539135CC

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

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



FDOT
Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

May 13, 2019

Stacey Manzo, Controller
EDSA, INC.
1512 East Broward Boulevard, Suite 110
Fort Lauderdale, Florida 33301

Dear Ms. Manzo:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 13 - Planning

13.6 - Land Planning/Engineering

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
241.32%	1.780%	Reimbursed	No	1.78%

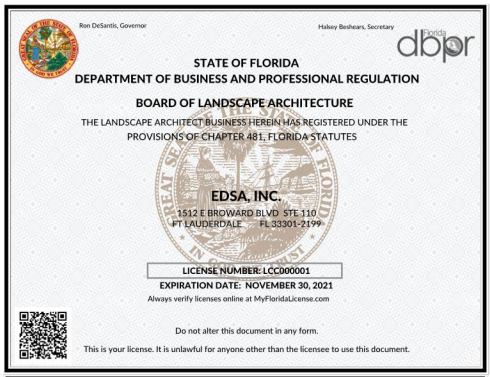
Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

www.fdot.gov



Ron DeSantis, Governor — Halsey Beshears, Secretary — dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

EDSA, INC.
1512 E BROWARD BLVD STE 110
FT LAUDERDALE FL 33301-2199

LICENSE NUMBER: LCC000001
EXPIRATION DATE: NOVEMBER 30, 2021
Always verify licenses online at MyFloridaLicense.com

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

SUITER, JEFFREY R
5940 NE 19TH AVE
FORT LAUDERDALE FL 33308

LICENSE NUMBER: LA6666932
EXPIRATION DATE: NOVEMBER 30, 2021
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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

FENECH, ALEXANDER CARMEL
2400 NE 65TH STREET
APT 625
FORT LAUDERDALE FL 33308

LICENSE NUMBER: LA6667284
EXPIRATION DATE: NOVEMBER 30, 2021
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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

BERRY, MEREDITH ANN
2400 NE 65TH ST
APT 410
FORT LAUDERDALE FL 33308

LICENSE NUMBER: LA6667285
EXPIRATION DATE: NOVEMBER 30, 2021
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edsa

EDSA
1512 E. Broward Boulevard
Fort Lauderdale, FL 33308
954-524-3330
www.edsaplan.com

JEFF SUITER
PLA, ASLA

Jeff Suiter, the project's Partner In Charge, will manage the design team and be responsible for delivering a high quality project on time and within budget.

ALEX FENECH
PLA, ASLA

As Project Manager, Alex will assist with overall site planning and landscape architecture and manage the design team. He will manage production and delivery of work, as well as coordinate with design professionals.

MEREDITH BERRY
PLA, ASLA

As Project Manager, Meredith will assist with overall site planning and landscape architecture and manage the design team. She will manage production and delivery of work, as well as coordinate with design professionals.

EXPERTISE





OUR PRIMARY GOAL IS TO CREATE VALUE THROUGH
EXCELLENT DESIGN COMPLETED ON TIME AND WITHIN BUDGET

196





URBAN SPECIALIZATION

As thought-leaders and innovators, our designers establish venues of public significance that are exceptionally suitable for commercial vitality and city livability. Our specialized skill set addresses the challenges and opportunities of urbanization, utilizing context and community to establish a hierarchy of public spaces that connect people and places, urban form and movement, nature and the built environment.

Our scope of services reflects our commitment to our strengths, and showcases our belief in doing the right thing – for our planet, our clients, and society. Our services include:

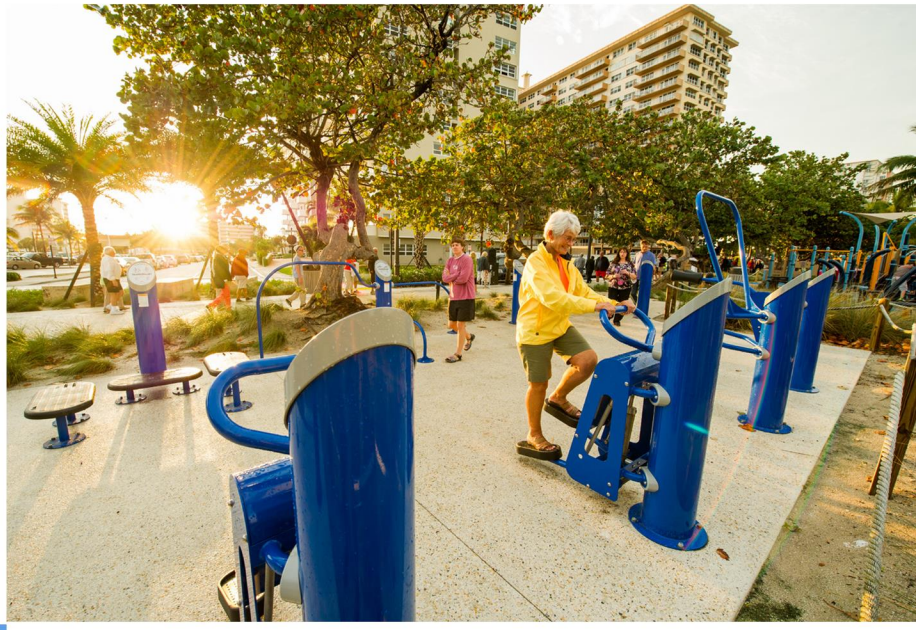
- Visioning/regional planning
- Corridor planning/studies
- Public consensus building
- Strategic implementation plans
- Design guidelines
- Conceptual, schematic, and detailed site design

We have several assignments that focus on the formation of human scaled, critical mass elements such as vibrant commercial centers, residential towers, amenity hubs, town centers, entertainment areas, retail streets, and attractive green spaces that serve as centerpieces around which communities are built.

URBAN ENVIRONMENTS

GUIDING PRINCIPLES

COMPETITION AMONG CITIES IS INTENSE, AND A STRONG POSITION MAXIMIZES A CITY'S VISIBILITY AND DRAW. AT EDSA, WE IDENTIFY THE BEST GROWTH OPPORTUNITIES AND NURTURE THEM – ENSURING THAT ALL CITIZENS ENJOY AND SHARE IN THEIR CITY'S PROSPERITY.





A

CREATE A UNIFIED VISION

"Begin with the end in mind." This philosophy is a focus of EDSA's design process. We work closely with our clients, major stakeholders, and community residents to ensure that the project's vision is a shared one. Involving locals, business owners, and special interest groups in the consensus-building process ensures comprehensive, action-oriented plans and designs that serve as positive reflections of the communities in which they reside.

B

ENSURE ECONOMIC VIABILITY

Thriving communities invite commerce, lead to job creation, create pride in home ownership, and increase property values for a stronger tax base by which to attract newcomers and improve conditions for residents. EDSA assists in garnering public support, private investment, and tax increment financing for programs that address adaptive reuse, increase the attractiveness of spaces, and reinforce a city's brand.



C

DESIGN FOR MEMORABLE EXPERIENCES

Great public spaces are the living room of a city – the place where people come together for social engagement. Adding vitality to a community means creating synergies between uses and public connectivity where life happens. EDSA brings about the character, dynamism, and beauty of a city with textural patterns, vibrant spaces, landmarks, and focal points.

D

ENCOURAGE HEALTHY LIVING

Attractive, pedestrian-friendly streets, greenspace, recreational amenities, and transportation alternatives represent a few of the elements that contribute to good urban form. Wheel-and-spoke, concentric circles to parks and open space provide for active and passive recreation in support of pedestrian-over-vehicle hierarchy.

E

INSIST ON INCLUSIVITY

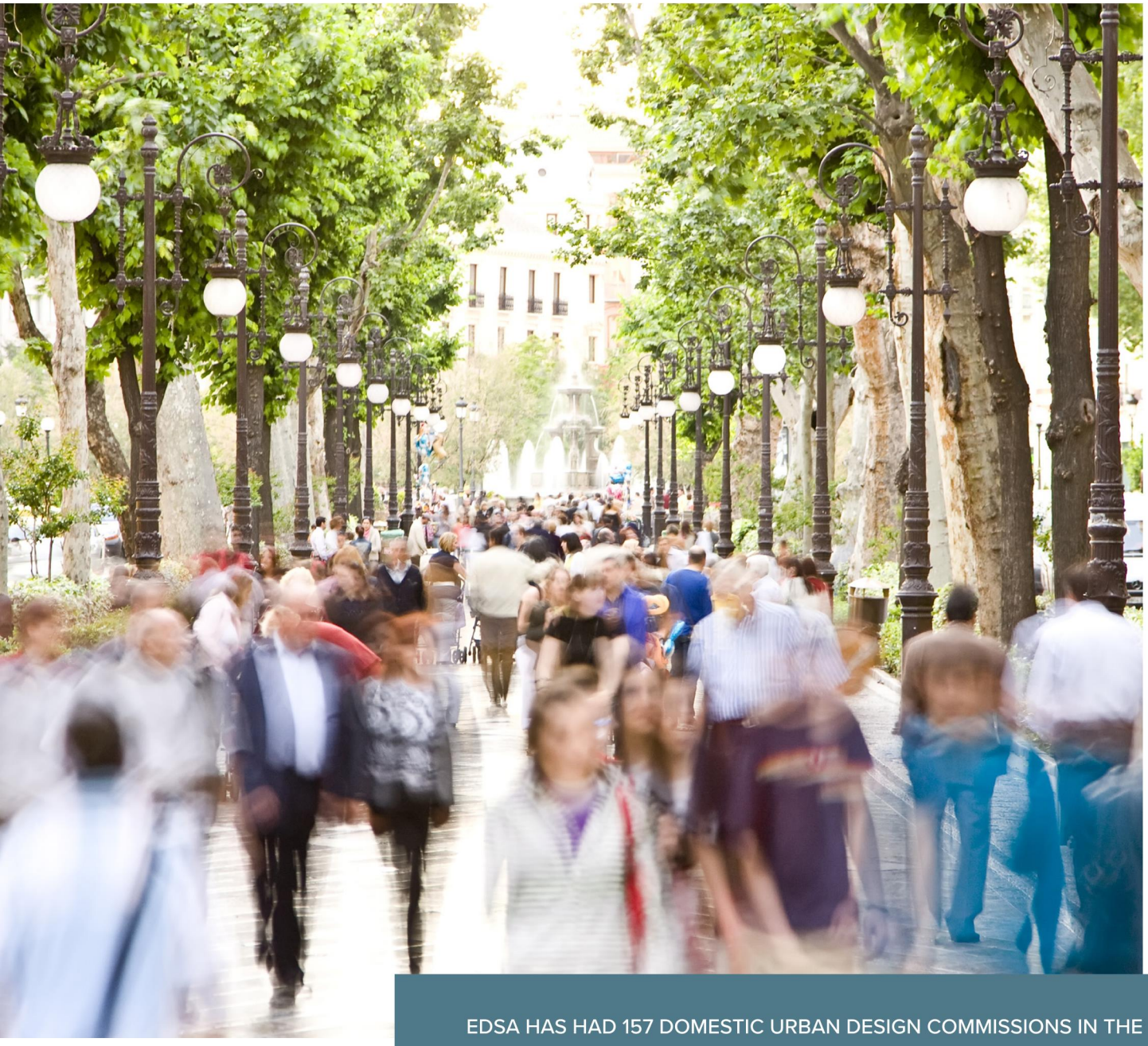
Neighborhoods, where everyone has the equal opportunity and access to public realm offerings, widens resident base, enhances commercial viability, reduces crime, and increases economic activity. Critical to socially harmonious environments are schools, housing, and mass transport, as well as dedicated spaces for special events, sports leagues, and cultural festivals.

F

STRENGTHEN CONNECTIVITY

Properly sited roads, rail, bicycle, and walking networks transform intercity travel, improve efficiencies, and genuinely enhance mobility and compatibility with adjacent neighborhoods. EDSA addresses infrastructure improvements, redevelopment opportunities, and siting of civic amenities with shops, offices, residences, and other attractions strategically accessible by public transportation.

EXPERIENCE



EDSA HAS HAD 157 DOMESTIC URBAN DESIGN COMMISSIONS IN THE PAST 10 YEARS. THE FOLLOWING IS A REPRESENTATION OF OUR WORK AND REFERENCES FOR OUR MOST RELEVANT PROJECTS

200



POMPANO BEACH BLVD STREETSCAPE AND DUNE ENHANCEMENTS

POMPANO BEACH, FLORIDA

CLIENT City of Pompano Beach
SCOPE Detailed Design and Construction Administration
SCALE 3/4 Mile
DATES 2011/2016

REFERENCE Mr. Greg Harrison, City Manager
T: 954 786 4601
E: greg.harrison@copbfl.com

Due to the public nature and high visibility of this project, promoting community engagement and building consensus during the earliest stages was imperative in guiding the framework for this plan. The collaborative and inclusionary process bolstered public support and proved successful in the procurement of additional funds to benefit its implementation. Primary design elements include a signature plaza with interactive water feature, roadway and parking improvements, an extensive beach promenade, multi-purpose kiosk building, and state of the art playground. Critical to the restorative nature of the project was the reestablishment of the deteriorated dune system through native plantings, protective barriers, and controlled beach access.

Working with the Pompano Beach Community Redevelopment Agency (CRA), EDSA led a multidisciplinary team of consultants, in creating a plan for the beach environment and existing streetscape along Pompano Beach Boulevard. Today, the Pompano Beach Streetscape has garnered regional and local acclaim for its promenade, public plaza, and restored dunes.



DELRAY BEACH REVITALIZATION

DELRAY BEACH, FLORIDA

CLIENT City of Delray Beach
SCOPE Conceptual Design through Construction Administration
SCALE 1.5 Miles
DATES Phase 1 - 2016/2018

REFERENCE Ms. Missie Barletto, Assistant Public Works Director
T: 561 243 7000 x4104
E: barlettom@mydelraybeach.com

With the growth and popularity of its beach, revitalization to the area sidewalks, beach access, and usability was top priority for the $3 million project. Drawing from natural colors, the expanded 12-foot sidewalks are designed to mimic the natural transition from dry to wet sand, along with the visual element of shells on the ocean floor. The design concept amplifies the city's most popular recreational corridor, using natural aesthetics and design. Benches surrounding new shower stations, making the areas approachable and manageable for the public. Greater usability enhancements also include bike-sharing racks, water fountains with refillable water bottle stations, and surfboard/ paddleboard shelves. Further blending the urban fabric with the natural landscape, the dunes were arranged slightly inland, reinforcing the beach's world-renowned environmental system.

EDSA provided conceptual design through construction period services for the public realm and open spaces, as well as addressing vehicular and pedestrian circulation associated with the promenade.



SAVANNAH HISTORIC DOWNTOWN STREETSCAPES

SAVANNAH, GEORGIA

CLIENT City of Savannah
SCOPE Conceptual Design, Detailed Design and Construction Documentation
SCALE 3 Complete Streets Encompassing 36 Blocks
DATES 2016/Present

REFERENCE Ms. Bridget Lidy, Planning and Urban Design Director
T: 912 525 3097
E: blidy@savannahga.gov

As a part of a larger downtown revitalization initiative, the City has begun to reclaim some of its most notable streets and urban corridors for its people. Drawing inspiration from the town's historic and coastal roots, the streetscape design concept features widened sidewalks, new walkways, information kiosks, bike racks and lanes, medians, bioswales, and plantings that improve the pedestrian experience. Once implemented, the plan will provide a safe, walkable public realm that enriches resident quality of life and is centered upon visual identity, green infrastructure, ADA and bicycle safety, smart transportation, historic preservation, and vehicular functionality.

During the conceptual design process, EDSA conducted several public meetings to build consensus and garner feedback for the downtown streetscape improvement project. The resulting streetscape plan for three of the city's most storied thoroughfares preserves the city's history and timeless beauty, while continuing to exceed visitors' expectations.



LAS OLAS CORRIDOR IMPROVEMENTS

FORT LAUDERDALE, FLORIDA

CLIENT City of Fort Lauderdale
SCOPE Master Planning, Detailed Design and Construction Administration Services
SCALE 17 Acres
DATES 2015/Present

REFERENCE Mr. Tom Green, Senior Beach Project Manager
T: 954-828-4008
E: tgreen@fortlauderdale.gov

Redefining the visitor experience, the design creates strong visual and physical connections to the beach while prioritizing pedestrian circulation and establishing iconic public gathering spaces. With an understanding for future development, sustainability preferences and programming opportunities, the legacy infill project maintains roadway functionality while preserving view corridors. The concept consolidates parking for increased public green space in addition to establishing boundary markers, creating an arrival court, and reinforcing walkable connections from water to water. The functional design includes streetscape enhancements, multi-modal transportation alternatives and the incorporating of natural and man-made patterns to form a juxtaposition between ecological systems and the urban grid for a catalytic public realm.

As team leader, EDSA provided overall project management, design development and construction period services that address the realignment of Las Olas Boulevard as well as the redevelopment of Oceanside Park, the Intracoastal promenade and public amenity deck in addition to re-purposing surface parking into open green space. EDSA also worked with FDEP and the City to change the lighting policy for improved beach safety for pedestrians and environmental sensitivity to nesting sea turtles.



DANIA BEACH WATERFRONT REVITALIZATION

DANIA BEACH, FLORIDA

CLIENT City of Dania Beach
SCOPE Master Planning, Detailed Design, and Construction Documentation Services
SCALE 26 Acres
DATES 2014/2017

REFERENCE Mr. Marc Laferrier, Community Development Director
T: 954 924 6805 x 3643
E: mLaFerrier@daniabeachfl.gov

As the only public beach in Broward County not bisected by a local highway, its location and fully operational marina create a distinctive sense of place. Rehabilitation efforts for the waterfront focused on preserving its historic ties to Florida's marine industry and timeless natural beauty. Incorporating public outreach input, the master plan and siting of programmed elements enhances the overall aesthetics, functionality, and safety of the site thereby increasing appeal for residents and tourists. As part of design development environmental quality, connectivity, infrastructure, amenity offerings and economic evaluation for future opportunities were addressed. The enhanced public beach and associated facilities are a result of dune restoration, parking and lighting improvements, preservation of native habitats, sea level and storm water solutions, designated pedestrian/bicycle access as well as upgrades to the landscape, facilities, and pier.

EDSA conducted interactive sessions to establish design priorities. The team performed a feasibility analyses to determine funding mechanisms and construction limitations, along with projected direct and indirect revenue sources. Design responsibilities included revitalization planning, conceptual architecture and landscape as well as engineering and development regulations review. Phase 1 is currently under construction.



BOCA RATON WATERFRONT

BOCA RATON, FLORIDA

CLIENT City of Boca Raton
SCOPE Master Planning
SCALE 300 Acres
DATES 2016/Present

REFERENCE Ms. Lynn Kunkle
T: 561-393-7871
E: lkunkle@myboca.us

The highly-recognized master planning project, takes into account 14 existing waterfront park properties. With the goal of improving land/water access and increasing offerings for residents and visitors, the comprehensive plan promotes a mix of social, educational, and economic opportunities while strengthening pedestrian linkages between the properties and with adjacent land uses. By enhancing the waterfront experience and interface, the plan addresses emphasizes both passive and active uses as well as functional open spaces and new facilities for recreation, activities, events, and programming. Improvements include the incorporation of boat launches, boardwalks, nature/fitness trails, exercise areas, treehouse pavilions and observations decks, food and sports kiosks, playgrounds, a high rope-walking course, and community gardens.

EDSA conducted inventory verification and public outreach to develop a cohesive master plan that activates the park sites with interactive and family-friendly alternatives. Focused on the natural environment the plan retains native landscapes, green spaces, and dunes while protecting wildlife and existing habitats.



LAUDERHILL URBAN FORESTRY MASTER PLAN

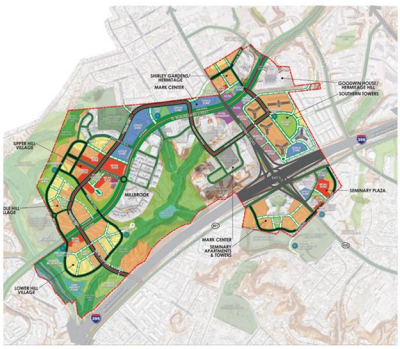
LAUDERHILL, FLORIDA

CLIENT City of Lauderhill
SCOPE Master Planning Services
DATES 2016/Present

REFERENCE Ms. Desorae Giles, Deputy City Manager
T: 954 730 3000
E: dgiles@lauderhill-fl.gov

EDSA provided the City of Lauderhill assistance in grant writing to win state dollars from the Florida Department of Agriculture and Consumer Services, which totaled $75,000, to implement an Urban Forestry Master Plan. The dollars granted will ensure the future of Lauderhill's management, awareness and education of their urban forest. The EDSA Team coordinated an entire city wide tree inventory, field reports, a management plan and master plan report for the City to use as a guide in preserving and reforesting their tree canopy as the City redevelops over time. The reports also help guide the City with ideas and suggestions for recovering from yearly hurricane season damages.

EDSA worked in conjunction with the Florida Tree Trust to schedule nationally renowned speaker Tim Womick to speak to three Lauderhill elementary schools on the importance of trees and community involvement. The children of today will be the ones entrusted to the care of Lauderhill's Urban Forest in the future so it is important to educate them and get them excited about their community and en-vironment today.



BEAUREGARD CORRIDOR PLAN

ALEXANDRIA, VIRGINIA

EDSA led a multidisciplinary team working to restore balance between congestion relief, new transportation and transit choices, future land uses, development density and character, and open spaces while preparing a transit-oriented corridor vision and redevelopment plan for a portion of the Alexandria West Community.

EDSA's recommendations have emphasized the need to establish a series of community parks, open spaces and activity centers, which are well linked within a pedestrian-friendly and walkable environment.

CLIENT City of Alexandria, Virginia
SCOPE Master Planning Services
SCALE 400 Acres
DATES 2009/2011

REFERENCE Mr. Dirk Geratz, Principal Planner
T: 703 746 3815
E: Dirk.Geratz@alexandriava.gov



OWENSBORO CONSTRUCTION SERVICES

NORMAN, OKLAHOMA

Reclaiming the riverfront as a public recreational amenity, this master plan details a walkable promenade, signature accessible playground, outdoor children's museum, marina facilities, streetscape improvements, and pocket parks. The design is unified through detailed elements such as a fountain plaza that pays homage, in pattern, to the rooster tail of a hydroplane boat. Focal points and a series of outdoor event spaces connect to the existing street grid for an inviting public realm. In creating a downtown critical mass, the waterfront district includes iconic entryways, traffic calming roadways, and expanded pedestrian access to the water through cohesive landscape treatments, entry statements, hardscape, lighting, and site furnishings.

For nearly a decade, EDSA led a series of community consensus building efforts resulting in a master plan and implementation of several strategic projects including the Riverpark Center, Mitch McConnell Plaza, POW/MIA Memorial, English Park Scenic Overlook, Smothers Park, and Riverfront Crossing. As a result of the plan and projects, the riverfront has sparked a tremendous amount of redevelopment for the warm-hearted town.

CLIENT City of Owensboro
SCOPE Master Planning, Detailed Design, and Construction Administration Services
SCALE 150 Acres
DATES 2004/2014

REFERENCE City of Owensboro
Mr. William Parrish, City Manager
T: 270 687 8550
E: parrishwe@owensboro.org

Mr. Tony Cecil, former Operations Manager, City of Owensboro
T: 270 929 4188
E: tcecil@gmail.com

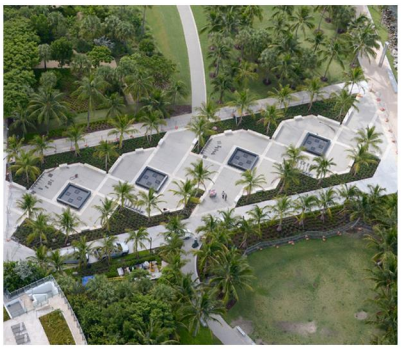


BLUEWAYS MASTER PLAN

MIAMI BEACH, FLORIDA

Through analysis, community outreach and master planning efforts, EDSA identified opportunities to maximize utilization of the waterways and associated upland areas with a mixture of compatible functions that both activate and celebrate the waterfront.

CLIENT City of Miami Beach
SCOPE Master Planning Services
SCALE 18.7 Square Miles
DATES 2014/2015
REFERENCE Mr. John Rebar, Parks & Recreation Director
T: 305 673 7730
E: JohnRebar@miamibeachfl.gov



SOUTH POINTE PARK FOUNTAIN PLAZA REMEDIATION

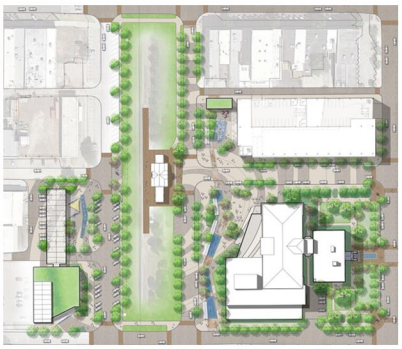
MIAMI BEACH, FLORIDA

Envisioned as a gateway element and civic destination, the re-imagined plaza design creates a signature open space within the existing urban park. An important pedestrian thoroughfare, the entry statement blends within the prevailing green network and capitalizes on axial views of the waterfront and scenic background.

EDSA helped redefine the visual language of the fountain plaza with a transformative design that echoes, yet revitalizes the original de-sign intent for the park and offers residents and visitors a much needed urban oasis.

CLIENT City of Miami Beach
SCOPE Conceptual Design, Detailed Design, and Construction Administration Services
SCALE 14,000 Square Feet
DATES 2014/2019

REFERENCE Mr. Jorge Rodriguez
T: (305) 673-7080
E: jorgerodriguez@miamibeachfl.gov



CLEVELAND COUNTY COURTHOUSE

NORMAN, OKLAHOMA

Re-purposed as a city hub and community destination, the historic site focuses on health, wellness and the pedestrian experience. EDSA led a multidisciplinary team in developing a master plan that addressed the spatial needs of the courthouse, provided parking alternatives and created a gateway between downtown Norman and the surrounding communities.

CLIENT Cleveland County / ADG, PC
SCOPE Master Planning
SCALE 8 Acres
DATES 2016/2017

REFERENCE Mr. A.J. Kirkpatrick, Director of Urban Planning
T: 405.232.5700 / 405.239.3289
E: akirkpatrick@adgokc.com

ADDITIONAL RELEVANT EXPERIENCE

1010 Water Street Tampa
Tampa, Florida

17th Street Bridge
Fort Lauderdale, Florida

A1A Daytona Beach Streetscape
Daytona Beach, Florida

Aruba Streetscape
Oranjestad, Aruba

Atlantic Beach Gateway
Atlantic City, New Jersey

Boca Raton Wildflower / Silver Palm Park Detail Design
Boca Raton, Florida

Bowling Green Downtown
Bowling Green, Kentucky

Brickell World Plaza
Miami, Florida

Brightline
Miami and West Palm Beach, Florida

Broward County Main Library
Fort Lauderdale, Florida

Central Broward East West Transit
Broward County, Florida

Central Broward Regional Park
Broward County, Florida

Charles County Waterfront
Annapolis, Maryland

Church Street District
Orlando, Florida

City of Rockville Transit Study
Rockville, Maryland

Columbus Riverfront
Columbus, Georgia

CPTED Sunrise Boulevard
Fort Lauderdale, Florida

Dadeland Urban Design
Dade County, Florida

Dania Beach CRA
Dania Beach, Florida

Dania Beach Waterfront Revitalization
Dania Beach, Florida

Davie RAC Master Plan
Davie, Florida

Deerfield Beach CRA
Deerfield Beach, Florida

Deerfield Beach Ocean Way
Deerfield Beach, Florida

Deerfield Beach Revitalization
Deerfield Beach, Florida

Delray Beach Revitalization
Delray Beach, Florida

Destin Harbor Redevelopment
Destin, Florida

Florida East Coast Railway Corridor
Broward County, Florida

Fort Lauderdale Beach Revitalization
Fort Lauderdale, Florida

Fort Lauderdale Hollywood International Airport
Fort Lauderdale, Florida

Fort Lauderdale Riverwalk
Fort Lauderdale, Florida

Fort Lauderdale Streetscapes
Fort Lauderdale, Florida

Holiday Park
Fort Lauderdale, Florida

Hollywood Waterways
Hollywood, Florida

Indigenous Park
Key West, Florida

Kennedy Center
Washington, D.C.

Kester Point Marina and Boardwalk
Deerfield Beach, Florida

La Puente Parks Master Plan
La Puente, California

Lake Charles Lakefront Action Plan
Lake Charles, Louisiana

Lake Worth Master Plan
Lake Worth, Florida

Lauderhill Caribbean Promenade
Lauderhill, Florida

Lauderhill Central CRA
Lauderhill, Florida

Lauderhill Streetscapes
Lauderhill, Florida

Lehigh River Waterfront
Allentown, Pennsylvania

Maritime Park
Pensacola, Florida

Memphis Riverfront
Memphis, Tennessee

Metropica
Sunrise, Florida

Millville Riverfront
Millville, New Jersey

Mitch McConnell Riverwalk & Plaza
Owensboro, Kentucky

Mobile Urban Planning
Mobile, Alabama

New Orleans District Planning
New Orleans, Louisiana

Oakland Park CRA
Oakland Park, Florida

Oakland Park Redevelopment
Oakland Park, Florida

Oakland Park Streetscapes
Oakland Park, Florida

Old Pompano Civic Plaza
Pompano Beach, Florida

Old South Baton Rouge
Baton Rouge, Louisiana

Orlando International Airport
Orlando, Florida

Park Place
Annapolis, Maryland

Pine Trails Park
Parkland, Florida

Pioneer Park
Deerfield Beach, Florida

Pompano Beach Complete Streets
Pompano Beach, Florida

Pompano Downtown Connectivity Plan
Pompano Beach, Florida

Prince George County Subregion
Prince George County, Maryland

Prince William County Admin Building
Prince William County, Virginia

Renaissance Park
Lauderhill, Florida

Riviera Beach Marine District
Riviera Beach, Florida

Rowan Boulevard
Glassboro, New Jersey

Santa Rosa Island Beautification
Pensacola Beach, Florida

Smothers Park
Owensboro, Kentucky

South Pointe Park
Miami Beach, Florida

Sunrise Streetscapes
Sunrise, Florida

Tri-County Commuter Rail
Dade, Broward, and Palm Beach Counties, Florida

Upper Marlboro
Upper Marlboro, Maryland

Virginia Key Master Plan
Virginia Key, Florida

Waldorf Urban Design Study
Waldorf, Maryland

Waller Park Capitol Center
Tallahassee, Florida

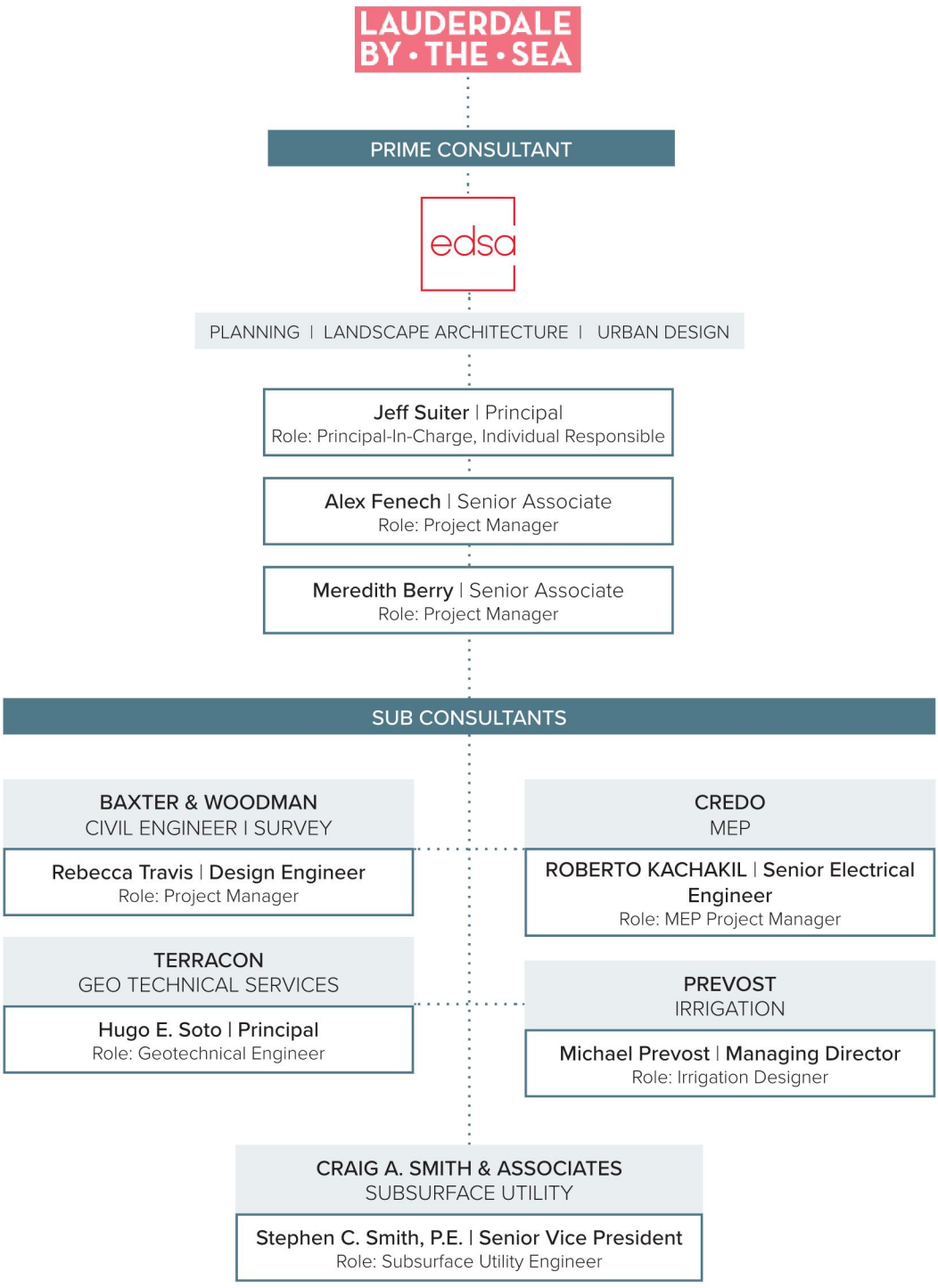
PROPOSED TEAM



OUR TEAMS ARE ORGANIZED WITH COMPLEMENTARY SKILLS AND TALENTS, RELEVANT EXPERTISE, AND INSIGHTS REGARDING THE SPECIFIC PROJECT AT HAND.

212

TEAM ORGANIZATION CHART





INDIVIDUAL RESPONSIBLE

JEFF SUITER PLA, ASLA

PRINCIPAL

BACKGROUND

Through an explorative and collaborative design process, Jeff has a keen ability to visualize the connection between design and construction implementation. He has developed and nurtured numerous client relationships and attributes a great deal of his professional growth to the people and projects with whom he has had an opportunity to work. He finds great reward in seeing how patrons of the world's landscapes positively respond to the spaces he has created. His sensitivity to a project site extends beyond sustainability to include the expression of people. Jeff's experience in land planning, detailed design, and complex construction documentation and observation extends to resort destinations, urban environments, and residential developments.

EDUCATION
Oklahoma State University, Bachelor of Landscape Architecture, 1993

REGISTRATION
Landscape Architect (Florida), #6666932

AFFILIATIONS
American Society of Landscape Architects
Urban Land Institute

AWARDS
2012 Distinguished Landscape Alumni - Oklahoma State University

COMMUNITY INVOLVEMENT
Oklahoma State University, Professional Advisory Council for Landscape Architecture, Vice Chair

Broward County, Public Art & Design Committee, Member

RELEVANT EXPERIENCE

17th Street Causeway Bridge, Fort Lauderdale, Florida: Revitalization of the bridge's condition, capacity, and surroundings included new pedestrian areas, parking, bike lanes, and an updated appearance. EDSA served as project landscape architect and member of the post-design team.

Cleveland County Courthouse, Norman, Oklahoma: Re-purposed as a city hub and community destination, the historic site focuses on health, wellness and the pedestrian experience. EDSA led a multidisciplinary team in developing a master plan that addressed the spatial needs of the courthouse, provided parking alternatives and created a gateway between downtown Norman and the surrounding communities.

Delray Beach Revitalization, Delray Beach, Florida: Redevelopment of the recreational corridor addressed accessibility and usability of seaside amenities. Blending the urban fabric with the natural landscape, open spaces are sited along a pedestrian promenade and dunes are arranged inland to reinforce environmental systems. As principal in charge, Jeff led all design and construction administration efforts.

Fort Lauderdale Streetscapes, Fort Lauderdale, Florida: Jeff served as project manager for this $3 million restoration project that established design guidelines for the streetscapes and thoroughfares of the downtown district. EDSA's design aesthetic addressed walking surfaces, building interfaces, right of way space, future utilities, planting, and lighting details.

Jack Cincinnati | Horseshoe Cincinnati | Ohio Caesars Casino, Cincinnati, Ohio: The arrangement of pocket parks, an event lawn, and entertainment venues enhances pedestrian connectivity and walkability with a public presence and symbolic gateway that draws people to the space. As project manager, Jeff conducted extensive studies on event staging and infrastructure, as well as providing conceptual design, detailed design, and construction administration services.

Las Olas Boulevard Corridor, Fort Lauderdale, Florida: Redefining the beach experience, the design creates strong visual and physical connections to the ocean while prioritizing pedestrian circulation and public gathering spaces. Improvements include streetscape enhancements, multi-modal transportation, and the incorporation of natural and man-made patterns that juxtapose ecological systems and the urban grid. EDSA provided team leadership for all design phases and construction period services.

Lockhart Stadium, Fort Lauderdale, Florida: Redevelopment of this historic stadium provided a home for Major League Soccer's newest expansion team, InterMiami CF. The Public-Private-Partnership intertwines an MLS Stadium, training facility, soccer academy and a high school sports complex on 35 acres. A welcomed juxtaposition to the neighboring Executive Airport and adjacent warehouse district, EDSA provided conceptual design through construction administration. Jeff served as Principal-In-Charge.



BACKGROUND

Possessing an appetite for complex problem solving, Alex synthesizes conceptual ideas and practical design solutions with creative programming and natural systems integration. He approaches every assignment with a holistic sense of awareness, incorporating details that amplify the users' experience and their emotional connection to a space. Talented at understanding and appreciating site dynamics, project scale, and constructibility, Alex has witnessed the realization of his design intent in built form. Maintaining clients' objectives and project parameters, he continuously strives for excellence in design and process.

EDUCATION
Michigan State University, Bachelor of Landscape Architecture, 2011

REGISTRATION
Landscape Architect (Florida), #6667284

CLARB Certified

National Playground Safety Institute, Certified Playground Safety Inspector

AFFILIATIONS
American Society of Landscape Architects, Florida Chapter, President-Elect

American Society of Landscape Architects, Florida Chapter Executive Committee.

ALEXANDER FENECH PLA, ASLA

SENIOR ASSOCIATE

RELEVANT EXPERIENCE

1010 Water Street, Tampa, Florida: With a focus on creating an environment that promotes opportunities for social interaction between residents, 481 units share access to a curated collection of amenity spaces that have been thoughtfully designed to cater to a dynamic lifestyle. EDSA provided design documentation for street level landscape, hardscape and lighting within the property footprint.

Costa Verde, Panama City, Panama: The live/work environment has housing, neighborhood commercial centers, schools, medical facilities, sports venues, parks and transportation hubs. The diverse topography has been incorporated into an open space network with trails, development buffers and a natural stormwater management system. EDSA provided master planning,detailed design and construction period services.

Delray Beach Revitalization, Delray Beach, Florida: Redevelopment of the recreational corridor addressed accessibility and usability of seaside amenities. Blending the urban fabric with the natural landscape, open spaces are sited along a pedestrian promenade and dunes are arranged inland to reinforce the environmental system. As Project Manager, Alex was intricately involved in all aspects of design and construction administration.

Kingston Redevelopment Plan, Kingston, Jamaica: As part of an multi-disciplinary team, EDSA is aiding the Jamaican government with redevelopment efforts. The master plan includes downtown Kingston, facilities for the Houses of Parliament, a government campus, cruise ship pier, residential housing, and commercial infrastructure. Alex aided in the development of a master plan.

Lockhart Community Park, Fort Lauderdale, Florida: A P3 (Public-Private-Partnership) between InterMiami CF Soccer and the City of Fort Lauderdale, the 30-acre park creates a public realm synergy and unified sense of place among two adjacent properties. As Project Manager and Lead Designer, Alex's conceptual design suggested programming and detailing of multi-purpose fields, a community center, aquatic center, dog park, fitness trails, recreational spaces, playground and all open green spaces.

Lockhart Stadium, Fort Lauderdale, Florida: The re-development of a historic stadium site, gave way to the home of MLS's (Major League Soccer) newest expansion team. This P3 (Public-Private-Partnership) providing opportunities for unique programming and design challenges. Intertwining an MLS Stadium, Training Facility and Soccer Academy fields and facilities and a high school sports complex on 35 acres of City land provided a unique but welcomed juxtaposition to neighboring Fort Lauderdale Executive Airport and the adjacent warehouse district. EDSA provided Conceptual Design through Construction Documentation and is currently in the Construction Administration Phase as the project is set to open in February of 2020. Alex is the Project Manager.



BACKGROUND

Driven to design uplifting places for people and communities, Meredith finds inspiration in creating spaces that are explored and enjoyed as part of everyday life. She believes compelling and memorable outcomes are the result of developing and maintaining a consistent narrative and theme that serves as a framework for the entire design – from overall forms to detailing hardscape and plant materials. With a deep admiration for nature and the arts, she views every project, regardless of scale or context, as an opportunity to do something unique, creative and special. For Meredith, the measure of a project's true success is seeing people enjoy the environments she has the fortune to create.

EDUCATION
West Virginia University, Bachelor of Landscape Architecture, 2009

Distinguished Alumni Award for Landscape Architecture

REGISTRATIONS
Landscape Architect (FL) #6667285

AFFILIATIONS
American Society of Landscape Architects

TEACHING ASSIGNMENTS
West Virginia University, Theory of Landscape Architecture, Undergraduate Teaching Assistant

West Virginia University, Writing Center Tutor

edsa

MEREDITH BERRY PLA, ASLA

SENIOR ASSOCIATE

RELEVANT EXPERIENCE

Las Olas Boulevard Improvements, Fort Lauderdale, Florida: Design of the urban corridor creates visual and physical connections to the beach while prioritizing pedestrian circulation and establishing iconic public spaces. EDSA provided team leadership, design development and construction period services for the road realignment as well as redevelopment of Oceanside Park, the Intracoastal promenade and Channel Square Canal.

Lockhart Stadium, Fort Lauderdale, Florida: Helping to restore the historic stadium, renovations include upgrades to the main building as a state-of-the-art MLS academy training facility in addition to enhanced community features such as pedestrian trails, public parks, a destination playground, public fields, a splash pad, community pool and multi-use community center. EDSA is providing conceptual and schematic design for all landscape and hardscape elements including lighting, site furnishing, fencing and gate details. Meredith is serving as Lead Designer.

Maryam Island, Sharjah, United Arab Emirates: The 38 hectare development of a unique mixed-use Residential, Commercial, Hospitality and Leisure development with 26 hectares dedicated for residential dwellings that caters for a cross-section of the community and that is commercially feasible. The full development is to include also hospitality and retail and the requisite support services and amenities. The landscape and public realm design which extends and connects with an extensive canal system, adding a key visual amenity to the community, create a vibrant and integrated lifestyle on the water's edge. The Master Plan has an extensive canal system adding a key visual amenity to the scheme. EDSA's scope includes Conceptual Design, Detailed Design, and Tendering Assistance through project completion As Project Manager and Lead Designer, Meredith provided detailed design and tender assistance.

Pompano Beach Old Town Plaza, Pompano Beach, Florida: As the first phase of an urban block redevelopment, improvements to the civic plaza included hardscape design, landscape beautification, detailing of focal elements, pedestrian lighting and site furnishings. EDSA provided design development and construction period services for the design-build. Meredith served as Project Manager and Lead Designer.

Pompano Beach Fishing Village | Pier Redevelopment, Pompano Beach, Florida: Spanning more than six oceanfront acres, the 48,000-square-foot retail space includes a unique pedestrian promenade that links the pier to the Intracoastal Waterway. EDSA provided site planning and detailed design.

Vinhomes Central Park, Ho Chi Minh, Vietnam: An oasis within the dense urban fabric, the reclaimed waterfront park features iconic bridges, expansive lawns, riverfront gardens, versatile plazas, restaurants, a marina, sports courts and promenade. Amenities are connected by a multi-use trail while overhead breezeways link the park to an expanded residential area. As Lead Designer, Meredith provided conceptual design, detailed design and construction observation services for this fast-paced project.



BAXTER & WOODMAN Consulting Engineers

REBECCA TRAVIS, PE, ENV SP

DESIGN ENGINEER

BACKGROUND

Rebecca Travis has 36 years of progressively responsible civil engineering design and project management experience in both private sector residential and commercial land development, as well as municipal stormwater, roadway and utility projects.

Her range of experience includes performance of complex professional engineering work involving investigation, planning, design development, permitting, management and construction of public and private developer improvement projects.

EDUCATION

Iowa State University, Bachelor of Civil Engineering, 1984

REGISTRATIONS

Professional Engineer (Florida), #40988

LEED Green Associate

Envision Sustainability Professional (ENV SP)

Florida Dept of Environmental Protection, Stormwater Erosion & Sedimentation Control Qualified Stormwater Management Inspector, #34512

AFFILIATIONS

National Association of Women in Construction: Chapter Treasurer, 1994 & 2003; Chapter Board member 1994 thru 2006, 2011 to present

Water Environment Federation

American Water Works Association

American Public Works Association

Florida Stormwater Association

CERTIFICATIONS

Florida Dept of Transportation, GAP Web-based System for Local Project Delivery

RELEVANT EXPERIENCE

Terra Mar Drainage Study, Lauderdale-By-The-Sea, FL: Review of letter report summarizing the findings of various assessments that were performed, including the condition of the pipes, permitting coordination, and modeling results.

Beach Master Plan - Phase 2 Construction, Delray Beach, FL: Assisted with RFI responses and permit research for installation of beach pedestrian lighting for the beach promenade, and intersection improvements focusing on pedestrian roadway crosswalks along South Ocean Boulevard.

Lake Shore Drive Drainage Improvements, Lake Park, FL: Project director and engineering designer for roadway, ADA compliant pathway, and other related improvements on Lake Shore Drive starting from the entrance of the Lake Park Marina north 3,220 feet to Castlewood Drive. The Preliminary Design Report included stormwater modeling analysis to compare drainage alternatives and to size drainage facilities for the appropriate level of protection.

Southgate Boulevard Streetscape Improvements, Tamarac, FL: Project Manager for providing engineering design and permitting of Southgate Boulevard Streetscape Improvements. Approximately 4,200 feet in length, the work included design of a curvilinear roadway with an alternating 2-lane undivided/divided section, including two roundabouts. Landscaping and irrigation was also provided for this traffic calming and beautification project.

2nd Avenue South Roadway Improvements, Lake Worth Beach, FL: Project Manager for the design, permitting, bidding and construction management for the replacement of an existing roadway section with a heavy duty pavement section for downtown truck bypass with new sidewalk, curbing, green space, signing and marking.

$40 Million Neighborhood Road Program, Lake Worth Beach, FL: Project Manager for the design, permitting and construction administration services for various utility and roadway mill and overlay or reconstruction projects as identified and prioritized for the northwestern quadrant of the City. The scope of work for this on-going 4-year neighborhood roadway improvement program includes water and sewer replacement, sidewalk and ADA compliance, signing, marking, and traffic calming and public involvement during design and construction.

Monroe Drive and Monceaux Road Improvements, West Palm Beach, FL: Project Engineer for the design of the pavement and drainage system replacement. The design required coordination for the connection to existing downstream facilities and coordination of the pavement grades in order to match existing residential and commercial driveways.

Rutland Boulevard Improvements, West Palm Beach, FL: : Design Engineer for improvements to roadway, decorative street lighting, stormwater system, wastewater system, lift stations, force main and water system. Conducted numerous public meetings with residents and the district City Commissioner to obtain buy-in on the proposed roadway cross-section and improvements.



BAXTER & WOODMAN Consulting Engineers

COURTNEY MARSHALL, PE

DESIGN ENGINEER

BACKGROUND

Courtney Marshall has 7 years of detailed engineering design, permitting, and bidding assistance experience.

She roputinely provides engineering services for roadway and infrastructure improvements, stormwater management systems, potable water systems, reclaimed water systems and wastewater collection and transmission systems.

EDUCATION
University of Florida, Bachelor of Environmental Engineering, 2013

REGISTRATIONS
Professional Engineer (Florida), #88881

CERTIFICATIONS
Florida Dept of Transportation, GAP Web-based System for Local Project Delivery

RELEVANT EXPERIENCE

Terra Mar Drainage Study, Lauderdale-By-The-Sea, FL: Project Engineer for data collection, permit coordination, hydrologic and hydraulic modeling, and drainage analysis to determine extent of drainage improvements need to reduce flooding in the Terra Mar community. A letter report summarizing the findings of the assessments that were performed, including the condition of the pipes, permitting coordination, and modeling results, was provided.

Terra Mar Drainage Improvements, Lauderdale-By-The-Sea, FL: Project Engineer for data collection, drainage design, permitting, bidding, and construction services for drainage improvements for Terra Mar Neighborhood. Project components included drainage improvements (piping and catch basin), outfall improvements, and roadway improvements.

Basin Drive Stormwater Improvements, Lauderdale-by-the-Sea, FL: Project Engineer for design of a new drainage system along Basin Drive. Design elements included: piping and catch basins; milling and resurfacing the roadway; swale areas plus the conversion to parking areas.

Beach Master Plan - Phase 2 Construction, Delray Beach, FL: Provided public outreach services for installation of beach pedestrian lighting for the beach promenade, and intersection improvements focusing on pedestrian roadway crosswalks along South Ocean Boulevard.

Lake Shore Drive Drainage Improvements, Lake Park, FL: Project Engineer for roadway, ADA compliant pathway, and other related improvements on Lake Shore Drive starting from the entrance of the Lake Park Marina north 3,220 feet to Castlewood Drive. The Preliminary Design Report included stormwater modeling analysis to compare drainage alternatives and to size drainage facilities for the appropriate level of protection.

2nd Avenue South Roadway Improvements, Lake Worth Beach, FL: Project Engineer for the design, permitting, bidding and construction management for the replacement of an existing roadway section with a heavy duty pavement section for downtown truck bypass with new sidewalk, curbing, green space, signing and marking.

$40 Million Neighborhood Road Program, Lake Worth Beach, FL:
District 2 - Year 1 – Project Engineer for the design, bidding and construction engineering services for roadway reconstruction mill/overlay; selective sidewalk and curbing replacement (ADA compliant); roadway striping and signage; stormwater; and sanitary sewer improvements for residential roads. District 2 – Year 2 – Project Engineer for the design, bidding and construction engineering services for roadway reconstruction; selective sidewalk and curbing replacement (ADA compliant); roadway striping and signage; water main and stormwater improvements for residential roads.



BAXTER & WOODMAN Consulting Engineers

JEFFREY HISCOCK, PE

STORMWATER ENGINEER

BACKGROUND

Jeff Hiscock has over 30 years of engineering management experience with focus on water management engineering, stormwater pumping station design, and Geographic Information Systems (GIS) programming.

Jeff is specifically experienced with watershed assessments and detailed basin flood-routing analyses using computational hydrology and hydraulics computer modeling, and GIS.

EDUCATION

University of Florida, Bachelor of Mechanical Engineering, 1986

REGISTRATIONS

Professional Engineer (Florida), #43984

RELEVANT EXPERIENCE

Terra Mar Drainage Study, Lauderdale-By-The-Sea, FL: Project Manager for data collection, permit coordination, hydrologic and hydraulic modeling, and drainage analysis to determine extent of drainage improvements need to reduce flooding in the Terra Mar community. A letter report summarizing the findings of the assessments that were performed, including the condition of the pipes, permitting coordination, and modeling results, was provided.

Terra Mar Drainage Improvements, Lauderdale-By-The-Sea, FL: Project Manager for data collection, drainage design, permitting, bidding, and construction services for drainage improvements for Terra Mar Neighborhood. Project components included drainage improvements (piping and catch basin), outfall improvements, and roadway improvements.

Lake Shore Drive Drainage Improvements, Lake Park, FL: Project Manager for roadway, ADA compliant pathway, and other related improvements on Lake Shore Drive starting from the entrance of the Lake Park Marina north 3,220 feet to Castlewood Drive. The Preliminary Design Report included stormwater modeling analysis to compare drainage alternatives and to size drainage facilities for the appropriate level of protection.

Stormwater Master Plan, West Palm Beach, FL: Project Manager and Engineer of Record for preparation of the City-wide Master Plan, which included recommendations regarding the implementation of stormwater programs and projects throughout the City. The Plan addressed the short-term and long-term stormwater improvements needed in the City along with a recommended Capital Improvement Plan.

Monceaux Road Improvements, West Palm Beach, FL: Project Engineer for the design and permitting of drainage infrastructure for Monceaux Road as a subconsultant. This project is one of several recommended in the West Palm Beach Stormwater Master Plan.

Monroe Drive Stormwater Improvements, West Palm Beach, FL: Project Engineer for the design and permitting of drainage infrastructure for Monroe Drive and Georgia Avenue as a subconsultant. This project is one of several recommended in the West Palm Beach Stormwater Master Plan.

Rutland Boulevard Improvements, West Palm Beach, FL: Project Engineer for improvements to roadway, decorative street lighting, stormwater system, wastewater system, lift stations, force main and water system as a subconsultant.

Municipal Stormwater Projects: Jeff has developed stormwater master plans and designed several municipal drainage systems throughout his career. He has performed flood routing analyses, hydraulic pipe sizing with AutoCAD Civil 3D and Level-of-Services assessments.



BAXTER & WOODMAN Consulting Engineers

AARON CUTLER, CGC

CONSTRUCTION MANAGER

BACKGROUND

Aaron Cutler has 21 years of experience in several phases of municipal construction including, complete infrastructure improvements, wastewater treatment plants, utility pipeline projects, stormwater drainage systems, NPDES compliance, roadway construction, reclaimed pump stations, lift stations, elevated water storage tanks, and vertical construction.

As Construction Manager, his daily duties include managing a staff of construction inspectors, acting as the EOR's representative, design review, overall construction administration, review of shop drawings, review of pay applications, administering pre-construction and progress meetings, construction schedule review, preparing and negotiating change orders, responding to contractor's RFIs and clarifications, processing final project certifications, and verifying contractor's conformance to construction documents.

EDUCATION

Pensacola Junior College, Associates of Civil Engineering Technology, 2007

CERTIFICATIONS

State of Florida Certified General Contractor, #1520812

Red Vector FDOT Asphalt Paving Level One and Level Two Certification

Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control - Certified Stormwater Management Inspector, #21817

Florida Dept of Transportation, GAP Web-based System for Local Project Delivery

Florida Dept of Transportation, Advanced MOT CTQP Course through Florida International University

RELEVANT EXPERIENCE

CIPP Lining Inspection Services, Lauderdale-by-the Sea, FL: Construction Manager for CIPP Lining Monitoring and Inspections for approximately 15,619 linear feet of gravity sanitary sewers.

Beach Master Plan - Phase 2 Construction, Delray Beach, FL: Construction Project Manager for installation of beach pedestrian lighting for the beach promenade, and intersection improvements focusing on pedestrian roadway crosswalks along South Ocean Boulevard.

Lake Shore Drive Drainage Improvements, Lake Park, FL: Constructability review of roadway, ADA compliant pathway, and other related improvements on Lake Shore Drive starting from the entrance of the Lake Park Marina north 3,220 feet to Castlewood Drive. The Preliminary Design Report included stormwater modeling analysis to compare drainage alternatives and to size drainage facilities for the appropriate level of protection.

2nd Avenue South Roadway Improvements, Lake Worth Beach, FL: Construction Manager for the replacement of an existing roadway section with a heavy duty pavement section for downtown truck bypass with new sidewalk, curbing, green space, signing and marking. The project is located within the Lake Worth's Community Development Block Grant (CDBG) target area. CDBG funding was provided for the project through Palm Beach Department of Economic Sustainability.

Monceaux Road Improvements - Group I, West Palm Beach, FL: Construction Manager for the construction for the Monceaux Road - Group I Stormwater and Utility System Improvements Project, including new stormwater facilities, water main upgrades, sanitary sewer replacement/rehabilitation, roadway, curb and gutter and sidewalk replacement, signage and pavement marking, landscaping, and street lighting.

Rutland Boulevard Improvements, West Palm Beach, FL: Construction Manager for roadway, decorative street lighting, stormwater system, wastewater system, lift stations, force main and water system. Numerous public meetings with residents and the district City Commissioner were conducted to obtain buy-in on the proposed roadway cross-section and improvements.

Central Seacrest Infrastructure Improvements Phase I, Boynton Beach, FL: Construction Manager for Phase I improvements, consisting of water main replacement, new reclaimed water main, gravity sewer replacement, stormwater system upgrades, pavement overlay, and construction of new landscaping, sidewalks, and driveway aprons.



BAXTER & WOODMAN Consulting Engineers

KENNETH SMITH

CONSTRUCTION INSPECTOR

BACKGROUND

Kenny Smith recently joined Baxter & Woodman, bringing more than 28 years of construction inspection experience. His background includes managing 12-person crews and overseeing water and sewer improvement projects.

His experience encompasses all aspects of underground pipework, and the ability to read and mark-up blueprints. Kenny is also skilled in providing construction inspection for projects consisting of storm drains, gravity sewers, sewer laterals, water mains, road reconstruction, and swale reconstruction.

REGISTRATIONS
Water Distribution System Operator Level III

APWA Construction Inspection Workshop

RELEVANT EXPERIENCE

While working for others:

Lauderdale-by-the-Sea, FL
Engineering Inspector: Kenny's responsibilities included removing and replacing 18-inch drainpipe in Terra Mar, managing Storm Drain Project and sewer gravity line assistance on Basin Drive, working closely with utility companies for utility relocations including Florida Power & Light (FPL), AT&T, and Comcast, and assisting with the installation of beachfront washrooms.

Fort Lauderdale, FL
Engineering Inspector: Kenny served as Lead Inspector for various infrastructure improvements in the City of Fort Lauderdale, including the 2011 Waterworks Capital Improvement Program. He was responsible for performing walk-through final inspections for water and sewer projects. He worked in various aspects of underground pipework, including reading blueprints and making changes in the field.

Service Worker 4½: As a Service Worker 4½, Kenny oversaw various projects including installation of ductile iron pipe and C900 water mains. His responsibilities included ordering materials, met with County and City Engineers, and informing property and business owners of the project's progress. Instrumental in establishing new pay scale for Pipe Crews because of installation cost reductions.

Service Worker 4: Kenny was responsible for the installation of water service lines to residents and businesses.



Terracon

HUGO E. SOTO, P.E.

PRINCIPAL GEOTECHNICAL ENGINEER

BACKGROUND

Hugo Soto has 39 years of experience providing geotechnical engineering, construction materials testing, inspection and consulting services. Geotechnical services include geotechnical design, analyses and recommendations related to the design and construction of foundations as well as geotechnical exploration programs. He is well versed in performing analysis and evaluation of field and laboratory data, in-situ soil testing, in-place permeability testing and geophysical explorations. Hugo's extensive experience includes: evaluating bearing capacity and settlement for different types of shallow and deep foundation systems; analysis/evaluation of retaining walls, sheet piling systems, slope stability analysis of conventional and reinforced embankments, evaluation of drilled shafts, augercast piles and driven piles; evaluation, design, and implementation of subsurface improvement programs (i.e. application of dynamic compaction, preloading, compaction grouting, and vibro-compaction techniques); and conducting studies including monitoring vibrations of structures during construction.

EDUCATION

Master of Science in Geotechnical Engineering, Utah State University, 1980

Bachelor of Science in Civil Engineering, Utah State University, 1979

REGISTRATIONS

Professional Engineer, #36440, Florida, 1985

AFFILIATIONS

American Society of Civil Engineers

Cuban Society of Engineers

RELEVANT EXPERIENCE

- I-95 Express Lanes Phase 3A-2 Design/Build (D/B) Project, Florida Department of Transportation (FDOT) District Four - Broward and Palm Beach Counties, FL
- I-75 Express Lanes "Segment E" - Broward County, FL
- I-95 Express Lanes Phase 3B-1 D/B Project, FDOT District Four – Broward and Palm Beach Counties, FL
- North Cruise Boulevard Extension, Phase 1B, Shed B Loading Dock Modification, PortMiami – Miami-Dade County, FL
- NW 38th Avenue Improvements - Lauderhill, FL
- Florida's Turnpike Enterprise (FTE) Materials and Laboratory Testing Statewide Continuing Contract - Various Locations
- SL-3B.1-SP-1 North Suction Force Main, Ocean Outfall Legislation (OOL) – Miami-Dade County, FL
- West Lake Park Pedestrian Bridge Sidewalk and Retaining Walls – Broward County, FL
- Reasonable Assurance Report (RAR) along Northwest 7th Avenue. from 12th to 29th Street – Miami Dade County, FL
- Nob Hill Estates Force Main Replacement Project - Plantation, FL
- State Road (SR) 826 and N.W. 74th Street, Interchange Improvement; Miami-Dade County, FL
- FDOT Districtwide Geotechnical Services, District Four, Contract No. C-8T51 – Various Locations
- HEFT/SR 874 PD&E Study from Mile Post 12 to Mile Post 18 - Miami-Dade County, FL
- Installation of Permanent Monitoring Wells – Miami-Dade County, FL
- NE 1 Avenue from NE 135 Street to South Biscayne River Drive – Miami, FL
- 8-inch Force Main Replacement and Pump Station 9141 Upgrade, Port Miami - Miami-Dade County, FL



Terracon

RUTU H. NULKAR, P.E.

SENIOR GEOTECHNICAL ENGINEER

BACKGROUND

Rutu has been practicing geotechnical engineering in South Florida for more than 15 years. A State of Florida registered professional engineer, she has managed several continuing services contracts during her career. Her geotechnical consulting capabilities include providing services for various types of projects including buildings, roadways, bridges, and drilled shaft inspections. Rutu has performed geotechnical analysis and provided recommendations for design of shallow and deep foundation systems for bridges and buildings, and slope stability analyses for levees and canals. She also has over 15 years of construction materials testing and verification experience working on numerous Florida Department of Transportation (FDOT) projects and districtwide materials contracts. She has worked as an in-house geotechnical consultant with the District Materials Research Office (DMRO). Additionally, Rutu has led several geotechnical and materials testing contracts for the City of Fort Lauderdale, Palm Beach County, Broward County, and various School Districts located in South Florida.

EDUCATION

M.S., Civil Engineering, University of Florida, 2004

B.S., Civil Engineering, V.J.T.I. Matunga, Mumbai, India, 2001

REGISTRATIONS

Registered Professional Engineer, Florida #70625

AFFILIATIONS

American Society of Civil Engineers (ASCE)

Florida Engineering Society (FES)

Florida Engineering Society/Florida Institute of Consulting Engineers Leadership Institute

RELEVANT EXPERIENCE

- I-95 Express Lanes Phase 3A-2 Design/Build (D/B) Project, FDOT District Four - Broward County, FL
- I-95 Express Lanes Phase 3B-1 D/B Project, FDOT District Four – Broward and Palm Beach Counties, FL
- NW 38th Avenue Improvements - Lauderhill, FL
- I-75 Express Lanes Segment E - Broward County, FL
- Palmetto Expressway Roadway Widening – Miami-Dade County, FL
- Eller Drive - Broward County, FL
- 48-inch Diameter Water Main Downtown Loop Closure - Miami, FL
- Broward County Greenway System - Broward County, FL
- Re-use Pipelines and Watermain Extensions - Davie, FL
- Riverwalk South, New River Drive between SE 1st Avenue and SE 3rd Avenue - Fort Lauderdale, FL
- Terminal Island Force Main, MacArthur Causeway - Miami Beach, FL
- Lake Region Water Treatment Plant (WTP) Pipeline - Palm Beach County, FL
- SW Wastewater Treatment Plant (WWTP) - Broward County, FL
- State Road (SR) 9/I-95 at Spanish River Boulevard and Yamato Road Interchange – Boca Raton, FL
- Florida Turnpike, Widening from North of Johnson Street to Griffin Road - Broward County, FL
- County Road (CR) 901 (Vanderbilt Drive) over Cocohatchee Canal - Collier, FL
- Southwest Waste Water Treatment and Reclamation Facility - Sunrise, FL



IRINA GOLDENBERG

PRESIDENT / PROJECT MANAGER / ELECTRICAL ENGINEER

BACKGROUND

Mrs. Goldenberg is the Founder and the President of the CREDO Consulting Engineers, has over 28 years of experience in engineering and the design of electrical systems for various buildings from low-rise to high-rise, such as Residential/Hotel (single-family, multi-family, etc.), Restaurants, Retails, Medical Offices, Institutional, Educational, Shopping Centers and other Commercial facilities.

She responsible for the management of project teams and oversight of all design activities to ensure successful project delivery through technical integrity, operational performance and overall quality control. She plays an active role in business development by continuously developing and maintaining strong client and consultant relationships.

EDUCATION

Moscow Automobile and Highway Engineering Institute, Russia. Master of Science in Electrical Engineering with Major in Automation and All-road Mechanization in Construction.

Broward Community College Florida,
- Auto CAD-advanced, Strength of Materials
- Building Construction Drafting (4.0)

EXPERIENCE

CONDOMINIUMS/HOTELS

- Ocean View/Ocean Crest Apartments (Hallandale. Fl, Hollywood. Fl)
- Verandas Luxury Condominiums (Pensacola, Fl)
- Hawks Cay Treatment Center (Duck Key, Fl/2003)
- Hawks Cay Recreation Facility (Duck Key, Fl2003)
- Cambria At Hammock Dunes (Palm Coast, Fl)
- Vue Luxury Condominiums (Fort Lauderdale, Fl)
- St. Regis (Fort Lauderdale, Fl)
- De Soleil (Miami Beach, Fl)
- Hilton Garden Inn (Pensacola, Fl/2003)
- Sunrise Harbor, Ft. Lauderdale, Fl.
- Marriott – Hotel –Lima, Peru
- Carillon Hotel – Miami, Fl.
- Royal Palm Resort Plaza – Miami, FIL
- Lago Mar Hotel Addition – Ft. Lauderdale, Fl.

COMMERCIAL BUILDINGS / RETAIL

- Call of Africa Warehouse Renovation (Fort Lauderdale, FL/2000)
- Federated Department Stores (St. Petersburg, FL/ 2001)
- South Miami Parking Garage (South Miami, FL)
- Dania Distribution Center (Dania Beach, FL)
- Portofino Sales Management building (Pensacola, FL/2002)
- Lake Worth Beach Revitalization (Lake Worth, FL)
- Miami Federal Courthouse (Miami, FL)
- Burlington Coat Factory Expansion (20, 000 Sq.Ft.) – Sawgrass Mill Mall, Sunrise
- Crossroads I, Ii & Iii - Office Buildings – Plantation, Fl.
- The Shops of Skylake – shopping center – Miami Beach, Fl.
- Big Pink2, China Grill @ Las Olas and @ Aventura, Fl.Frito Lay – Warehouse – Miami, Fl.

COURTHOUSE/JUDICIAL FACILITIES

- Miami Federal Courthouse (Miami, FL)

EDUCATIONAL FACILITIES/CLASSROOMS

- Florida International University School of Architecture (Miami, Florida)
- Florida Atlantic University Student Support Facility (Boca Raton, FL)



CREDO CONSULTING ENGINEERS, LLC
DESIGN with CONFIDENCE

MICHAEL GUIDA, P.E.

PROJECT MANAGER / ELECTRICAL ENGINEER

BACKGROUND

Mr. Guida has more than 20 years of electrical design and project management experience to help make your next project a success.

EDUCATION
Florida Atlantic University, Boca Raton, FL
B.S. in Electrical Engineering

CERTIFICATIONS
Florida State Certified as an Engineer - 1995

Florida State Registered Professional Engineer - 2004

TRAINING
Mike Holt's Solar Power Boot Camp, Coral Springs, FL - 2010

EXPERIENCE

GOVERNMENT PROJECTS

- Broward County School Board
- Lake Worth Drainage District
- Broward County Transit
- Broward County Parking Garage
- Broward County Port & Aviation
- City of West Palm Beach
- City of delray Beach

FORT LAUDERDALE PROJECTS

- T1 Existing Chiller Plant Upgrade at FLL SAI-07-T9-01
- T4 FIDS Monitor Replacements for Gate Podiums at FLL SAI-07-T7-08
- T4 Business Services Technology Center at FLL SAI-07-T7-07
- T2 FIDS Gate Podium Renovations at FLL SAI-07-T7-05
- T4 FIDS Monitor Replacement at FLL SAI-07-T7-02
- Integrated Dynamic Parking Display Systems at FLL SAI-07-T6-03
- T3 Security Checkpoint Expansion/Relocation at FLL SAI-T4-08/09/10
- ARFF Water Intrusion Repairs at FLL SAI-3-300
- Gate 100/101 Relocation at FLL SAI-T4-02
- T2 FIDS Monitor Replacement BO 8-123/124
- T1 Information Booths BO 8-45
- T4 Post Security Concession/Seating Refurb. BO 7-129
- RCC Vender Space Shell Renovations BO 6-125
- Broward County Transit Photovoltaic Bus stops

EDUCATIONAL AND MEDICAL FACILITIES

- Fire alarm replacement for Broward General Medical Center and North Broward Medical Center.
- New bldg. designs for Boca Museum of Art, Palm Beach
- Atlantic College Music Bldg.
- Boca Hospital Medical Office Bldg. Outpatient Surgery Center
- FAU building renovations



ROBERTO KACHAKIL DIB, P.ENG., PMP

SENIOR ELECTRICAL ENGINEER / MEP PROJECT MANAGER

BACKGROUND

Mr. Kachakil has more than 8 years of electrical design and project
management experience to help make your next project a success.

Project Manager with 500+ projects experience, Master's Degree in Electrical and Industrial Engineering, PMP certification and Leadership training. Speaks 4 languages. Efficient, detail-oriented and business-minded.

EDUCATION

Master's Degree in Electrical and Industrial Engineering

Polytechnic University of Valencia (Spain) –(5-year degree)

Accredited in the USA by the ABET (Accreditation Board for Engineering and Technology).

CERTIFICATIONS

Professional Engineer (P.Eng) 08/2013
Ordre des Ingénieurs du Québec: OIQ (Quebec, Canada)

Project Management Professional (PMP) 12/2017
Project Management Institute: PMI (Montreal, Canada)

Certified Associate in Project Management (CAPM) 12/2015 Project Management Institute: PMI (Montreal, Canada)

EXPERIENCE

2019-present CREDO CONSULTING ENGINEERS LLC
Title: Senior Electrical Engineer / Project Manager
Electrical design for a diverse range of commercial and residential buildings. Prepare load calculations, select equipment, layout electrical systems. Coordinate with architect, owner-client and other disciplines on lighting, power and low voltage systems. Answer Contractor's RFI's and provide amendments along with written responses.
Provide market evaluations, market trends, and ongoing updates on marketing, regulatory and legislative changes, reviewing engineering documents for quality control.

2015-2019 INDUKTION GROUPE CONSEIL INC. (Montreal, Canada)
Title: Project Manager
Became the right hand of the CEO within the first year.
Expanded the business exponentially by developing new sectors (industrial, institutional, commercial and residential buildings) and bringing new clients and projects.
Accepted with confidence new challenges and succeeded undertaking complex projects.
Improved overall business efficiency drastically by introducing new methodologies, templates and tools at all levels (administrative, technical and managerial).
Led the mechanical and electrical department.
Trained and coached employees.
Managed, designed and surveyed construction projects, both in the public and private sectors.

2013-2015 CARPIAN CONSULTANTS INC. (Montreal, Canada)
Title: Electrical and Industrial Jr. Engineer
Performed electrical and mechanical engineering tasks (project management, design, calculations,



BACKGROUND

Managing Director, Michael Prevost has a landscape architecture degree and is a certified irrigation designer, the highest level of accreditation for the field. Michael manages the North American work out of his Orlando office. Michael manages his relevant staff and draws on the company wide resources and experience whenever required for developing design solutions. Most of PSI's staff also maintains landscape architecture degrees which they feel enable their company to analyze projects not only from a technical perspective, but also to realize how their work affects the aesthetics and ultimately, the success of the project.

EDUCATION

Mississippi State University, Bachelor of Landscape Architecture, 1981

The University of Memphis, Master of City & Regional Planning, 1998

REGISTRATION

American Society of Landscape Architects

American Society of Irrigation Consultants
Irrigation Association

CERTIFICATIONS

Registered Landscape Architect

CLARB Certified Landscape Architect

LEED Accredited Professional - US Green Building Council

IA Certified Landscape & Golf Irrigation Auditor and Designer

EPA Water Sense Partner

MICHAEL PREVOST, RLA LEED AP

MANAGING DIRECTOR

PROFESSIONAL EXPERIENCE

Prevost Stamper Inc, President, 345 projects in 2018
1996-2019 Celebration, FL

The University of Memphis, Manager Campus Landscape
1991-1995 Memphis, TN

Turfaid, Inc., Irrigation Distributor, Irrigation Manager
1986-1991 Memphis, TN

Delta Environmental Group, Irrigation Supervisor
1984-1986 Orlando, FL

Environmental Care Inc., Landscape Foreman
1981-1984 Palm Springs CA

IRRIGATION DESIGN PROJECTS

- Palm Harbor Parkway Extension, Palm Coast, Florida
- FDOT – Hwy A1A Improvements, Daytona Beach, Florida
- FDOT – Hwy A1A Improvements, Titusville, Florida
- West Internal Speedway Blvd Improvements, Daytona Beach, Florida
- Grand Champion Community, Daytona Beach, Florida
- Hwy A1A Improvements, Cocoa, Florida
- FDOT - Hickory Street Improvements , Melbourne, Florida
- FDOT - SR 50 Renovations, City of Winter Gardens, Florida
- FDOT - SR 50 Renovations, City of Groveland, Florida
- FDOT– Hwy 98 Improvements, Niceville, Florida
- Beachwalk Park and Street Improvements, City of Clearwater, Florida
- Orlando International Airport South Terminal, Greater Orlando Aviation Authority
- All Aboard Florida OIA Terminal and Tracks, All Aboard Florida, Orlando
- NAS Jacksonville – Military Housing, Jacksonville, Florida
- Bird Key Multi-Use Recreational Trail, Sarasota, Florida
- Volusia County Schools Transportation Facility , Daytona Beach, Florida
- University of Florida – Leigh Hall Building, Gainesville, Florida
- Marineland Dolphin Adventure Improvements, Marineland, Florida
- Sawgrass Marriott Resort Renovations, Ponte Vedra, Florida



BAXTER & WOODMAN Consulting Engineers

STEPHEN C. SMITH, PE

SENIOR VICE PRESIDENT/COO

BACKGROUND

Mr. Smith has over 34 years of experience in the engineering, survey and utility construction fields.

Mr. Smith's responsibilities include management of daily business operations for a 40+ member civil engineering and surveying firm with gross sales of $5+ million. He oversees all areas of business including engineering, surveying, construction management services, subsurface utility engineering, accounting and human resources. Specifically, Mr. Smith also oversees all transportation/roadway and stormwater projects including studies, reports and design. He ensures proper allocation of resources, staffing, financial management, quality control and timely project completion.

EDUCATION

Auburn University, Auburn, Alabama
Bachelor of Science, Civil Engineering 1988

Auburn University, Auburn, Alabama
Bachelor of Science, Building Construction - 1986

REGISTRATIONS

Florida Licensed Engineer PE48914

AFFILIATIONS

Florida Engineering Society (FES)

American Society of Civil Engineers (ASCE)

Florida Institute of Consulting Engineers

RELEVANT EXPERIENCE

Utility Master Plan, Design and Construction Management for Town Wide 6 Phase Stormwater Improvement Plan and Water Main Replacement - Town of Golden Beach, Miami-Dade County, Florida. Responsible for the master planning, project management, resource allocation, scheduling, budgeting and quality assurance of the stormwater and watermain and utility undergrounding design. Also responsible for the project management of the stormwater and water main construction and implementation.

Stormwater Master Plan, Design and Construction Management for City Wide Priority Based Stormwater Improvement Plan - City of Oakland Park, Broward County, Florida. Responsible for the master planning, project management, resource allocation and quality assurance of the stormwater design, as well as the project management of the stormwater construction and implementation.

Stormwater Master Plan, Design and Construction Management for City Wide 6 Phase Stormwater Improvement Plan - City of Sweetwater, Miami-Dade County, Florida. Responsible for the master planning, project management, resource allocation, scheduling, budgeting and quality assurance of the stormwater design, as well as the project management of the stormwater construction and implementation.

Andrews Avenue Widening and Intersection Improvements - Broward County, Florida. Responsible for the roadway widening and stormwater design improvements from Cypress Road to Racetrack Road, including intersection improvements at McNab Road and Racetrack Road. Performed project management for construction observation services.

Biscayne Boulevard Widening and Intersection Improvements - Miami-Dade County, Florida (FDOT District 6). Responsible for the roadway widening and stormwater design improvements from NE 163rd Street to 203rd Street, including intersection improvements.



229



SECTION 2

REFERENCES

• RFQ FORM 2 48

231

RFQ FORM 2

RFQ FORMS

RFQ Form 2: REFERENCES

Respondent: EDSA, Inc.

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

Give contact information for at least four individuals, corporations, agencies, or institutions for which you have performed work similar to what is proposed in this RFQ:

1. Name of Contact: City of Delray Beach
   Isaac Kovner, PE (City Engineer)

   Title of Contact: Assistant Public Works Director
   Email: kovner@mydelraybeach.com
   Telephone Number: 561 243 7341
   Fax Number:
   Project: Delray Beach, Phase 1 & Phase 2

2. Name of Contact: City of Dania Beach | Dania Beach Ocean Park
   Mr. Marc Laferrier

   Title of Contact: Community Development Director
   Email: mLaFerrier@daniabeachfl.gov
   Telephone Number: 954 924 6805 x 3643
   Fax Number:
   Project: Dania Beach Waterfront Revitalization

3. Name of Contact: City of Pompano Beach
   Mr. Greg Harrison

   Title of Contact: City Manager
   Email: greg.harrison@copbfl.com
   Telephone Number: 954 786 4601
   Fax Number:
   Project: Pompano Beach Streetscape

4. Name of Contact: City of Lauderhill
   Ms. Desorae Giles

   Title of Contact: Deputy City Manager
   Email: dgiles@lauderhill-fl.gov
   Telephone Number: 954 730 3000
   Fax Number:
   Project:



233



SECTION 3

INSURANCE

• CERTIFICATE OF INSURANCE 52

CERTIFICATE OF INSURANCE

** EDSA commits to, and is able to, provide proof of insurance that meets the requirements specified in the Professional service contract.

EDSAINC-02 ROMINAJ

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 12/27/2019

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

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

PRODUCER License # 0E67768 Insurance Office of America, Inc. 500 W. Cypress Creek Road Suite 320 Fort Lauderdale, FL 33309	CONTACT NAME: Christine Milone PHONE (A/C, No, Ext): (954) 334-0377 FAX (A/C, No): E-MAIL ADDRESS: Christine.Milone@ioausa.com
INSURED EDSA, Inc. 1512 E. Broward Blvd. Suite 110 Ft. Lauderdale, FL 33301	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A : American Casualty Company of Reading, Pennsylvania — 20427 INSURER B : National Fire Insurance Co of Hartford — 20478 INSURER C : Continental Insurance Company — 35289 INSURER D : Valley Forge Insurance Company — 20508 INSURER E : Continental Casualty Company — 20443 INSURER F :

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

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT X LOC OTHER:			5099082937	12/31/2019	12/31/2020	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 1,000,000 $ 15,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
B	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY			5099082968	12/31/2019	12/31/2020	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
C	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 10,000			5099083005	12/31/2019	12/31/2020	EACH OCCURRENCE AGGREGATE Aggregate	$ 10,000,000 $ $ 10,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) N / A If yes, describe under DESCRIPTION OF OPERATIONS below			5099082984	12/31/2019	12/31/2020	PER STATUTE / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
E	Professional Liabili			LAH591892837-19	9/7/2019	9/7/2020	Per Claim	10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
30 Days notice of cancellation, except 10 Days notice of cancellation for non-payment of premium in accordance with policy provisions.

Proof of Insurance Only. *30 Days/10 Days notice of cancellation for non-payment of premium in accordance with policy provisions

CERTIFICATE HOLDER	CANCELLATION
EDSA, Inc. 1512 E Broward Blvd Fort Lauderdale, FL 33301	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE

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236





SECTION 4

PROFESSIONAL SERVICES CONTRACT

** Please note that EDSA takes no exceptions to the TOWN's standard professional service contract (Exhibit 6).



SECTION 5

ADDITIONAL FORMS

- RFQ FORM 3 58
- RFQ FORM 4 60
- RFQ FORM 5 63
- ADDENDUM ACKNOWLEDGEMENT 64

RFQ FORM 3

RFQ FORMS

RFQ FORM 3: RESPONDENT'S CERTIFICATION

Respondent: EDSA, Inc.

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

The undersigned guarantees the truth and accuracy of all statements and the answers contained herein.

I have carefully examined the Request for Qualifications referenced above ("RFQ") and any other documents accompanying or made a part of this RFQ.

I hereby propose to furnish the goods or services specified in the RFQ. I agree that my response will remain firm for a period of 150 days in order to allow the TOWN adequate time to evaluate the responses.

I certify that all information contained in this response, which includes the TOWN required RFQ forms A, B, C, D and E is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

Respondent hereby authorizes the TOWN, its staff or consultants, to contact any of the references provided in the response and specifically authorizes such references to release, either orally or in writing, any appropriate data with respect to the firm offering this response.

I further certify, under oath, that this response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a response for the same product or service; no officer, employee or agent of the TOWN or any other proposer has a financial interest in said response; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters herein contained and was duly authorized to do so.

If this response is selected, I understand that I will be expected to execute the TOWN's standard Professional Services contract, in the form approved by the Town Attorney.

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes 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, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017 Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the

RFQ FORMS

convicted vendor list. I further certify, under oath, that neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholder, employees, members or agents active in the management of the entity has been convicted of a public entity crime subsequent to July 1, 1989.

EDSA, Inc.
Name of Business

By: _____
Signature

Jeff Suiter, Principal
Print Name and Title

1512 E. Broward Boulevard, Suite 110

Fort Lauderdale, Florida 33301 USA
Mailing Address

RFQ FORM 4

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 4: SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A). FLORIDA STATUTES ON PUBLIC ENTITY CRIME

TO BE VALID, THIS FORM SHALL BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted to The Town Commission of the Town of Lauderdale-By-The-Sea, Florida by: Jeff Suiter, Principal
   (print this individual's name and title)

   for EDSA, Inc.
   (print name of entity submitting sworn statements)

   Whose business address is: 1512 E. Broward Boulevard, Suite 110
   Fort Lauderdale, Florida 33301 USA

   And, if applicable, whose Federal Employer Identification Number (FEIN) is 59-1265229. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____-___-_____.

2. I understand that a "public entity crime" as defined in paragraph 287.133(1)(a}, Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transactions of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a Jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:

   1. A predecessor or successor of a person convicted of public entity crime; or

   2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement,

RFQ FORMS

shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in a relation to the entity submitting this sworn statement. (Please indicate which statement applies).

   ✓ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or any affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months.

   _____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months. AND (Please indicate which additional statement applies).

   _____ There has been a proceeding concerning the conviction before a hearing officer in the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order).

   _____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list (Please attach a copy of the final order).

   _____ The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Florida Department of General Services).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THE PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED AND FOR THE PERIOD OF THE CONTRACT ENTERED INTO, WHICHEVER PERIOD IS LONGER. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

RFQ FORMS

Date: 01/31/2020

_____
(Signature)

STATE OF FLORIDA
COUNTY OF: Broward

Sworn and subscribed before me 31st day of January, 20 20

this by Jeffrey R. Suiter who is Personally known to me Or

who produced identification _____
(Type of Identification)

_____
(Signature) Notary Public-State of Florida

_____
(Printed, typed or stamped commissioned name of notary public)

My commission expires_____(SEAL)

RFQ FORM 5

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 5: NO FINANCIAL INTEREST STATEMENT

The undersigned guarantees the truth and accuracy of this statement.

The Respondent recognizes and certifies that no elected official, board member, or employee of the Town of Lauderdale-By-The-Sea (the "Town") shall have a financial interest directly or indirectly in this RFQ, related contract, if any, or any compensation to be paid under or through these matters, and further, that no Town employee, nor any elected or appointed officer (including Town board members) of the TOWN, nor any spouse, parent or child of such employee or elected or appointed officer of the TOWN, may be a partner, officer, director or proprietor of Respondent, and further, that no such TOWN employee or elected or appointed officer shall be employed by the firm or receive any compensation from the firm for a period of at least twelve (12) months after leaving the employ or agency of the TOWN.

EDSA, Inc.
Name of Business

By: _____
Signature

Jeff Suiter, Principal
Print Name and Title

1512 E. Broward Boulevard, Suite 110

Fort Lauderdale, Florida 33301 USA
Mailing Address

ADDENDUM ACKNOWLEDGEMENT

Addendum No. 1

To RFQ 20-01-01

El Mar Drive Design

Date of Issuance: January 14, 2020

Proposers are hereby notified that this Addendum No.1 shall be attached to and made part of the above named Request for Qualifications 20-01-01 ("RFQ") issued on January 6, 2019.

This Addendum No. 1 is issued to add to, delete from, modify, clarify and/or amend the RFQ. The items contained in this Addendum No. 1 shall have full force and effect as part of the RFQ and shall prevail to the extent of any conflict with the original RFQ. Proposals to be submitted on or before the specified due date shall conform to the additions and revisions contained herein.

The Proposer shall acknowledge receipt of this Addendum No. 1 by including a signed copy of this form in each Proposal. This Addendum No. 1 consists of two (2) pages.

***

3. "Description of Work" of the RFQ is hereby amended to include the following language:

A. GENERAL INFORMATION ABOUT THE TOWN'S PROJECT

***

El Mar Drive is a signature street in the heart of LBTS. El Mar extends both north and south out of the downtown core of LBTS. El Mar is vital to the tourism industry in the Town.

This El Mar revitalization project needs to address the functional needs of the vehicular, pedestrian and bicycle traffic that utilizes this beachfront roadway. This Project should also address the beautification of El Mar, including landscape/irrigation, lighting and hardscape improvements to the roadway corridor.

Respondents to this RFQ will be expected to conduct community outreach meetings to build consensus among the adjacent hotel owners, the residents and the business community for the ultimate design of the El Mar Drive improvements. The respondents to this RFQ must show in their response package a minimum of 15 years of similar roadway and streetscape improvement projects and a corresponding 15 years of experience with community consensus building on similar type projects.

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SECTION 6

APPENDIX

- PROJECT APPROACH 68
- PUBLIC OUTREACH 73
- TEAM APPROACH 74
- FIRM OVERVIEWS 76

PROJECT APPROACH

EDSA has called South Florida home for 60 years. As such, we have a vested interest in the quality of life and physical condition of our community. While we are based locally, we have also had the opportunity to create memorable spaces worldwide. Many of our designs have been implemented in the world's greatest cities, and we bring to our community and our home these experiences and best practices, so we can have a positive impact on the physical condition of our community.

We understand that the Town of Lauderdale-By-The-Sea needs a Landscape Architect, Planner, and Civil Engineer who can lead a project's vision from concept to reality, while working in an interdisciplinary mode with Town departments and other consultants in a coordinated and united fashion. As the Town is looking for a Landscape Architectural team to work as an extension of the Town staff to help plan, design and implement municipal projects, we believe our track record of experience in Lauderdale-By-The-Sea, South Florida, and the world, demonstrates that we are well equipped to be the Town's consultant team.

We also have been responsible for some of the more challenging entitlement processes taking place in the South Florida in recent years. These projects have required us to work successfully with many community entities along the way, through these experiences we have established respect and teamwork with the communities in which we work alongside. Our in-depth knowledge of this process and the Town's expectations is well established.

During construction, we possess an excellent record of communication with the Contractor and the Client. We understand that field conditions can require inventive, practical solutions to arising obstacles, and we possess the judgment and experience to successfully deal with these.

As an extension of the Town's staff, we understand the specific goals and objectives of the services include:

- Prepare preliminary or feasibility design reports and/or design alternative recommendations. This may include preparation of conceptual designs, various types of utility modeling, surveying, field data analysis, estimates of probable construction cost and life-cycle cost analysis.
- Organize and attend up to four meetings with and/or make presentations to the Town Commission, Town management, homeowner's associations, business entities, and other interested stakeholder groups as requested by the Town. Prepare recommendations for appropriate community outreach components and processes for project development.
- Conduct and/or attend pre-design, design, bidding and bid award meetings that the Town deems attendance is required.
- Prepare required bidding/construction documents for the project(s). This may include the preparation of surveys, design plans, technical specifications, cost estimates, permit applications to government agencies, and other related contract documents.
- Assist in evaluating bids and making bid award recommendations for construction contract(s).
- Provide engineering, management, administration, inspection and value engineering services for the project during construction. This may include responding to contractor's Requests for Information, shop drawing/ contractor submittal review and approval, inspection and approval of project improvements or progress, certification of projects from various permitting entities, possible field revisions, and review and approval of contractor pay applications. Evaluate and make recommendations on change orders.
- Provide project close-out services. This may include inspection, preliminary and final acceptance of projects, preparation and approval of punch list items, providing as-built record drawings, operation and maintenance manuals, and project certification as required to all permitting agencies.
- Provide the necessary landscape architecture, civil engineering, permitting, and additional consulting services to complete the project streetscape improvement project.
- Florida Department of Transportation (FDOT): EDSA and Flynn Engineering are pre-certified with FDOT, and

is well versed in FDOT landscape guidelines and requirements related to clear zones, site line requirements, vegetative management zones, setback requirements, and FDOT landscape regulations.

- Streetscape and Pedestrian Amenities, which services are targeted at creating an inviting environment along corridors to help stimulate activity. EDSA has a long list of successful projects that have created and enhanced an environment, resulting in sparking economic development. Through the development of streetscape environments, urban parks and civic spaces, EDSA has the ability to create dynamic, creative spaces, while celebrating historic features. Our designs show an understanding for the public's needs related to safety and security, while also creating a sustainable space that the Town can be proud of, which acts as a catalyst for economic revitalization and activity.
- Prepare and submit signed and sealed construction drawings to the Lauderdale-By-The-Sea Building Department and all other applicable agencies for review and make any revisions required for the issuance of a building permit or external agency permit as required.
- Provide the construction drawings and bidding documents for obtaining a contractor to complete the project identified, in accordance with Town requirements, and assist the Town in the bidding and bid review process. Drawings are typically requested by the Town for their file in AutoCAD, and the technical specifications in CSI Format. Just prior to bidding, the EDSA team has numerous relationships and connections to provide a detailed final cost estimate for the aspects of the project for which the firm is responsible.
- Participate in the construction administration of a project on an as- needed basis determined by the Town, providing services such as submittal review, attending pre-bid conferences, pre-construction conferences and weekly construction meetings, conducting field observations, resolving on-site problems and answering technical questions as construction progresses, handling change orders and performing payment request reviews.
- Upon completion of construction, deliver to the Town one set of reproducible "As-Built" drawings and specifications, along with electronic copies on computer disks, incorporating any changes that were made during the construction process.

Throughout our history, we have developed an approach to our work that has met the needs of our clients. While each project is unique, and our approach is then tailored to meet specific assignments needs, the general framework of our approach includes the following tasks:

1. Project Start-up / Programming
2. Inventory and Analysis
3. Public Consensus Building / Stakeholder Involvement
4. Conceptual Design
5. Detailed Design
    - Schematic Design
    - Design Development
    - Construction Documentation
6. Bidding Assistance
7. Construction Related Activities

The following is a brief summary of the tasks described above:

PROJECT START-UP / PROGRAMMING

At the onset of a project, the EDSA team will meet with the Town Project Manager to determine preliminary goals and objectives of the intended assignment. As part of this initial step, we possess the capability to assist the Town in needs assessments for a variety of project types, developing the scope of work and budgeting. During this phase, if specific sub-consultants are necessary, they will be determined and selected, in conjunction with the Town. Also, as part of this process, base information will be reviewed and if additional specific information is necessary; it can be determined how to best obtain the information.

Another important aspect of this initial phase is to determine the specific goals and objectives of the desired physical improvements and the constituent group. If consensus building is to be an integral part of the project, then an appropriate program for consensus building can be developed.

INVENTORY AND ANALYSIS

Understanding the site is the first important step in the development of a creative design solution. This step includes a review of the physical conditions, as well as the regulatory environment such as zoning and or FDOT regulatory issues such as site lines. During this process, the site's attributes and constraints are studied in order to determine, regardless of the type of project (streetscape, park, civic plaza, etc.) the site development potential.

PUBLIC OUTREACH AND CONCENSUS BUILDING

A phased approach to both the public engagement and construction sequencing will be instrumental to the successful implementation of this project. If selected, our team will look at this in detail with Town representatives, to assure we are best approaching and implementing each phase of this project to meet the needs of residents and visitors. The El Mar Drive area of Lauderdale by the Sea is a Vibrant Tourist and Business area that is a Beach Entryway to the Town. This area is populated with stores, restaurants and active residents who will be going through a major infrastructure transformation. It is important that the Town hires a proven Team that can navigate the Contractor and Community through the difficult construction process. Public outreach is our top priority during construction. We strive to make sure that the Public's concerns are heard, and addressed, prior to the start and during the Construction Project. Our Construction Management Team has a successful Public Outreach Program that keeps the impacted Residents informed and involved for the duration of the Construction Process. Our Public Outreach Team will first work closely with the Town to determine the range of impacted Residents within the Project Area. We will then deploy several methods to reach the impacted Residents including Mailings, Door Hangers, Signs, and Social Media Posts. Residents will be invited to Initial Public Meetings with presentations on the project, that are prepared by our Public Outreach Team.

Once Construction is set to begin an additional meeting will be conducted to provide further specific details on the Contractor's Schedule, Traffic Control Plan, Resident Access, Essential Services, and all Day to Day Activities. We will schedule initial Public Outreach Meetings to get the public involved immediately once we are selected. Our Team will also establish a Project Hotline where calls from the impacted Residents for information, complaints, or concerns are routed directly to our team to address at a moment's notice. Our Team tracks all Resident Concerns, Claims, or Issues with an ongoing tracking log for the duration of the project. The Resident Tracking Log is available to the Town, and is discussed at each Progress Meeting. Our Team has an effective process to verify that all items are addressed by the Contractor and documented accordingly. We will also develop a Project

Website for updated information, and we post construction progress daily on dedicated Social Media Sites Twitter and Facebook. Residents are able to follow along with the Project through progress photos and information posts on a daily basis. We know the Town values proactive public outreach and our Team has an effective program to ensure that the Public is Informed and involved throughout the project.

CONCEPTUAL DESIGN

EDSA thrives on producing exciting and visionary concept plans while still understanding the importance of creating a viable implementation strategy. When we initiate the Conceptual Design phase, listening to the constituents on a particular project is essential in delivering a concept to meet the practical need of the project while offering a unique and creative perspective that pervades the functionality of the plan. Typically, our Conceptual Design process includes the generation of several alternatives to a given project, with a series of other graphic illustrations which describe the intent of the design. At the conclusion of this step, we will meet with the Town staff to review the conceptual design and discuss the consensus building process. Depending on the scale of the project, sometimes this process includes a preliminary and final conceptual design.

DETAILED DESIGN

As we begin the detailed design phase of the project, we typically program this effort into several steps with each step becoming more detailed in its deliverable. These steps include:

- Schematic Design
- Design Development
- Construction Documentation

At the Schematic Design level, the goal of this submittal is to continue to flesh out the concept design into a schematic level to fully describe the theme and character of the improvements. While specific details are not yet fleshed out, they are begun to be developed and identified for further study and design in the next phases of the design work. Typically, during this phase of the work, a schematic order of magnitude cost summary is also developed.

At the Design Development level, the goal of this submittal is essentially to create a preliminary version of the construction documents. They are drawings that build upon the Schematic Design package and will incorporate comments received from the Town. During this phase of the design process, the artistic use of construction materials, and the exploration of techniques to promote the optimum performance of urban landscapes is a key focus. As we develop a concept, we explore the functional aspects of the project while expanding on the aesthetic and underlying spirit of the design. Materials, spatial relationships, construction methods are considered to maximize aesthetic value, all while promoting durability and longevity of materials. Additionally, as the character of the project is further refined, construction budgets are checked and refined.

At the Construction Documentation stage of the design process, the EDSA team will further refine and prepare documents in sufficient detail to permit and implement the project. Typically, this is done in two (2) to four (4) submissions, depending on the complexity of the project. Often times we recommend submitting preliminary drawings, at a 90% level to obtain permit comments, so that we can incorporate the permit comments into the 100% Bid and Construction Set. We employ over 30 practicing landscape architects licensed in the State of Florida, all of whom have led successful design and construction projects. It is this depth of knowledge and practical experience which provides excellent judgment and quality control for documents.

BIDDING ASSISTANCE

Depending on the type of contractual relationship the Town intends to have with its subcontractors, our EDSA team is well versed in the bidding process. We have had extensive experience with design-bid, Guaranteed Maximum Price, as well as Design-Build. During this phase of work, our team will be at the Town's disposal to meet with contractors, the Town's procurement office and officials, and be available to review and help tabulate technical bids from contractors. As part of this process, we are also available to develop addenda, if necessary and attend and facilitate pre-bid conferences and site visits.

CONSTRUCTION ADMINISTRATION

During construction, we possess an excellent record of communication with both the Contractor and the Client. We understand that field conditions can require inventive, practical solutions to arising obstacles, and we possess the judgment and experience to successfully deal with these.

Additionally, the Town will be served by a well-qualified team that has also conducted Construction Engineering & Inspection Services (CEI) on various streetscape / hardscape projects and large infrastructure improvement projects throughout South Florida, and specifically for the Town of Lauderdale by the Sea. Our construction services team will provide close oversight and documentation to confirm that quality construction is provided to the Town for the duration of this project. Our approach to construction administration is to provide close coordination with the Town's staff and stay on top of construction issues related to the Public's concerns, the Contractor's scheduled activities, and identify any potential conflicts they could cause delays to keep the project on schedule. The construction administration and inspections for the project will be administered by our construction manager who will be "hands-on" during the construction of the project. Our Construction Manager will be responsive to the Town throughout the project. Our Inspectors are also equipped with several innovative tools to share vital information from the project site to our Engineer and Town Staff in real time. Lastly, we establish a respectful working relationship with the contractor to effectively resolve potential issues during construction that meet our high level of engineering standards but can also be done in a practical and timely manner, that doesn't create additional costs or time for the contractor.

PUBLIC OUTREACH

Our team understands the importance of public involvement, outreach, and consensus building in determining the City's needs and creating successful, community-oriented public spaces. A plan should effectively utilize space and inspire engagement and activity. At EDSA, we are adept at creating cohesive visions for parks and public realm developments with an eye towards innovation, functionality, and community enthusiasm. In pursuing this goal, we make it a point to involve communities and people to become our partners, with consensus-building public workshops and interviews with special interest groups. This approach results in comprehensive, action-oriented plans and superior designs that serve as positive reflections of the communities in which they reside.

More importantly, **community consensus is an achievement that we at EDSA are able to leverage into the strength and support to get projects built. It is a process that we take quite seriously, but that we also find very enjoyable and informative.** Consensus building allows us to gather opinions, verify research, provide flexibility, and respond to the goals and expectations of clients and stakeholders. In doing so, we lay a foundation for a smart, informed planning process and focus the site program and context on preparing designs that reflect the personality and culture of a community. The end result of this process is the creation of a vibrant community that is attractive to both locals and visitors.

Consensus building can also be seen in the firm's practice of making cities more accessible and friendly for visitors and residents while providing appropriate mobility and safety at the same time. As creators, visionaries, artists and technicians, EDSA professionals address land use, site planning, and visual impact – bringing a sense of vibrancy to city forms. We are committed to working closely with government agencies, private enterprises, stakeholders, and the community on crafting customized master plans and designs that are not only exceptional, but implementable as well.



257

TEAM APPROACH

Creativity does not exist in a vacuum. It is the outward expression of hundreds, if not thousands, of influences, which is precisely why EDSA is so committed to team-centric thinking. We assemble the necessary resources and talent to bring a project to fruition. We partner with well-known consultant groups to produce projects that possess distinctive character and personality. Our already-established relationships and lines of communication help us to maximize creativity, collaboration, and innovation among disciplines. Our solid experience with multi-disciplinary collaborations has helped us to become leaders in understanding the development of parks and open spaces with an eye toward stewardship of the land.

The team environment at EDSA also fulfills a vital role of future talent development and the firm's own relevancy within the field. Differing points of view are welcomed within the team – and can often be the spark behind a new or innovative solution. At the same time, Principal-level involvement ensures the firm's ideals of purpose, function, aesthetics, and implementation are always held in balance with the new and previously unexplored. In this way, our team approach seasons our professionals to take on more and greater responsibilities as their experience grows, strengthening the entire EDSA team and paving the way for other designers, landscape architects, and planners.

As specialists in Landscape Architecture and Planning, we collaborate (as necessary) with outside experts in the fields of engineering, traffic planning, marketing, architects, sustainability and ecology, and economic research. We keep the client involved at every key point in the project, as our clients also play a pivotal role in the team structure. Fluid communication of progress, challenges, solutions, budgets, vision, and other considerations is a routine part of our development process in creating superior outdoor spaces.

WE DESIGN THE HUMAN EXPERIENCE.

We believe that establishing a strong connection between people and place creates experiences that are truly memorable. Especially in an area as culturally diverse as Lauderdale-By-The-Sea, we recognize the need to appreciate a town's "story" – its people, cultures, environmental context, and overall "vibe" – and reflect it in our work as landscape architects. The Fort Lauderdale Parks Master Plan calls for a holistic, "package deal" concept that unifies our Town's public spaces as a cohesive green network, all linked by an iconic branding and theming strategy. As locals, we have a clear understanding of our Town's "story;" we are excited to explore how it can be reflected in a parks system that will be different from anywhere else in the world and distinctly Fort Lauderdale.

WE ARE COMMITTED TO SUSTAINABILITY.

We understand the importance of sustainability in creating places that establish a strong sense of community. Since our firm's founding in 1960, Ed Stone established environmental stewardship as paramount to our design approach. Ed was a leader in the profession-wide movement toward preservation and protection in the 1970's. Early resort projects — including the PGA National in Palm Beach Gardens, Las Hadas in Mexico, and Hyatt Rio Mar in Puerto Rico — are all cited as early models of wetland preservation and thoughtful environmental planning. Similarly, the firm's design for West Lake Park in Hollywood, Florida prioritized environmental sensitivity to the site's fragile mangroves and wetlands.

Today, sustainable design is still at the core of every EDSA project, from parks and urban design to resorts and corporate campuses. Our solutions focus on long term, positive impacts on a community's people, economy, and environment. Our Performance Based Design Standards – a set of sustainability-oriented guiding principles – initiates every project's conceptual design/planning phase. Development goals include responsible stormwater

management, respect for existing topography, close partnership with the local community, promotion of alternative transit, and incorporation of native plant species in the project's proposed landscape.

EDSA's commitment to sustainability has been recognized both nationally and state-wide. Our green roof design for Green Wise Headquarters (Tokyo, Japan) transformed a concrete roof into a welcoming public green space and garnered three Florida 2018 chapter awards: the Award of Excellence, Environmental Sustainability Honor, and Frederic B. Stresau Award. Crosswaters Ecolodge (Guangdong Province, China) was recognized with a national ASLA award for its integration of organic and recycled materials into the design, its creation of ecosystem-based learning opportunities, and its positive impact on the local community. The first eco-tourism resort in China, this project set the nationwide standard for environmentally-sensitive resort design.

A sustainable design approach also drives our local project work. Currently under construction, Fort Lauderdale's new oceanfront plaza features a shade canopy that will harvest rainwater in its support columns; the water will then be used to flush toilets. In addition, the plaza and adjacent streetscape implements the first dual-board lighting fixtures approved by FDEP/FWC on a timeclock for turtles. These innovative fixtures will create a safer pedestrian environment during non-nesting months. The project also relocates approximately 100 trees to parks and streets throughout the Town and features an entirely native dune planting area. Comparably, the Pompano Green Streets project (currently in the schematic design phase) will re-configure Dixie and Atlantic Highways to accommodate bike lanes, improve the pedestrian environment, and ultimately encourage alternative transit.

Sustainability is not only part of our design approach – it is part of our day-to day office operations. Recyclable materials are collected each day, office lighting is being replaced with LED fixtures, and plasticware has been replaced with reusable utensils. Our team is involved in voluntary functions such as ASLA Parking Day and Broward Habitat for Humanity, demonstrating our commitment to beautifying and supporting the local community.

OVERVIEW

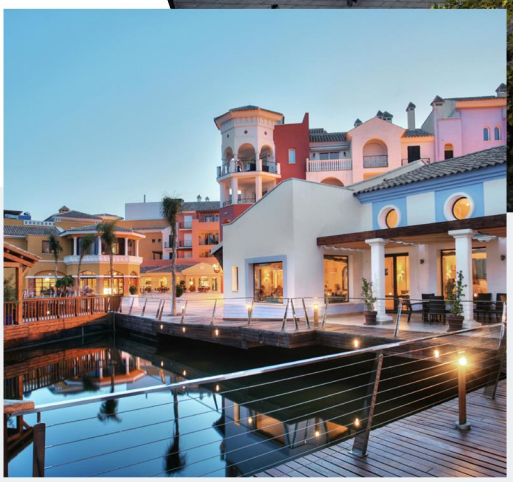
In 1960, visionary Edward D. Stone, Jr. founded a firm dedicated to the proper use of land resources and thoughtful creation of human environments. From these modest but ambitious beginnings, EDSA's legacy has grown into one of the world's most renowned design firms. Upon this foundation, **we continue to adapt, evolve and positively influence real estate development to better meet the environmental, social and economic needs of our clients and users of the earth's landscapes.**

Bringing an intrinsic value to how land and space are utilized, our work respects, enriches and showcases natural beauty in harmony with cutting-edge creativity. **By designing for the best use of land forms, natural resources and public interface, we help commerce and communities thrive.** Our strength resides in a comprehensive understanding of the development process and proven track record of getting projects built and operational.

Our commitment to collaboration is matched by design excellence and our depth of talent. Fueled by the efforts of a 125-person team, our highly trained staff brings internationally-diverse perspectives and solutions to an ever-evolving industry.

Beyond creating quality outdoor spaces, **we care deeply about the human experience and how people feel, act and enjoy the spaces we create.** Extending from our designers who infuse passion into their creations, to consumers who experience our spaces and clients who are rewarded for their investments – our designs create lasting value.





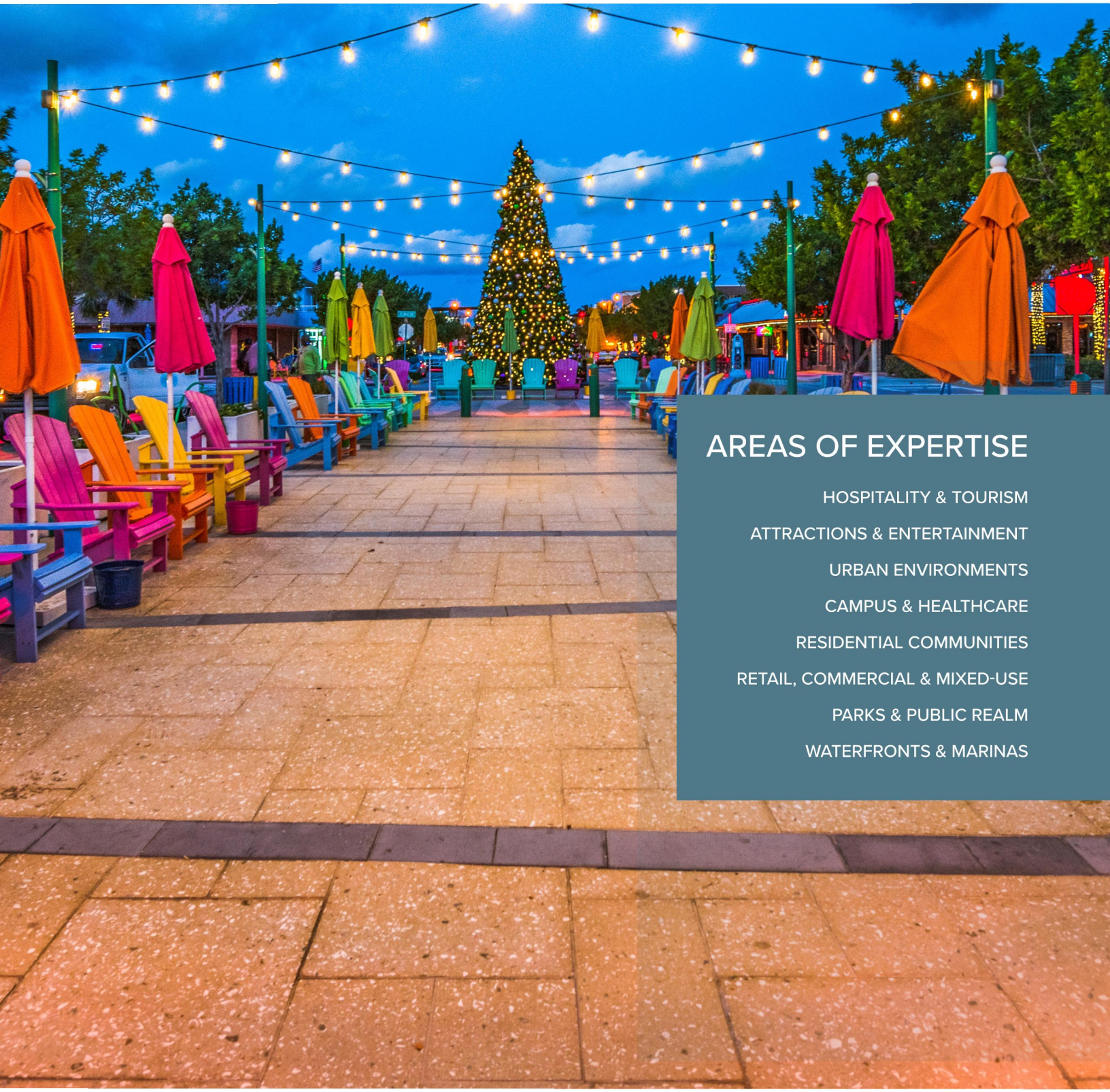
WE SEE OURSELVES AS CREATORS, VISIONARIES, LEADERS, ARTISTS AND DESIGN TECHNICIANS WITH THE APTITUDE TO EFFECT CHANGE AND THE PASSION TO MAKE A DIFFERENCE.

260



WITH FIVE DECADES OF EXPERIENCE AND HUNDREDS OF COMPLETED PROJECTS ON SIX CONTINENTS, EDSA HAS HELPED SHAPE THE GLOBAL PRACTICE OF PLANNING, LANDSCAPE ARCHITECTURE, AND URBAN DESIGN.

261



AREAS OF EXPERTISE

HOSPITALITY & TOURISM

ATTRACTIONS & ENTERTAINMENT

URBAN ENVIRONMENTS

CAMPUS & HEALTHCARE

RESIDENTIAL COMMUNITIES

RETAIL, COMMERCIAL & MIXED-USE

PARKS & PUBLIC REALM

WATERFRONTS & MARINAS

WE CONSIDER OURSELVES STEWARDS OF THE LAND AND PLACE SUSTAINABILITY AT THE FOREFRONT OF OUR PLANNING AND DESIGN EFFORTS.







WE BEGIN EACH ASSIGNMENT WITH A BASIC UNDERSTANDING OF THE UNIQUE NEEDS OF THE CLIENT, PROJECT, SITE, AND END USER – SO THAT A CLEAR, VIABLE AND EXCITING SOLUTION IS ACHIEVED.

EDSA CORE DISCIPLINES

Across our five locations, the EDSA spirit is firmly united in a passion for results. We connect seamlessly between offices and make it a point to understand the businesses in which our clients are engaged, regardless of location. This understanding enables the firm to explore and provide culturally-sound and economically-viable planning and design alternatives.

Our service offerings cover the complete range of planning, design, production and field supervision.

MASTER PLANNING

- Site selection + analysis
- Land use planning
- Feasibility studies
- Visioning workshops
- Development strategies
- Site-specific plans
- Design guidelines
- Entitlements

LANDSCAPE ARCHITECTURE

- Site design + theming
- Conceptual + schematic design
- Design development
- Hardscapes + water features
- Planting design
- Construction period services

URBAN DESIGN

- Downtown planning
- City revitalization + redevelopment
- Urban open space
- Transit-oriented design
- Public consensus building
- Vision plans

BAXTER & WOODMAN Consulting Engineers

OVERVIEW

Baxter & Woodman, Inc. provides engineering and consulting services to municipal, county, and state government agencies - we have since 1946. Our team offers expert services that stretch well beyond typical engineering consulting. We are committed to **BUILDING COMMUNITY VALUE** with each and every project we complete.



APPROACH

FIND & FUND

Finding funding to build your needed improvements.

CONNECT & COMMUNICATE

Helping build strong relationships and connecting with your community.

SAFE & SECURE

Keeping you safe and secure, count on us for reliable and responsive service.

EXPERTISE

WASTEWATER
Facilities Planning I Sanitary Sewer Evaluation & Rehabilitation I Conveyance & Treatment Operations I Pretreatment Programs

TRANSPORTATION
Pavement Management Reports I Intersection Design Studies I Traffic Signal & Street Lighting I Streetscape I Bicycle/Pedestrian Paths I MFT Programs I MAP-21 Study, Design & Construction I Bridge Engineering

WATER RESOURCES
Master Planning & Modeling I Drainage Studies I Detention & Retention Basin I Storm Sewer Systems I Erosion Control I Groundwater Monitoring & Studies I LUST Investigations I Phase I & II Site Investigation I Wetlands Delineation

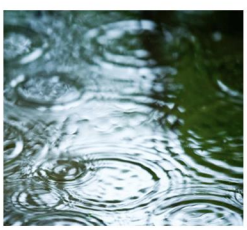
SPATIAL TECHNOLOGY
Asset Management I Development/Training I Mapping I Data Collection/Conversion

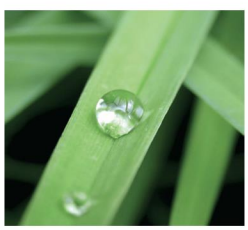
TECHNOLOGY
SCADA/Controls I Municipal IT I Security

GENERAL MUNICIPAL
Grant & Loan Funding I Plan Reviews I Comprehensive Land Use Plans I Capital Improvement Plans I Park/Recreational Development I Land Surveying I Public Relations

WATER
Master Planning I Rate Studies I Supply, Treatment, & Distribution Operations

BAXTER & WOODMAN CONTINUES TO BE RANKED ON THE ENGINEERING NEWS-RECORD'S TOP 500 DESIGN FIRMS LIST.





BAXTER & WOODMAN Consulting Engineers

LICENSES

State of Florida
Department of State

I certify from the records of this office that BAXTER & WOODMAN, INC. is an Illinois corporation authorized to transact business in the State of Florida, qualified on May 2, 2016.

The document number of this corporation is F16000002059.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 15, 2020, 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 Fifteenth day of January, 2020

Secretary of State

Tracking Number: 9836844798CC

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RICK SCOTT, GOVERNOR — JONATHAN ZACHEM, SECRETARY — dbpr

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

BAXTER & WOODMAN, INC.
MATHEWS CONSULTING A BAXTER & WOODMAN COMPANY
8678 RIDGEFIELD ROAD
CRYSTAL LAKE IL 60012

LICENSE NUMBER: CA31795
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor — FBPE

STATE OF FLORIDA
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MARSHALL, COURTNEY KAY
5758 FORESTWOOD CT
JUPITER FL 33458

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TRAVIS, M. REBECCA
477 S. ROSEMARY AVE , SUITE 330
C/O BAXTER & WOODMAN
WEST PALM BEACH FL 33401

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ENVISION

May 19, 2014
December 8, 2020

MARY TRAVIS

AINABILITY PROFESSIONAL

Institute for Sustainable Infrastructure

LEED GREEN ASSOCIATE

Rebecca Travis

LEED® Green Associate™

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED® green building program.

10156330-GREEN-ASSOCIATE

28 APR 2012

26 APR 2020



FDOT

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

August 29, 2019

Louis Haussmann, Executive Vice President/COO
BAXTER & WOODMAN, INC.
477 South Rosemary Avenue, Suite 330
West Palm Beach, Florida 33401

Dear Mr. Haussmann:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 3 - Highway Design - Roadway
- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design

Group 4 - Highway Design - Bridges
- 4.1.1 - Miscellaneous Structures
- 4.1.2 - Minor Bridge Design

Group 5 - Bridge Inspection
- 5.1 - Conventional Bridge Inspection

Group 6 - Traffic Engineering and Operations Studies
- 6.1 - Traffic Engineering Studies

Group 7 - Traffic Operations Design
- 7.1 - Signing, Pavement Marking and Channelization
- 7.3 - Signalization

Group 8 - Survey and Mapping
- 8.1 - Control Surveying
- 8.2 - Design, Right of Way & Construction Surveying
- 8.4 - Right of Way Mapping

Group 10 - Construction Engineering Inspection
- 10.1 - Roadway Construction Engineering Inspection
- 10.4 - Minor Bridge & Miscellaneous Structures CEI

www.fdot.gov

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
152.04%	1.072%	Reimbursed	No	4.41%

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

CBHK/kw

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

August 8, 2019

BAXTER & WOODMAN, INC.
477 S ROSEMARY AVE STE 330
WEST PALM BEACH, FL 33401-5798

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB8175

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

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

License No.: **LB8175**
Expiration Date February 28, 2021

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

BAXTER & WOODMAN, INC.
477 S ROSEMARY AVE STE 330
WEST PALM BEACH, FL 33401-5798

nicole fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Ron DeSantis, Governor — Halsey Beshears, Secretary — dbpr

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

HISCOCK, JEFFREY G
4003 WILLOW RUN
PALM BEACH GARDENS FL 33418

LICENSE NUMBER: PE43984
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QUALIFIED STORMWATER MANAGEMENT INSPECTOR

The undersigned hereby acknowledges that

Aaron Cutler

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

Hal Lunsford — *May 21, 2009* — *Inspector Number 21817* — Heather Ritchie

BAXTER & WOODMAN Consulting Engineers

REFERENCES

Name of Contact: Mr. Richard Schefle
Title of Contact: Public Works Director **Email:** rscherle@lakeparkflorida.gov
Telephone Number: 561-881-3345 **Fax Number:** 561-881-3349
Project: Town of Lake Park, Lake Shore Drive Drainage System Design

Name of Contact: Mr. Felipe Lofaso
Title of Contact: Assistant Public Services Director **Email:** flofaso@lakeworthbeachfl.gov
Telephone Number: 561-586-1720 **Fax Number:** 561-586-1750
Project: City of Lake Worth Beach, 2nd Avenue South Roadway Improvements and $40 Million Neighborhood Road Program

BAXTER & WOODMAN Consulting Engineers



2ND AVENUE SOUTH ROADWAY IMPROVEMENTS

LAKE WORTH BEACH, FLORIDA

CLIENT City of Lake Worth Beach
Mr. Felipe Lofaso, Asst. Public Services Director
1749 3rd Ave. South
Lake Worth, FL 33460
561-586-1720; flofaso@lakeworthbeachfl.gov

SCOPE Detailed Design and Construction Administration Services

TERM 12/2016 - 08/2018

The City of Lake Worth Beach contracted with Baxter & Woodman to provide survey services, utility locates (e.g. soft digs), geotechnical services, final design, permitting, bidding assistance, construction administration services and periodic inspections for the 2nd Avenue South Roadway Improvements project. The project is located within the City's Community Development Block Grant (CDBG) target area. CDBG funding was provided for the project through Palm Beach Department of Economic Sustainability.

The project includes the following components:

- Replacement of the existing roadway section.
- Roadway striping and signage.
- New sidewalks and curbing (ADA compliant).
- Green space.
- Bike striping and symbols.
- Heavy duty pavement section for downtown truck bypass.

The project was bid with a construction cost of $663,711.

267





$40 MILLION NEIGHBORHOOD ROAD PROGRAM

LAKE WORTH BEACH, FLORIDA

CLIENT City of Lake Worth Beach
Mr. Felipe Lofaso, Asst. Public Services Director
1749 3rd Ave. South
Lake Worth, FL 33460
561-586-1720; flofaso@lakeworthbeachfl.gov

SCOPE Detailed Design and Construction Administration Services

TERM 03/2017 - present

TheCity of Lake Worth Beach selected Baxter & Woodman to provide Engineering Design, Permitting, Bidding Services, and construction management for the City of Lake Worth's multi-year Neighborhood Road Program, District 2 improvements. The work involved various utility and roadway mill and overlay or reconstruction; curbing; sidewalk; and signing and marking of various roadway sections within the northwestern area of the City.

Scope of work included the following components:

- Reconstruction in conjunction with proposed underground utility improvements or mill and overlay approximately 44,000 linear feet of roadways.
- Restoration of broken sidewalk, curb, and driveway aprons and address ADA compliance.
- Stormwater improvements as required to address problem areas identified in the Stormwater Master Plan and localized roadway flooding.
- Potable water main improvements, including relocation of rear yard water services to the front of the houses.
- Sanitary sewer improvements including sanitary sewer replacement and lining.
- Traffic calming study and improvements as recommended.

BAXTER & WOODMAN
Consulting Engineers



Project Location Map



King tide flooding at Lake Shore Drive and Date Palm Drive, looking north (Oct 2016)

LAKE SHORE DRIVE DRAINAGE IMPROVEMENTS

LAKE PARK, FLORIDA

CLIENT Town of Lake Park
Mr. Richard Scherle, Public Works Director
535 Park Avenue
Lake Park, FL 33403
561-881-3345; rscherle@lakeparkflorida.gov

SCOPE Detailed Design and Construction Administration Services

TERM 09/2018 - 12/2019

The Town of Lake Park contracted with Baxter & Woodman to provide engineering services for the design of drainage and other related improvements on Lake Shore Drive starting from the entrance of the Lake Park Marina north 3,220 feet to Castlewood Drive. Lake Shore Drive is prone to frequent flooding with road elevations ranging from 2.0 to 3.2 feet, NAVD. A drainage system was previously designed and a permit was issued by the South Florida Water Management District in 2011 which expired in 2016. Concerns over the Sea Level Rise (SLR) prompted the Town to enlist our services to redesign the project. Services included:

- Survey
- Drainage System Design
    - o ICPR4 Modeling
    - o Level of Service Assessment
    - o Sea Level Rise Evaluation
    - o Pipe and Pump Station Sizing
    - o Water Quality Improvements
- Pollution Control Device
- Dry Detention in Park
- Other Utilities
    - o Coordination with Seacoast Utilities
    - o Watermain and Sanitary Evaluation
- Roadway Design
    - o Roadway Replacement/Mill and Overlay
    - o US 1 Corridor Coordination
    - o Sidewalks and Bike Paths
    - o Landscaping and Irrigation
    - o Lighting
- Permitting
    - o ERP and Dewatering - SFWMD
    - o Submerged Lands - COE
    - o PBCHD
    - o Building Department
- Public Outreach
- Construction Services

BAXTER & WOODMAN Consulting Engineers







MONCEAUX ROAD GROUP I INFRASTRUCTURE IMPROVEMENTS

WEST PALM BEACH, FLORIDA

CLIENT City of West Palm Beach
Mr. Tracy Ward, Senior Project Engineer
1045 Charlotte Ave
West Palm Beach, FL 33401
561-494-1120; tward@wpb.org

SCOPE Detailed Design and Construction Administration Services

TERM 12/2004 - 08/2011

Baxter & Woodman (Mathews Consulting) provided engineering services for the design, permitting, bidding and construction administration/inspections for the Monceaux Road - Group I Stormwater and Utility System Improvements Project. The project was part of the City's Phase II Stormwater Projects that was being funded by a Stormwater Bond.

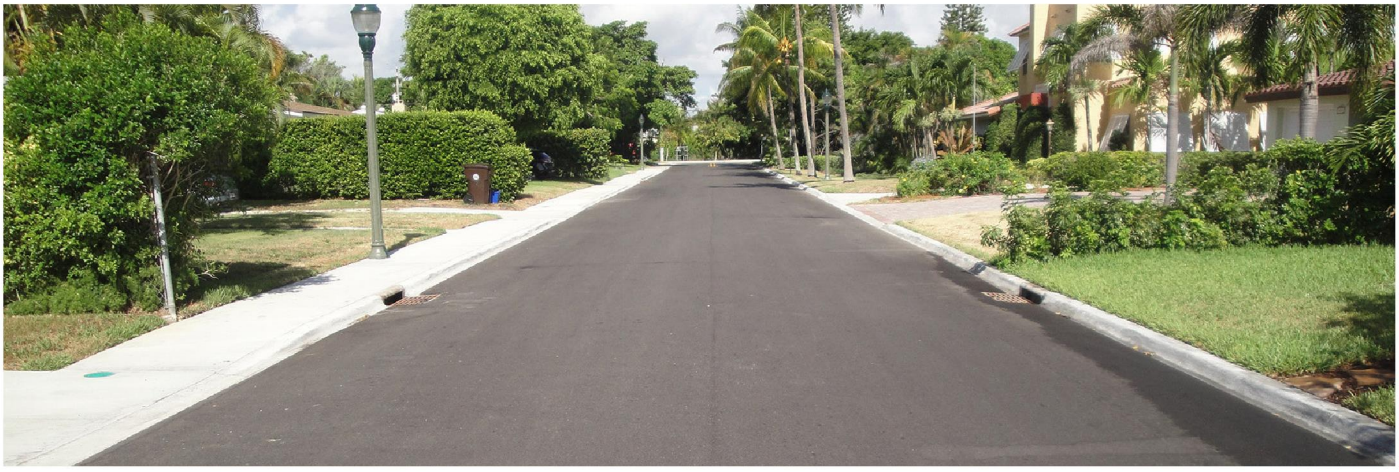
Elements of the project included Data Collection, Preliminary and Final Design, Permitting, Public Relations, Bidding Assistance, Construction Administration, and Inspection Services.

The infrastructure improvements included:
- Stormwater facilities
- Water main upgrades
- Sanitary sewer replacement and rehabilitation
- Roadway, curb & gutter, and sidewalk reconstruction
- Signage and pavement markings
- Landscaping
- Decorative Street Lighting

Design components of the project included the following:
- Collect and review record drawings of project area
- Conduct soil investigation of project area
- Prepare detailed plan and profile design drawings
- Prepare and process permit applications for South Florida Water Management District, FDOT, FEC Railway, and Palm Beach County Health Department
- Prepare technical specifications
- Prepare cost estimates

The project was bid on December 11, 2013 with a construction cost of $3,532,899. Construction of the project was completed in July 2016.

BAXTER & WOODMAN
Consulting Engineers







RUTLAND BOULEVARD IMPROVEMENTS

WEST PALM BEACH, FLORIDA

CLIENT City of West Palm Beach
Mr. Tracy Ward, Senior Project Engineer
1045 Charlotte Ave
West Palm Beach, FL 33401
561-494-1120; tward@wpb.org

SCOPE Detailed Design and Construction Administration Services

TERM 04/2009 - 07/2016

Baxter & Woodman (Mathews Consulting) provided engineering services for the preliminary design, final design, public participation, permitting, bidding and construction administration/inspections for the Rutland Boulevard Improvements Project. The project is located in a residential neighborhood in the City of West Palm Beach.

The infrastructure improvements included:

- Stormwater facilities
- Water main upgrades
- Sanitary sewer replacement
- Roadway, curb & gutter, and sidewalk reconstruction
- Signage and pavement markings
- Decorative street lights

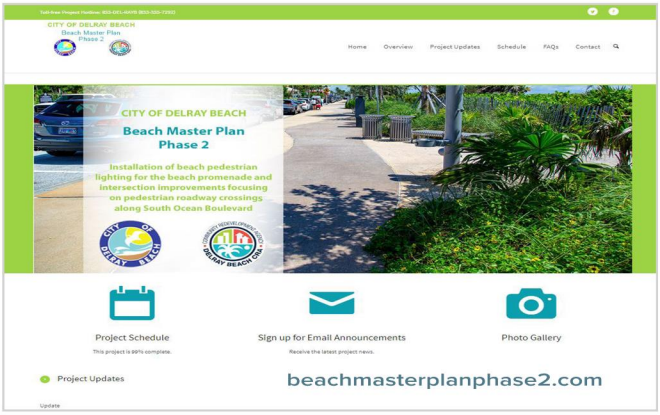
Scope of work for the project included the following:

- Collect and review record drawings of project area.
- Conduct soil investigation of project area.
- Prepare detailed plan and profile design drawings.
- Prepare and process permit applications for South Florida Water Management District, and Palm Beach County Health Department.
- Prepare technical specifications.
- Prepare cost estimates.

Construction of the project was completed in July 2016, with a construction cost of $1.54M.

BAXTER & WOODMAN Consulting Engineers







BEACH MASTER PLAN - PHASE 2

DELRAY BEACH, FLORIDA

CLIENT City of Delray Beach
Mr. Isaac Kovner, Principal Engineer
434 South Swinton Ave.
Delray Beach, FL 33444
561-243-7322; kovner@mydelraybeach.com

SCOPE Construction Administration Services

TERM 02/2019 - 01/2020

Baxter & Woodman provided construction administration and inspection services for the installation of beach pedestrian lighting for the beach promenade, and intersection improvements focusing on pedestrian roadway crosswalks along South Ocean Boulevard.

Project elements included:

- Atlantic Avenue and SR A1A intersection improvements
- Pedestrian crossing improvements
- ADA-compliant crosswalks
- Dune deterrent fencing
- Beach walkway improvements
- Turtle-friendly beach lighting
- Public outreach program, including a project-specific website, Twitter and Facebook pages, and public meetings
- Coordination with FDOT, FDEP/FWC, and multiple design engineers

Construction of the project was completed in January, 2020 for a construction cost of $3.3 million.

BAXTER & WOODMAN
Consulting Engineers







SOUTHGATE BOULEVARD STREETSCAPE

TAMARAC, FLORIDA

CLIENT City of Tamarac
Mr. John Doherty, Asst. Director/Capital Projects Manager
6011 Nob Hill Rd.
Tamarac, FL 33321
954-597-3706; johnd@tamarac.org

SCOPE Detailed Design and Construction Administration Services

TERM 06/2004 - 08/2007

The City of Tamarac contracted with Baxter & Woodman, Inc. (Mathews Consulting) for the design, permitting, bidding and construction administration/inspection of Southgate Boulevard Streetscape Improvements. The work included demolition of the existing, straight aligned, 4-lane divided roadway section and replacing it with a more curvilinear roadway alignment.

The proposed roadway alternates between a 2-lane undivided and 2 lane divided section and includes two roundabouts within the approximately 4,200 linear foot length, along with landscaping for the purposes of traffic calming and beautification.

Permitting included application to Broward County Traffic Division to request approval for reducing the posted speed limit. The project also required coordination with a parallel, linear park and an adjacent residential development, both currently under design.

The project budget was $1.64 million and the project was constructed under budget for $1.24 million

273

Terracon OVERVIEW



Terracon is a 100 percent employee-owned consulting engineering firm providing quality services to clients. **Since 1965, Terracon has evolved into a successful multi-discipline firm specializing in: environmental, geotechnical, facilities, and materials testing services.**

With more than 5,000 employees in over 150 offices nationwide, Terracon has a 12-office network in the State of Florida. The strength of our firm and our existing operations have allowed Terracon to have a tremendous presence and broad scope of knowledge throughout Florida and the rest of the country.

Terracon provides services on thousands of projects each year. Our culture, systems, and structure enable us to excel at both small and large projects. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect. Terracon serves a diverse portfolio of private and public clients. By being responsive, resourceful, and reliable, we strive to exceed our clients' expectations for service, solutions, quality, and speed of delivery. Based on a deep understanding of our clients' needs, Terracon's commitment is centered around these key objectives.

GEOTECHNICAL SERVICES

Design and construction reliable foundations and infrastructure require a thorough understanding of soil, rock, and groundwater conditions. Through Terracon's nationwide network of geotechnical professionals, access to historical subsurface exploration data from thousands of locations across the country, and GIS-enabled geology mapping, we can accurately anticipate ground conditions and develop the right work plan to explore a site. Our innovative technologies and collaborative approach allow us to provide practical design recommendations.

TERRACON'S GEOTECHNICAL SERVICES INCLUDE:

- Stage1 Predictive Analysis Delivered via GeoReport ®
- Subsurface Exploration (Soil Borings, In-Situ Testing, Geophysical)
- Laboratory Testing
- Geotechnical Design
- Collaborative Reporting/Decision Making
- Geotechnical Instrumentation
- Construction Monitoring and Support

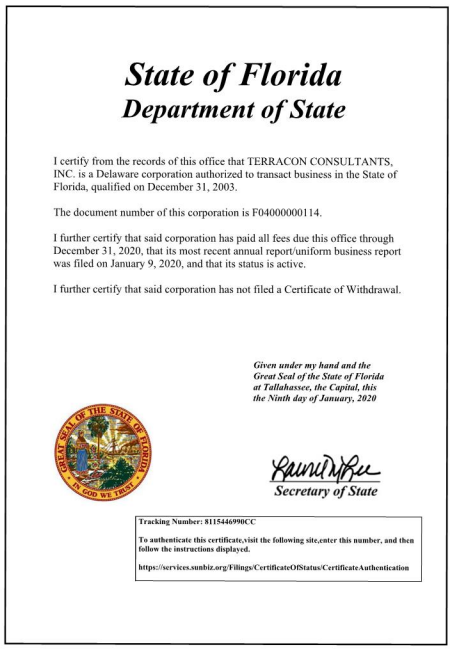
Years in Business: 54 years

- 150+ offices providing services in all 50 states
- 12-office Network in Florida (340+ staff members)





LICENSES



State of Florida
Department of State

I certify from the records of this office that TERRACON CONSULTANTS, INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on December 31, 2003.

The document number of this corporation is F04000000114.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 9, 2020, 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 Ninth day of January, 2020

Secretary of State

Tracking Number: 811544690CC

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RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY

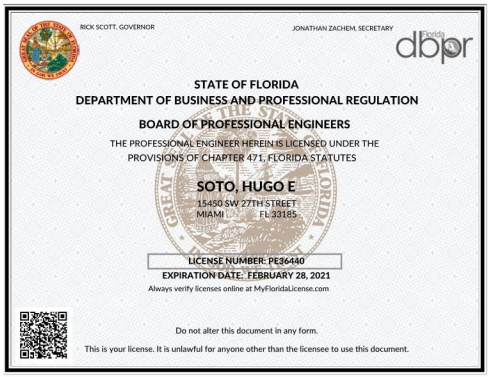
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TERRACON CONSULTANTS, INC.
10841 S RIDGEVIEW ROAD
OLATHE KS 66061

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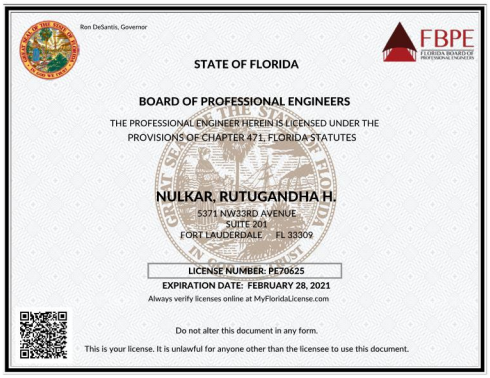
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

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SOTO, HUGO E.
15450 SW 27TH STREET
MIAMI FL 33185

LICENSE NUMBER: PE36440
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Ron DeSantis, Governor

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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NULKAR, RUTUGANDHA H.
5371 NW33RD AVENUE
SUITE 201
FORT LAUDERDALE FL 33309

LICENSE NUMBER: PE70625
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OVERVIEW

CREDO® Consulting Engineers LLC. has been providing professional design engineering services since 2008 throughout Florida & nationwide. These services have been offered for new construction, additions, renovations, system upgrades and remodels for a variety of project types including Commercial/ offices; Restaurants; Retails; Hotels; Medical Facilities; Banking; High-end private Residences, Multi-Family homes and other.

During the construction phase of a project, our Project Engineers provide close supervision to make sure construction conforms to construction documents, support the design intent, lessen project risks, identify and resolve construction problems early, and ensure the successful and timely completion of the project.

In association with the referenced scope of work CREDO® Consulting Engineers LLC is requesting to bid on, the company will now outline the understanding of it's role in relation to the nature of the scope of work at hand and perform the following services as our company and engineers in assisting the City/County in obtaining the approval of final agreements with the utility companies and other such public agencies as may be necessary.

1. CREDO will prepare a complete set of front end documents and technical specifications for the construction package. The company provides comprehensive consulting services to clearly define client requirements and identify the feasible options / technical alternatives that meet our clients' budgetary and time constraints as well as offers construction administration (CA) services along with our design commitment to engineer the client's project. Our company will also be available for general consultation and interpretation of the plans and specifications during construction as our continued commitment to the project is provided.

CREDO STANDS FOR CREDIBILITY, RELIABILITY, EFFICIENCY, DILIGENCE, OPPORTUNITY

2. CREDO® Consulting Engineers LLC. Will, attend the bid opening, prepare bid tabulations, and assist in analyzing bids and making recommendation with respect to the selection of a qualified contractor for the construction of the work.

3. As part of our due diligence to adequately prepare our functional design, our company will execute site visits to the project at hand.

We will do so a maximum of TBD times and observe the progress of construction at intervals during construction of the project.
Such observation is not to be construed as supervision of construction, but is a review of the work for general conformance with contract plans. We will also participate in the final inspection of the project to assure electrical, mechanical, plumbing, and fire-sprinkler design compliance.

4. Finally, our engineers will also review all shop and working drawings throughout the construction phase of the governmental job.

APPROACH

CREDO® Consulting Engineers, LLC has a variety of experience resulting from individual areas of expertise within engineering. Our successful approach of working closely with our clients and local building authorities during the design process assures a safe, executable, and approved design and timely delivery of documents. Our attention to quality, reliability, innovation, and customer satisfaction has achieved us a steady growth of clientele along with maintaining the loyalty of our existing customers.

This, in turn, has resulted in excellent working relationships with our clients and consistent business within a highly competitive market.

Consequently, our approach for delivering this project stems from the mentioned above dedication to the vision of the project manager, which until now has been the architects at hand. Working cohesively with their design concepts, we strive to put full functionality to each project

from the mechanical, electrical, plumbing, and fire sprinkler aspect. CREDO® Consulting Engineers, LLC is a trusted name in the building and design business of South Florida as our reliability and attention to deadlines is one of our strongest attributes. Once we receive all needed background information to begin our analysis and calculations, and depending on how many times this background is altered through this initial design phase by the project manager, we can assemble a fully executed design set for submission to the city's building department in a two (2) week time span. Before beginning such work however, the outline and intent of the project will be fully evaluated and priced accordingly. Through our comprehensive consulting services, we clearly define client requirements and identify the feasible options / technical alternatives that meet our clients' budgetary and time constraints.

CREDO® Consulting Engineers, LLC is located in downtown Ft. Lauderdale allowing the engineers the availability to be within a thirty minute drive to each school listed in the two packages.

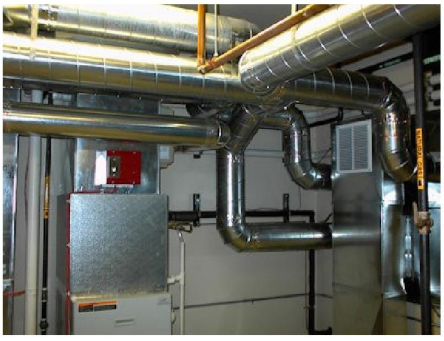
Our office in Fort Lauderdale in conveniently located in close proximity to all jobs proposed by the Broward County School Board.

CREDO® Consulting Engineers, LLC is headed by President Miss. Irina Goldenberg, whom not only manages and oversees all design aspects of the company but is also wholly in charge of the company's executive and managerial decisions. The aforementioned allows the company to hold a M/WBE certificate as Miss Goldenberg is considered to be a minority in the field which mostly entails men, or companies lead by men.

CREDO® Consulting Engineers, LLC thus stands out as an entity because of its management, but our attention to detail as well as the technical requirements and the project's financial budget assures we meet the required criteria of Broward County. If the project requires any specifics outside of our company services, we will be open to engage M/WBE sub consultants.

SERVICES

- MECHANICAL (HVAC) SYSTEMS DESIGN
- ELECTRICAL SYSTEM DESIGN
- PLUMBING SYSTEM DESIGN
- FIRE PROTECTION SYSTEMS DESIGN

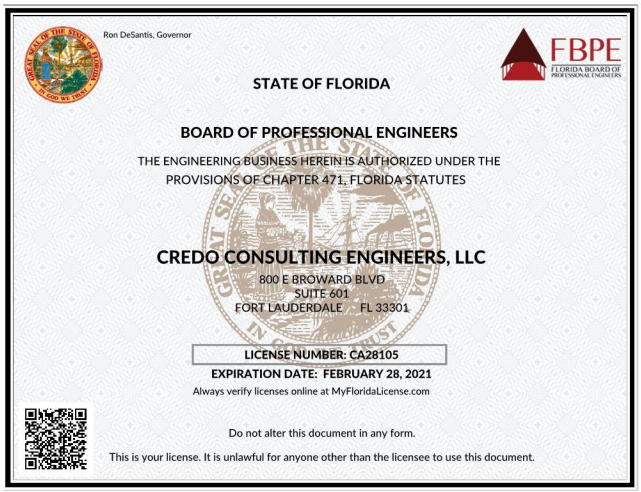








LICENSES



Ron DeSantis, Governor

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

CREDO CONSULTING ENGINEERS, LLC
800 E BROWARD BLVD
SUITE 601
FORT LAUDERDALE FL 33301

LICENSE NUMBER: CA28105
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

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Licensee Details

Licensee Information

Name:	**SALSBURY, ROBERT A. (Primary Name)**
Main Address:	**5151 SW 190TH AVENUE SOUTHWEST RANCHES Florida 33332**
County:	**BROWARD**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**49852**
Status:	**Current,Active**
Licensure Date:	**01/30/1996**
Expires:	**02/28/2021**

Special Qualifications	**Qualification Effective**



Procurement & Warehousing Services
SUPPLIER DIVERSITY OUTREACH PROGRAM

THIS CERTIFICATE IS AWARDED TO

Credo Consulting Engineers, LLC

FOR HAVING SUCCESSFULLY MET THE PRESCRIBED STANDARDS SET FORTH BY THE SUPPLIER DIVERSITY OUTREACH PROGRAM OF THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA FOR

CERTIFICATION

Emerging/Small/Women Business Enterprise (E/S/WBE)

Caucasian Female

ON THIS DAY **May 21, 2018**

Mary Catherine Coker
Director, Procurement & Warehousing Services

Certification #: **3330-01086 18**

Expiration Date: **5/20/2020**

Licensee Details

Licensee Information

Name:	**JONES, DONALD A. (Primary Name)**
Main Address:	**6277-600 CAROLINA COMMONS DRIVE #350 INDIAN LAND South Carolina 29707**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**66144**
Status:	**Current,Active**
Licensure Date:	**05/07/2007**
Expires:	**02/28/2021**

Special Qualifications	**Qualification Effective**
Electrical & Computer	**05/07/2007**



State of Florida

Woman Business Certification

CREDO Consulting Engineers, LLC

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

06/07/2019 to 06/07/2021

Jonathan R. Satter, Secretary
Florida Department of Management Services

office of supplier DIVERSITY

Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.dms.myflorida.com/osd

Licensee Details

Licensee Information

Name:	**GUIDA, MICHAEL A. (Primary Name)**
Main Address:	**6401 CONGRESS AVE SUITE 230 BOCA RATON Florida 33487**
County:	**PALM BEACH**
License Mailing:	**6401 CONGRESS AVE SUITE 230 BOCA RATON FL 33487**
County:	**PALM BEACH**
LicenseLocation:	

License Information

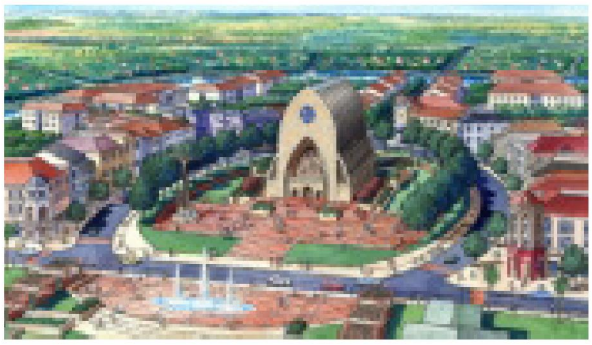
License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**60755**
Status:	**Current,Active**
Licensure Date:	**01/13/2004**
Expires:	**02/28/2021**

PSI OVERVIEW

Prevost Stamper Incorporated is an irrigation consulting firm working with golf and landscape architects, engineers, and municipalities since 1986. PSI has been one of the premier irrigation consultants in the US and Internationally for these clients. We provide irrigation master planning, construction drawings, technical specifications, and construction administration services. PSI has extensive experience working with large scale irrigation water supplies, distribution lines and control systems.

PSI is an EPA Water Sense Partner, and water conservation is an important pa1i of our practice. **We promote the sustainable use of all water resources.** PSI personnel are Certified Golf and Commercial Irrigation Designers by the Irrigation Association.

We specialize in designing economical irrigation systems for public, private and institutional developments. We have experience designing irrigation systems for all sizes of community and golf developments in desert, seaside and tropical forested lands.



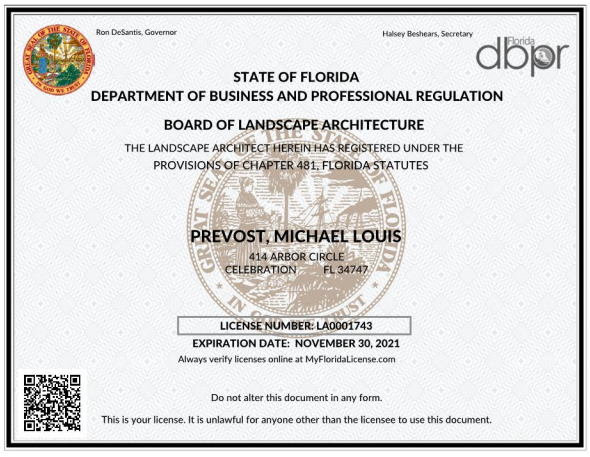


ORGANIZATION

PSI is run by Michael Prevost and Jeff Stamper. Both have landscape architecture degrees and are certified irrigation designers, the highest level of accreditation for the field. Michael manages the North American work out of our Florida office, while Jeff is responsible for the Asia/Pacific and Middle East regions. Each manages their relevant staff and draws on the company wide resources and experience whenever required for developing design solutions. Most of PSI's design staff has achieved degrees in landscape architecture which we feel enables our company to analyze projects not only from a technical perspective, but also to realize how our designs affect the aesthetics and sustainability and ultimately, the success of the project.

CERTIFICATES AND INSURANCE

The principal of the firm is a Registered Landscape Architect in Florida, Mississippi, and Tennessee, and is a CLARB Certificate holder. We carry general business insurance, commercial automobile insurance, and professional liability insurance.



Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

PREVOST, MICHAEL LOUIS
414 ARBOR CIRCLE
CELEBRATION FL 34747

LICENSE NUMBER: LA0001743
EXPIRATION DATE: NOVEMBER 30, 2021
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279

CAS OVERVIEW

With 40 years in business, our staff of 37+ professional and technical personnel specializes in providing quality professional utility locating services to our clients. **CAS has extensive experience in subsurface utility engineering (SUE) and employs the latest state-of-the-art technologies.** In addition to traditional methods of utility locating such as vacuum excavation (potholing), electromagnetic (EM) induction for toneable utilities, and 2-D Ground Penetrating Radar (GPR), CAS can utilize a proprietary patented scanning technology known as 3-D Radar Tomography for subsurface utility investigations.





SUBSURFACE UTILITY ENGINEERING

CAS provides complete subsurface utility engineering and location services utilizing the latest in electronic verification, ground penetrating radar, vacuum excavation and GPS survey equipment. CAS can provide utility location information in various formats from simplistic 2D (two dimensional) to comprehensive 3D (three dimensional) Radar Tomography coupled with advanced software platforms (AutoCAD Civil 3D). CAS performs subsurface utility engineering providing utility mapping, electromagnetic designating (EMD), 2D radar designating/ground penetrating radar (GPR), 3D radar tomography (RT), vacuum soft digs, and conventional and GPS utility surveys. CAS also provides utility coordination services, interfacing with utility owner/operators on behalf of engineers, planners and project designers. CAS provides comprehensive utility locating services for projects during the design phase and also during construction as needed. CAS' extensive SUE experience coupled with its EMD, 2D GPR and unique 3D RT capabilities will provide you with accurate and comprehensive utility locates for complete survey basemaps irregardless of quality of existing record drawings and thus superior engineering design for your utility projects. This will translate also to time saving and minimization of change orders during construction by eliminating "unforeseen" field conditions.

LICENSES



State of Florida
Department of State

I certify from the records of this office that CRAIG A. SMITH & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on August 7, 1980.

The document number of this corporation is 681464.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on April 8, 2019, and that its status is active.

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

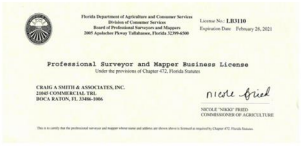
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Eighth day of April, 2019

Secretary of State

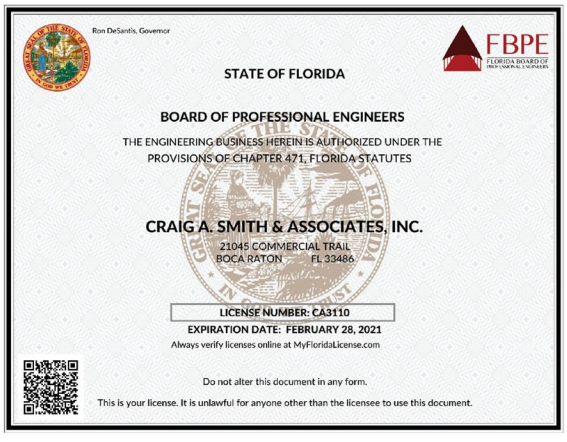
Tracking Number: 725043247CC

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



Professional Surveyor and Mapper Business License



Ron DeSantis, Governor

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

CRAIG A. SMITH & ASSOCIATES, INC.

21045 COMMERCIAL TRAIL
BOCA RATON FL 33486

LICENSE NUMBER: CA3110

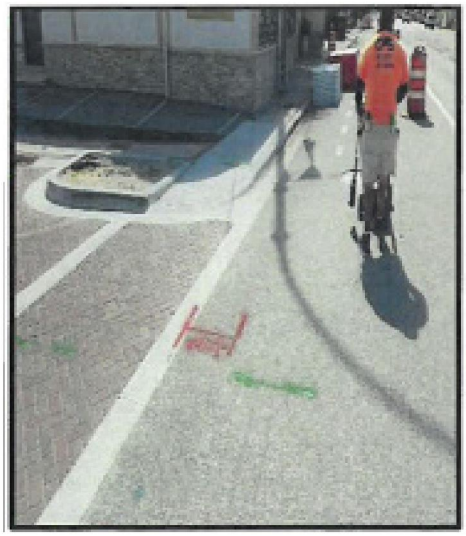
EXPIRATION DATE: FEBRUARY 28, 2021

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RELEVANT EXPERIENCE





CITY OF HOLLYWOOD

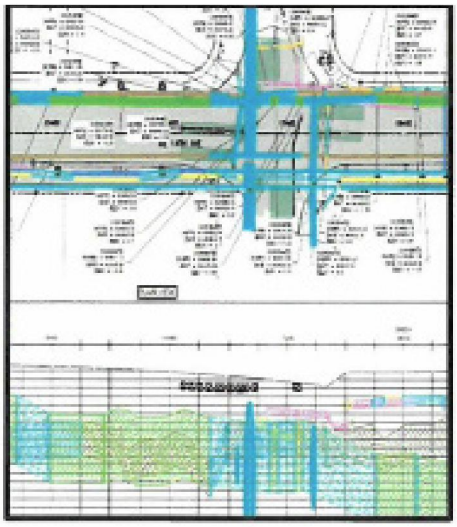
HOLLYWOOD, FLORIDA

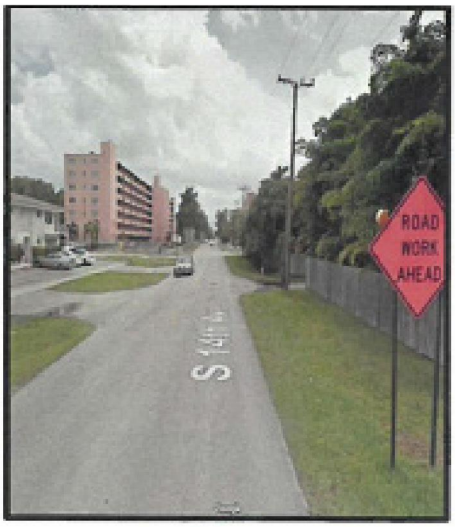
CLIENT City of Hollywood
Mr. Rob Walker
Asst. Director of Utilities
T: 954.921.3046
E: rawalker@hollywoodfl.or

CAS is currently contracted by the City of Hollywood to perform complete subsurface utility locate services of 600 miles of water main, 300 miles of sewer main, as well as force main, street lighting and water and wastewater treatment plant utilities for the 27 square mile municipality since March of 2004. CAS also provides utility locates for the city's engineering support services division for projects designed in-house including the North Lake Area, 14th Avenue, Pembroke Road and Johnson Street. Annual fees for locating are $300,000 with a total of $2,960,820 over 14 years.

ResponslbllItles:
Electronic surface designations, utility locations marked by use of ground penetrating radar (2D/3D radar tomography and electromagnetics), vacuum soft digs to confirm GPR results and GPS coordinates utilizing sub-centimeter equipment.







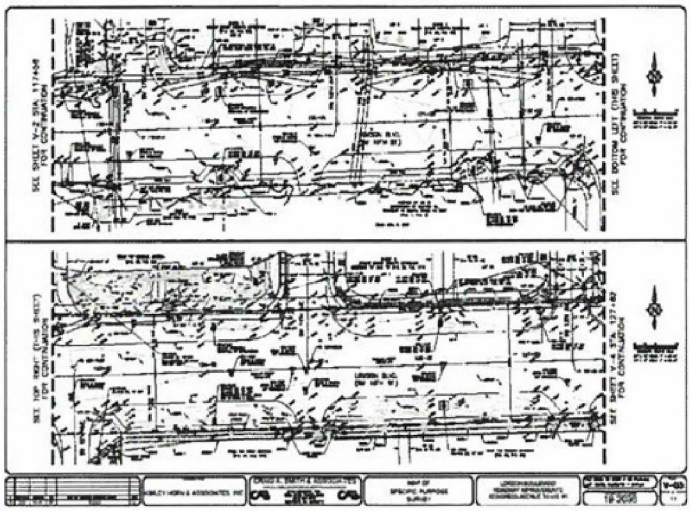
CITY OF HALLANDALE BEACH

HALLANDALE BEACH, FLORIDA

CLIENT City of Hollywood
Mr. Rob Walker
Asst. Director of Utilities
T: 954.921.3046
E: hcastro@hallandalebeachfl.gov

CAS was contracted by the City of Hallandale Beach to perform 3D Radar subsurface utility services for the city in specific project related areas including NE 14th Avenue. Complete specific purpose surveys and subsurface radar plans were prepared for the NE 14th Avenue right-of-way from NE 7th Street north to Fletcher Street. Underground utilities included water, gas, electric, telecommunications, reclaim water, sewer and stormwater were identified. SUE services were provided from 2003 until 2012 with a total fee of $69,549.

ResponsIbIlItIes:
Specific purpose survey, electronic surface designations, utility locations marked by use of ground penetrating radar (2D/3D radar and electromagnetics), vacuum soft digs to confirm GPR results and GPS coordinates utilizing sub-centimeter equipment.





LOWSON BOULEVARD IMPROVEMENTS

HOLLYWOOD, FLORIDA

CLIENT City of Hollywood
Mr. Rob Walker
Asst. Director of Utilities
T: 954.921.3046
E: rawalker@hollywoodfl.or

CAS performed survey and subsurface utility engineering as a subconsultant to Kimley-Horn & Associates, Inc. for the City of Delray Beach. The scope of work included a survey of all above ground visible improvements and utilities within the right-of-way of Lowson Boulevard (SW 10th Street) and 10 feet beyond the right-of-way line from the east right-of-way of Congress Avenue to the intersection of SE 6th Avenue. In addition, rims, pipe invert elevations, sizes and pipe materials were acquired for all existing drainage structures within the project limits. Subsurface utility engineering included soft digs at fifty (50) designated locations to verify depths, sizes and materials of conflicting buried utilities. The survey portion of the project is 100% complete. CAS is awaiting locations from the client for soft dig work. Total project cost was $58,550.

ResponslbllItles:
Boundary and topographic survey and utility locates utilizing soft digs to identify buried utilities and utility conflicts along with locating visible above grade utilities within the project corridor and development of basemap for engineering design.

edsa

PLANNING | LANDSCAPE ARCHITECTURE | URBAN DESIGN

BALTIMORE | FORT LAUDERDALE | NEW YORK | ORLANDO | SHANGHAI
www.edsaplan.com



KEITH

Engineering Inspired Design.

EL MAR DRIVE DESIGN SERVICES

RFQ 20-01-01

LAUDERDALE BY·THE·SEA

FEBRUARY 3, 2020




We are proud to help our community advance. Each project is tremendously important to the people we call our neighbors."
- A. Dodie Keith-Lazowick, President
KEITH
Engineering Inspired Design

Lauderdale by the Sea
RFQ 20-01-01

EL MAR DRIVE DESIGN SERVICES

February 3, 2020

Submitted by:

KEITH
Engineering Inspired Design.

Alex Lazowick, PE, PMP
President

KEITH
301 E. Atlantic Boulevard
Pompano Beach, FL 33060
(954) 788-3400
alazowick@KEITHteam.com

Additional Contact:
Heather Carroll
Marketing Coordinator
hcarroll@keithteam.com

288

February 3, 2020

Dear Evaluation Committee Members,



It is with great pleasure that Keith and Associates, Inc. dba KEITH provides you our team submittal for the Town of Lauderdale-By-The-Sea RFQ 20-01-01 for El Mar Drive Design Services. We believe our team provides the expertise within our craft and infuses all our efforts with precision and creativity. We look forward to exploring all these aspects in our response document with you. Over the past several years, the Town of Lauderdale-By-The-Sea has continued to reshape the community by reinvesting in the public realm. We applaud the Town for continuing to improve key assets for the community to ensure the future success of the Town, its residents and its stakeholders.

Throughout the Firm's 22-year history, KEITH, a licensed engineering corporation in the State of Florida, has been awarded over 500 municipal service contracts, including existing contracts with the City of Oakland Park, City of Parkland, City of Fort Lauderdale, City of Pompano, City of Deerfield Beach, Town of Southwest Ranches, Broward County Water/Wastewater Services (BCWWS), among others. Managing the design and construction of a professional services contract is an important and complicated job. KEITH has successfully completed the design, permitting, construction and certifications of hundreds of surveying & mapping, civil engineering, and landscape architecture projects throughout Broward County. We understand the many challenges each municipal faces and we have demonstrated our ability to provide quality, and functional designs, while maintaining budget parameters and expediting schedule requirements.

As one of the veteran consulting firms in Broward County, KEITH is extremely qualified to meet your Town needs. Our extensive related experience provides us with a real understanding and respect for the numerous stakeholders, consultants, contractors and agencies that must work concurrently, effectively, and in harmony for infrastructure improvement projects to culminate in success. We recognize the critical importance of effectively coordinating the Town's operations staff to minimize impacts to operations, beginning with development of design alternatives/concepts through construction.

Our firm's familiarity with local procedures, utility representatives, local conditions, and the Town's unique community provides us valuable insight into your project needs and requirements. Previously, KEITH has assisted the Town on the Continuing Professional Services Contract for Professional Services for Municipal Construction, Repair, & Maintenance Projects. Our experience with professional services contracts, combined with our specific discipline knowledge translates into an absolute minimal learning curve which can save the Town precious resources including time and money. Our involvement in the Community extends well beyond the profession, as we are active in various municipalities and in Broward County on a philanthropic and community support level. This support can be seen in the time, talent and treasure that KEITH continues to give back.

KEITH is a multi-disciplinary firm that provides holistic site development solutions, offering in-house expertise in Civil Engineering, Landscape Architecture, Surveying & Mapping, Subsurface Utility Engineering, Utility Coordination, Planning and Construction Management services. KEITH is a team of over 170 professionals and is led by President Alex Lazowick, PE, PMP and CEO Dodie Keith-Lazowick, PSM. KEITH is headquartered in Pompano Beach and has offices in Fort Lauderdale, Miami, Orlando, and Lake Worth. This work will be performed at the Pompano Beach office, located at 301 East Atlantic Boulevard, Pompano Beach, FL 33060.

Our Contract Administrator will be Stephen Williams, PE, Vice President of Civil Engineering. Mr. Williams ha

been involved in engineering design and engineering surveying in numerous water management projects for municipal, airports, parks, roadway and land development (subdivisions and commercial) in South Florida since 1970. Mr. Williams has extensive expertise in utility infrastructure projects in various municipalities (including the City of Plantation, Fort Lauderdale, Oakland Park, Wilton Manors, Tamarac, Parkland, etc.), airports, schools and private/commercial clients. Projects have included site plan and plat review, site engineering design and analysis (paving, grading, drainage, water, sanitary sewer design), and construction administration services. Mr. Williams' contact information is located below.

The Project Manager under this contract will be Ms. Lori Treviranus, PE, Vice President of Transportation. Ms. Treviranus has over 19 years of experience in civil engineering, experienced in roadway design, intersection development, super-elevation transitions, roadway modeling, cross-sections, pedestrian/bike paths, master planning, hydrology/hydraulic studies, cost estimation, stormwater control plans preparation, drainage and utility design, NPDES permitting and SWPPP preparation and implementation. She is familiar with the surveying aspect of civil engineering and has experience working with sustainable designs. Ms. Treviranus' contact information is located below.

KEITH recognizes that our primary responsibility will be to provide accurate and timely responsive service. Careful consideration of project conditions, scope, and the assignment of a responsive point of contact are necessary components in developing innovative project solutions and procedures to complete the project most efficiently and to maximize the Town's benefit. Our team has the experience, expertise, and resources necessary to complete all the assignments to your highest expectations and satisfaction. I assure that this team has the firm's full support to successfully complete this assignment for this important Town contract.

KEITH believes in a holistic approach to the design process that can be categorized into three general phases:

Exploration Phase – The process of becoming familiar with an area through extensive analysis.
Inspiration Phase – The process of developing ideas emanating from the exploration process.
Implementation Phase – The process of activating a decision or plan.

Each phase builds on the previous and seeks to combine a triple bottom line perspective; with an emphasis on social, ecological, and economic influences. This context-based design approach considers multiple facets of the development process to result in a resilient solution that is cultivated for each project and task. This paradigm highlights the individual parts, ultimately drawing attention to the interconnected nature of the whole. As we understand the whole, we consider each aspect that may ultimately affect the final product. Through this all-encompassing approach, KEITH provides a complete deliverable that is not only functional and practical, but aesthetically pleasing as well.

KEITH is committed to exceeding the Town of Lauderdale-By-The-Sea's expectations for this contract. We have assembled a team of in-house consultants that have worked together on many assignments and provide relevant experience performing the exact type of work required under this RFQ. We respectfully submit the following information for your review and we ask you for the opportunity to provide these engineering services to the Town.

Respectfully,

Alex Lazowick, PE, PMP
President, KEITH
alazowick@KEITHteam.com
954.788.3400

Stephen Williams, PE
Contract Administrator
VP of Civil Engineering
swilliams@KEITHteam.com
954.788.3400

Lori Treviranus, PE
Project Manager
VP of Transportation
ltreviranus@KEITHteam.com
954.788.3400

KEITH CERTIFICATES & LICENSES

State of Florida
Department of State

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

The document number of this corporation is P98000006011.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on February 5, 2019, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fifth day of February, 2019

Secretary of State

Tracking Number: 7798248538CC

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

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

Ron DeSantis, Governor

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KEITH & ASSOCIATES, INC.
301 EAST ATLANTIC BOULEVARD
POMPANO BEACH FL 33060

LICENSE NUMBER: CA7928
EXPIRATION DATE: FEBRUARY 28, 2021
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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

February 1, 2019

KEITH AND ASSOCIATES INC
301 EAST ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB6860

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

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

License No.: **LB6860**
Expiration Date February 28, 2021

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

KEITH AND ASSOCIATES INC
301 EAST ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

KEITH AND ASSOCIATES, INC.
301 EAST ATLANTIC BOULEVARD
POMPANO BEACH FL 33060

LICENSE NUMBER: LC26000457
EXPIRATION DATE: NOVEMBER 30, 2021
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TAB 1 Organization Profile, Qualifications, and Experience (RFQ Form 1) ..... **P 8**

A. RFQ Form 1 ..... **P 9**

B. Project Experience & Personnel ..... **P 11**

C. Documentation & Licenses ..... **P 20**

D. Meet the Project Manager ..... **P 21**

E. Resumes ..... **P 22**

TAB 2 References (RFQ Form 2) ..... **P 36**

TAB 3 Insurance ..... **P 38**

TAB 4 Professional Services Contract ..... **P 40**

TAB 5 Additional Forms ..... **P 60**

A. Respondent's Certification (RFQ Form 3) ..... **P 61**

B. Sworn Statement (RFQ Form 4) ..... **P 63**

C. No Financial Interest Statement (RFQ Form 5) ..... **P 66**

TAB 6 Appendix ..... **P 67**

A. Background & Capabilities ..... **P 68**

B. Approach to Scope & Project Control ..... **P 73**

C. Permitting Procedures ..... **P 76**

D. Signed Addendum ..... **P 77**

TAB 1
ORGANIZATION PROFILE, QUALIFICATIONS, & EXPERIENCE

Engineering Inspired Design.



CCNA RFQ El Mar Drive Design Services
RFQ 20-01-01

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH YOUR RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 1: QUALIFICATIONS STATEMENT

Proposer: **Keith and Associates, Inc. dba KEITH**

1. State the full and correct name of the partnership, corporation or trade name under which you do business and the address of the place of business. (If a corporation, state the name of the president and secretary. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.)
   a. The correct and full legal name of the Respondent is: **Keith and Associates, Inc. dba KEITH**
   b. The business is a (Sole Proprietorship) (Partnership) (Corporation).
   c. The names of the corporate officers, or partners, or individuals doing business under a trade name, are as follows: **President: Alexander S. Lazowick, PE (a/o January 2020 - currently being updated)**
      Former President: Adolphine Keith-Lazowick
      Secretary: Elizabeth Underwood
2. Please describe your company in detail:
   a. Number of employees; **170 employees**
   b. Number of years your organization been in business; and, **22 years**
   c. The organization's specialty. **Please see page 68 for firm background in the Tab 6 Appendix**
      Services & Capabilities - Page 69
      Permitting - Page 76
3. The contact information (address, telephone and fax) of the principal place of business:
   301 East Atlantic Blvd., Pompano Beach, FL 33060 Ph: 954.788.3400
4. The contact information (address, telephone and fax) of the closest business location to TOWN if different than number 3:
5. Name and title of employees to be assigned to the Town contract, if awarded:
   Please see page 11 for Team and pages 22-35 for Resumes
6. Company identification numbers for the Internal Revenue Service: **65-0806421**
7. Broward County business tax receipt number, if applicable, and expiration date:
   Broward County Tax Receipt # 315-756 Exp: September 30, 2020
8. List the last three project of this nature that the firm has completed? Please provide project description, reference and cost of work completed.
   Please see pages 12-19 under Tab 1, Project Experience & Personnel
9. Have you ever failed to complete any work awarded to you? If so, where and why?
   No.

294

RFQ FORMS

10. Provide the following information concerning all contracts that are similar in nature or use the same project team proposed for this contract that are ***in progress*** as of the date of submission of this Response.

Name of Project	Contract with:	Contract Amount	Estimated Completion Date	% of Completion to Date
Consulting Services Engineering SR A1A Streetscape	City of Pompano Beach	$1,499,605.00	2021	30%
Dixie Highway and Atlantic Blvd	Kimley-Horn and Assoc.	$169,500.00	2020	70%
Fairfield Residential Parking Improvements	FF Realty IV, LLC	$47,000.00	2021	50%
Ft. Lauderdale Int'l Airport N. Perimeter Rd. Extension	Broward County Aviation Department	$533,474.22	2020	95%
Sears Town	RK Centers	$99,000.00	2021	10%
Sistrunk Redevelopment West Village	Finrock	$224,960.00	2021	30%
DC Alexander Park	City of Fort Lauderdale	$134,154.50	2020	35%
Isle Casino Parking Lot	Urbano 500, LLC	$45,000.00	2021	10%
Fort Lauderdale Int'l Airport Utilities and Pavement Projects	Broward County Aviation Department	$2,803,516.98	2020	70%

(Continue list as necessary)

Provide the following information for any sub-contractors you propose to engage if awarded a contract.

Subcontractor Name	Contact Information	Work to be Performed
N/A		

The foregoing list of subcontractors may not be amended after award of the contract without the prior written approval of the Town Manager, whose approval shall not be unreasonably withheld.

TOWN OF LAUDERDALE-BY-THE-SEA EL MAR DRIVE DESIGN SERVICES TEAM

KEITH, with their team of industry experts, is here to assist the Town of Lauderdale-By-The-Sea. The projects listed on pages 12-19 highlight a number of recent projects that are similar to the scope of work presented by the Town. Listed below is KEITH's team of experts who will be involved in the El Mar Drive Design Services along with their work correlated to the listed highlighted projects.



Project Manager

Lori Treviranus, PE
Vice President of Transportation

Projects:

- [x] Washington St. Mobility Improvements
- [ ] Colonial Drive Streetscape Improvements
- [ ] MLK Blvd Downtown Pompano Connectivity
- [ ] Pompano Beach Blvd Streetscape
- [ ] Holmberg Roadway Improvements
- [ ] Deerfield Beach Ocean Way Improvements
- [x] Pompano Beach CRA Misc. Services
- [x] Deerfield Beach Misc. Engineering, Planning, & Survey Services



Client Manager

Stephen Williams, PE
Vice President of Civil Engineering

Projects:

- [x] Washington St. Mobility Improvements
- [x] Colonial Drive Streetscape Improvements
- [x] MLK Blvd Downtown Pompano Connectivity
- [ ] Pompano Beach Blvd Streetscape
- [ ] Holmberg Roadway Improvements
- [ ] Deerfield Beach Ocean Way Improvements
- [x] Pompano Beach CRA Misc. Services
- [x] Deerfield Beach Misc. Engineering, Planning, & Survey Services

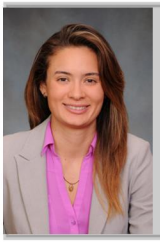


QA/QC Manager

Thomas Donahue, PE
Director of Civil Engineering

Projects:

- [x] Washington St. Mobility Improvements
- [ ] Colonial Drive Streetscape Improvements
- [ ] MLK Blvd Downtown Pompano Connectivity
- [ ] Pompano Beach Blvd Streetscape
- [ ] Holmberg Roadway Improvements
- [ ] Deerfield Beach Ocean Way Improvements
- [x] Pompano Beach CRA Misc. Services
- [x] Deerfield Beach Misc. Engineering, Planning, & Survey Services

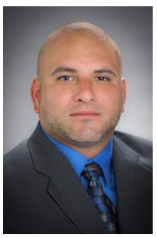


Lead Designer

Michelle Melo, PE
Project Manager I

Projects:

- [x] Washington St. Mobility Improvements
- [ ] Colonial Drive Streetscape Improvements
- [ ] MLK Blvd Downtown Pompano Connectivity
- [ ] Pompano Beach Blvd Streetscape
- [ ] Holmberg Roadway Improvements
- [ ] Deerfield Beach Ocean Way Improvements
- [x] Pompano Beach CRA Misc. Services
- [x] Deerfield Beach Misc. Engineering, Planning, & Survey Services

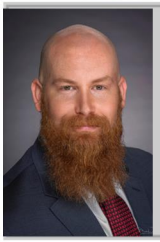


SUE/UC Manager

Daniel Checchia
Vice President of Location Services

Projects:

- [x] Washington St. Mobility Improvements
- [ ] Colonial Drive Streetscape Improvements
- [x] MLK Blvd Downtown Pompano Connectivity
- [x] Pompano Beach Blvd Streetscape
- [ ] Holmberg Roadway Improvements
- [ ] Deerfield Beach Ocean Way Improvements
- [x] Pompano Beach CRA Misc. Services
- [x] Deerfield Beach Misc. Engineering, Planning, & Survey Services



Survey & Mapping Manager

Lee Powers, PSM
Director of Surveying & Mapping

Projects:

- [ ] Washington St. Mobility Improvements
- [x] Colonial Drive Streetscape Improvements
- [ ] MLK Blvd Downtown Pompano Connectivity
- [x] Pompano Beach Blvd Streetscape
- [x] Holmberg Roadway Improvements
- [x] Deerfield Beach Ocean Way Improvements
- [x] Pompano Beach CRA Misc. Services
- [x] Deerfield Beach Misc. Engineering, Planning, & Survey Services



Landscape Architect Manager

Michael Phillips, PLA, ALSA, ISA Certified Arborist
Senior Landscape Architect

Projects:

- [x] Washington St. Mobility Improvements
- [x] Colonial Drive Streetscape Improvements
- [x] MLK Blvd Downtown Pompano Connectivity
- [ ] Pompano Beach Blvd Streetscape
- [x] Holmberg Roadway Improvements
- [ ] Deerfield Beach Ocean Way Improvements
- [x] Pompano Beach CRA Misc. Services
- [x] Deerfield Beach Misc. Engineering, Planning, & Survey Services

KEITH

Washington Street and SW 72nd Mobility Improvements

Project Location: Hollywood, FL
Project Commencement: 2018
Project Completion: 2019



Client: FDOT District 4
Mr. Raul Dominguez, Project Manager
(954) 777-4677
raul.dominguez@dot.state.fl.us

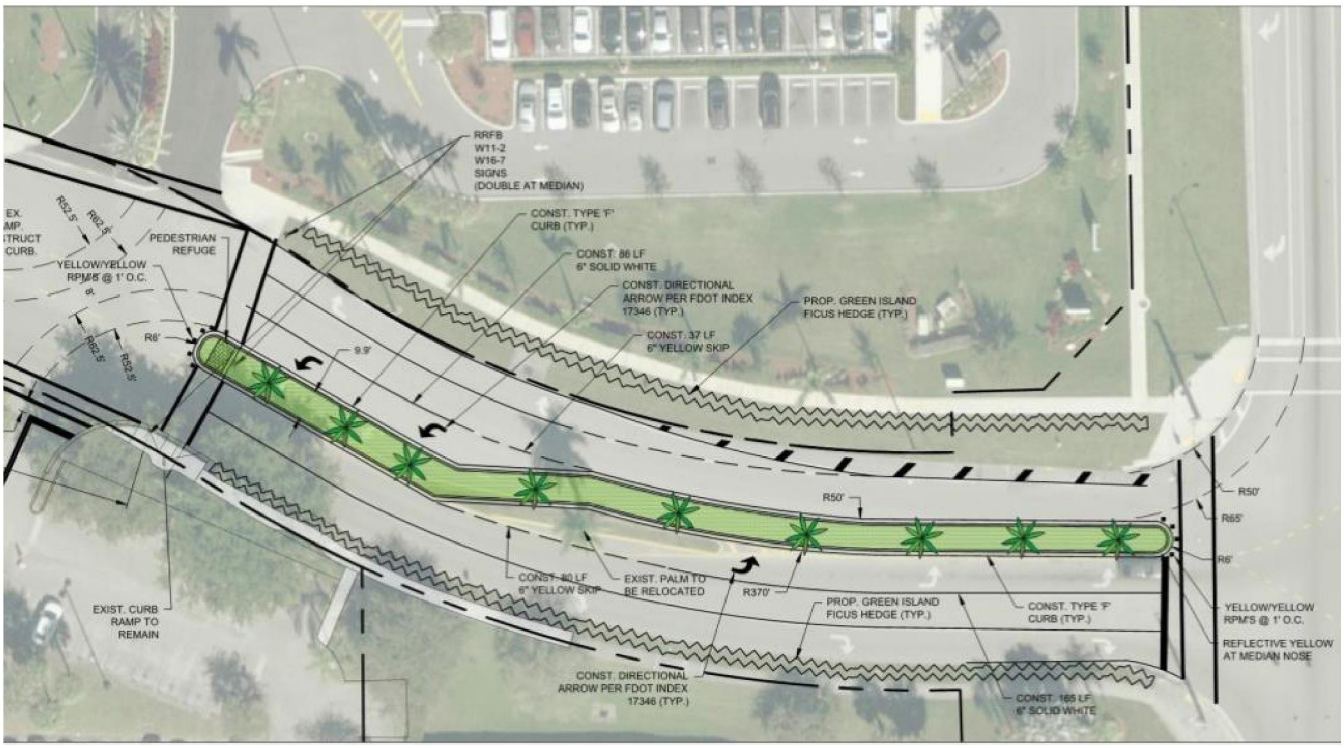
Project Description: KEITH was selected by the Florida Department of Transportation for this design project that will add bicycle lanes and pedestrian improvements to each corridor. The KEITH team will provide roadway, drainage, signing and pavement marking, landscaping, survey, SUE, utility coordination, Geotech, and public involvement services to the Department for the project. This is a Broward County Metropolitan Planning Organization (MPO) funded project and FDOT District 4 is the client and project facilitator. Our team's extensive experience coordinating with multiple agencies and stakeholders are key factors for the successful completion of this project.

Cost of Work: $1,149,049.28

KEITH

Colonial Drive Traffic Calming, Pedestrian Routing and Streetscape Improvements - Phase I

Project Location: Margate, FL
Project Commencement: 2016
Project Completion: 2019



Owner: City of Margate
Kim Vazquez, Project Manager
(954) 964-3641
KVazquez@margatefl.com

Project Description: KEITH provided Phase 1 of traffic calming, pedestrian routing and streetscape improvements containing approximately 500 LF of Local Roadway. Scope entails schematic drawings of existing conditions, concept drawings including two alternatives considering potential lane width modifications, road geometry adjustments, landscaping, street lighting, potential pavement enhancements, other improvements aimed at enhancing pedestrian crossing experience on Colonial Drive and traffic calming, cost estimates, coordination meeting with Northwest Regional Hospital and MCRA staff and public workshops, if necessary.

Cost of Work: $50,745.00

KEITH

MLK Blvd. Downtown Pompano Connectivity

Project Location: Pompano Beach
Project Commencement: 2012
Project Completion: 2016





Client: City of Pompano Beach CRA
Mr. Horacio Danovich, CIP Engineer
100 West Atlantic Boulevard
Pompano Beach, Florida 33060
Tel: 954.786.7834
Email: horacio.danovich@copbfl.com

Project Description:

Phase 1: KEITH performed an area-wide study of the Pompano Northwest CRA existing roadway and utility infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on suitability of the CRA's owned land and proposed land uses along the corridor.

Phase 2: KEITH assembled a multi-disciplinary team including KEITH as the Lead/Prime consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features along MLK Boulevard, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment), and significant drainage and roadway improvements.

KEITH assisted the Pompano Northwest CRA and the City of Pompano Beach with construction management of their Contractor (selected as a Construction Management At-Risk (CMAR).

Cost of Work: $1,180,345.53

KEITH

Pompano Beach Boulevard Streetscape

Project Location: Pompano Beach
Project Commencement: 2010
Project Completion: 2013



Client: City of Pompano Beach
Mr. Horacio Danovich, CIP Engineer
100 West Atlantic Boulevard
Pompano Beach, Florida 33060
Tel. (954) 786-7834
horacio.danovich@copbfl.com

Project Description: The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways adjacent to Pompano Beach, south of the pier to Atlantic Boulevard, including a signature plaza at the end of Atlantic Boulevard, and North to NE 5th Street. Because much of the project was located seaward of the Coastal Construction Control Line, the design required extensive hydrographic and topographic survey in accordance with the requirements of the Florida Department of Transportation Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081.

KEITH was responsible for Civil Engineering Design and Surveying for the development of a unique beach front venue including enhancement of roadway and on-street parking pedestrian streetscape/landscape, drainage improvements, relocation, utility infrastructure along Pompano Beach Blvd and underground of overhead Utilities from Atlantic Boulevard to NE 5th Street.

Cost of Work: $391,820.75

300

KEITH

Holmberg Roadway Improvements

Project Location: Parkland
Project Commencement: 2011
Project Completion: 2013





Client: City of Parkland
Sowande Johnson, PE
Assistant City Manager
Tel: (954) 757-4144
sjohnson@cityofparkland.org

Project Description:

KEITH was selected to provide professional engineering design and related services to the City of Parkland for roadway improvements along Holmberg Road between Pine Island Road and University Drive.

The roadway improvements included incorporating new dedicated bicycle lanes and roadside swales along both sides of the roadway, roadway milling and resurfacing (with some widening), miscellaneous safety improvements, landscape adjustments, overall drainage and roadway improvements. The scope of services for this project includes Surveying, Utility Locating Subsurface Utility Engineering (SUE), Engineering, Permitting and complete Construction Administration.

In addition to processing multiple permit and plan approvals through the many jurisdictional agencies, KEITH was instrumental in assisting the City with pre-construction coordination with the School Board of Broward County and public outreach with the adjacent Home Owner Associations (HOAs) to limit construction impacts to the facilities. KEITH assisted in establishing procurement guidelines to pre-qualify the most qualified contractors possible to bid on the project. This contractor pre-qualification facilitated the construction management of the project and the overall project success in being completed on time and within budget. Phase II of the project included the addition of Roadside Flashing Beacons (RRFBs) at the intersection of Holmberg Rd. and NW 87th Ave.

Cost of Work: $49,000.00

301

KEITH

Deerfield Beach Ocean Way Improvements

Project Location: Deerfield Beach
Project Commencement: 2004
Project Completion: 2006





Client: City of Deerfield Beach CRA
Ms. Kris Mory CRA Director/Economic Development Manager
Tel: 954-480-4262
Email: KMory@deerfield-beach.com

Project Description: This was a project involving engineering, permitting, construction administration/inspection and surveying services for a 1-mile portion of Ocean Way in the City of Deerfield Beach CRA. The project objective was to resolve significant drainage issues and provide traffic calming and beautification in the corridor. Services included complete engineering design, construction engineering inspection services, topographic/design surveying and extensive community liaison services. Project improvements entailed extensive streetscape design elements including decorative brick paver sidewalks, gateway entrance features, and paver crosswalks, and included a new underground stormwater system to address flooding issues and a dilapidated existing system. Marine sea turtle compliant lighting concerns, beach restoration and coastal permitting were all encompassed in the scope of services.

Community involvement and consensus building were critical elements of our liaison responsibilities for this sensitive coastal community. Keith and Associates facilitated a number of charrettes to provide project information and obtain community input and consensus from the homeowners and associations impacted by the project.

This was a time sensitive 18 month beautification and drainage improvement project which was completed on time and under the project budget.

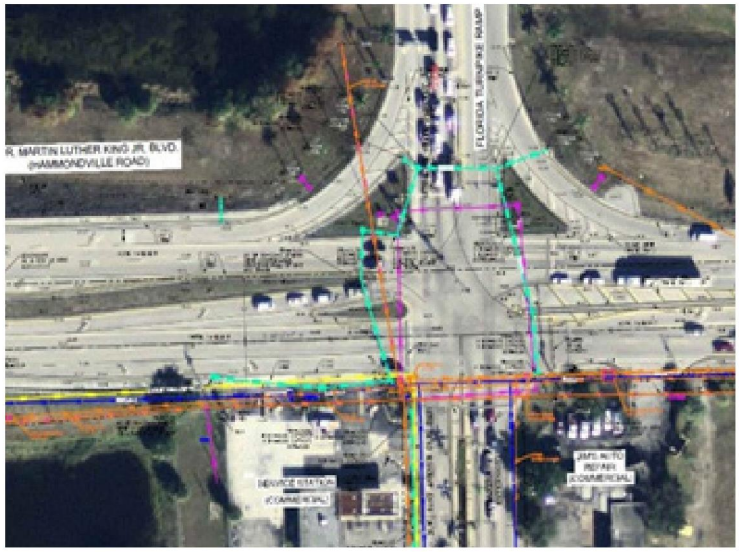
Cost of Work: $200,190.00

302

KEITH

Miscellaneous City of Pompano Beach CRA Services

Project Location: Pompano Beach
Project Commencement: 2002
Project Completion: On-going





Client: City of Pompano Beach CRA
Dr. Horacio Danovich, CIP Engineer
100 West Atlantic Boulevard
Pompano Beach, Florida 33060
Tel: (954) 786-7834

Project Description: KEITH is currently providing general engineering and surveying and mapping services to the CRA on an as needed basis on this ongoing continuing services contracts. Some projects provided under these contracts include:

- MLK Boulevard and Blount Road Improvements
- MLK Boulevard Education Corridor Improvements
- FEC Railroad Right-of-Way Study
- Pompano Beach Boulevard Streetscape & Dune Revitalization
- East Atlantic Boulevard/Pompano Beach Boulevard Surveys
- Old Pompano Area Design Survey (North of Atlantic Boulevard)
- NW CRA Update Boundary Survey to Design Survey
- MLK Boulevard Survey (I-95 to Dixie Highway)
- Right-of-Way Vacations & Dedications for NW CRA (NW 4th Street and NW 4th Avenue)
- Professional Services for Mixed-Use Downtown Pompano Connectivity Plan
- NW 6th Street Topographic Survey and Street Light Locations
- NW Corner of NW 6th Avenue/MLK Boulevard Plat & Re-Plat
- FPL Utility Easements
- Professional Services for MLK Boulevard Streetscape Improvements
- FEC Flagler Corridor Landscape Easements
- Rezoning of NE Corner of MLK Boulevard & NW 6th Avenue
- Trafficway Plan Amendment for MLK Boulevard/Hammondville Road
- Old Pompano Area Water and Sewer Improvements for Future Development Restaurants
- MLK Boulevard Water Main Design

KEITH

City of Deerfield Beach Miscellaneous Engineering, Planning & Surveying Services

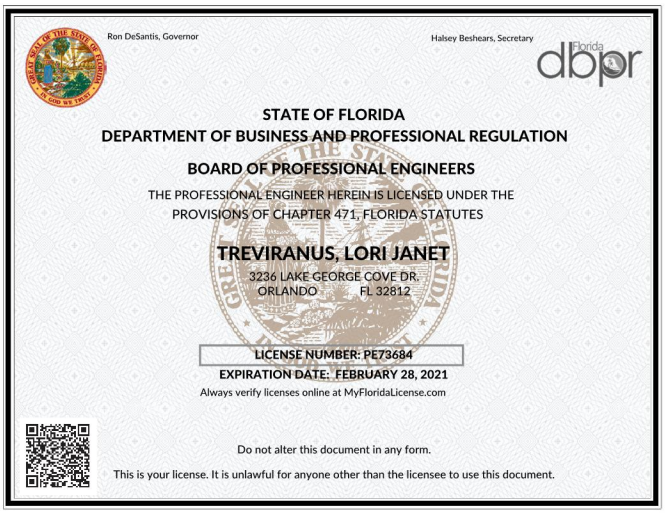
Project Location: Deerfield Beach, FL
Project Commencement: 2004
Project Completion: On-going



Client: City of Deerfield Beach
Mr. Thomas Good
(954) 480-4400
TGood@deerfield-beach.com

Project Description: KEITH has served as the General Engineering Consultant for the City of Deerfield Beach for over 14 years. KEITH is providing on-going continuing serves as needed including engineering and surveying and mapping services to the municipality. KEITH also provided plan review services Some projects provided under these contracts include:

- Hillsboro Blvd and A1A "S-Curve" Beach Roadway Drainage and Beautification (Phase I and II)
- Ocean Way Café Luna Improvements
- Ocean Way Drainage, Infrastructure, and Beautification Improvements
- Deerfield Beach Sand and Dune Stabilization Re-nourishment and Erosion Control
- Deerfield Beach Boardwalk, Volleyball Courts and Artificial Reef Improvements
- Main Beach Parking Lot Improvements
- Intersection Improvement Design of Goolsby Blvd/Hillsboro Blvd
- Intersection Improvement Design of Century Blvd/Hillsboro Blvd
- Hillsboro Blvd Streetscape Improvements
- SW 15th Street Roadway Improvements
- Sullivan Park/Kester Marina Developments
- Pioneer Park Improvements and Boat Ramp Improvements
- Mayo Howard Park Surveys
- Paradise Point Engineering Design Surveys
- Comprehensive Plan Housing Element Update
- Industrial Zoning Ordinance
- Encroachment Exhibits Survey
- ADA Sidewalk Assessments and Design Services
- Powerline Industrial Park FEMA Drainage Study and Grant Application
- The Cove Shopping Plaza, Parking Lot and Alleyways Redevelopment & Beautification
- Deer Run Parkway Boundary Survey
- Highlands Park Improvements



Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

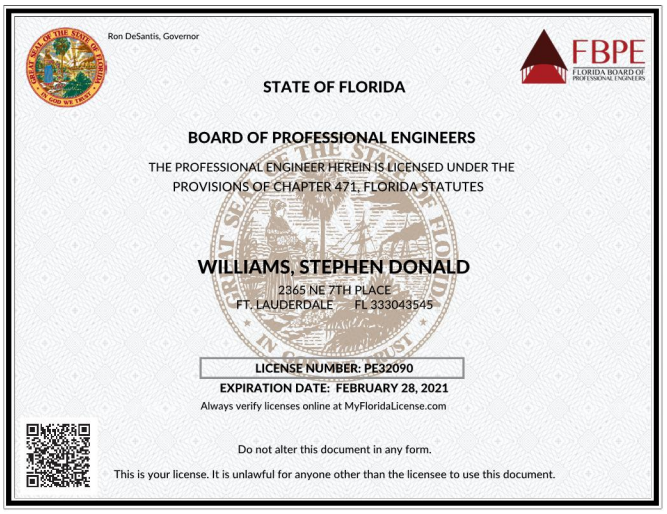
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TREVIRANUS, LORI JANET
3236 LAKE GEORGE COVE DR.
ORLANDO FL 32812

LICENSE NUMBER: PE73684
EXPIRATION DATE: FEBRUARY 28, 2021
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Lori Treviranus, PE



Ron DeSantis, Governor

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

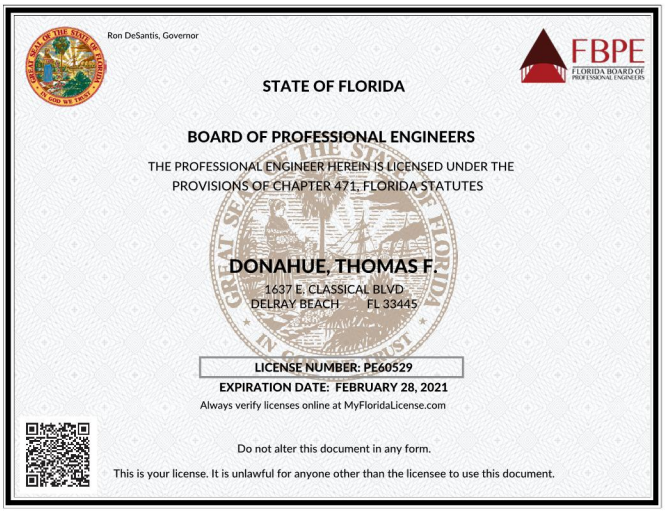
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WILLIAMS, STEPHEN DONALD
2365 NE 7TH PLACE
FT. LAUDERDALE FL 333043545

LICENSE NUMBER: PE32090
EXPIRATION DATE: FEBRUARY 28, 2021
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Stephen Williams, PE



Ron DeSantis, Governor

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

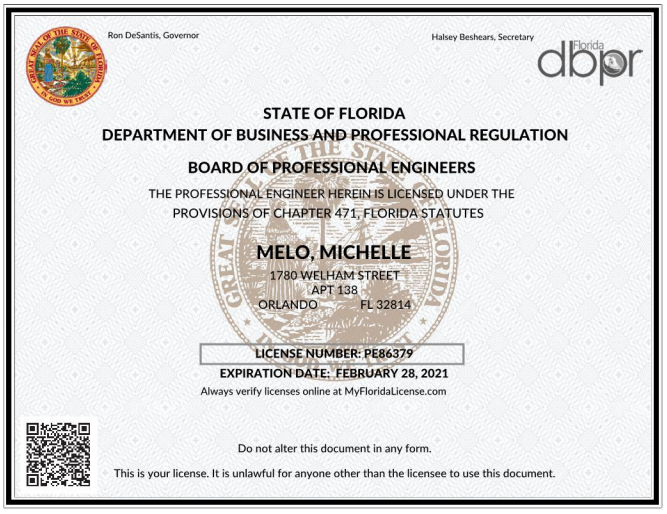
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

DONAHUE, THOMAS F.
1637 E. CLASSICAL BLVD
DELRAY BEACH FL 33445

LICENSE NUMBER: PE60529
EXPIRATION DATE: FEBRUARY 28, 2021
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Thomas Donahue, PE



Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

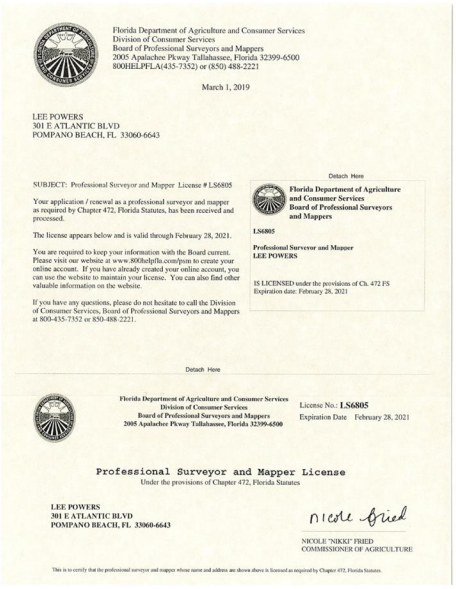
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MELO, MICHELLE
1780 WELHAM STREET
APT 138
ORLANDO FL 32814

LICENSE NUMBER: PE86379
EXPIRATION DATE: FEBRUARY 28, 2021
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Michelle Melo, PE



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

March 1, 2019

LEE POWERS
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

SUBJECT: Professional Surveyor and Mapper License # LS6805

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers

LS6805

Professional Surveyor and Mapper
LEE POWERS

IS LICENSED under the provisions of Ch. 472 FS
Expiration date: February 28, 2021

Detach Here

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

License No.: LS6805
Expiration Date February 28, 2021

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

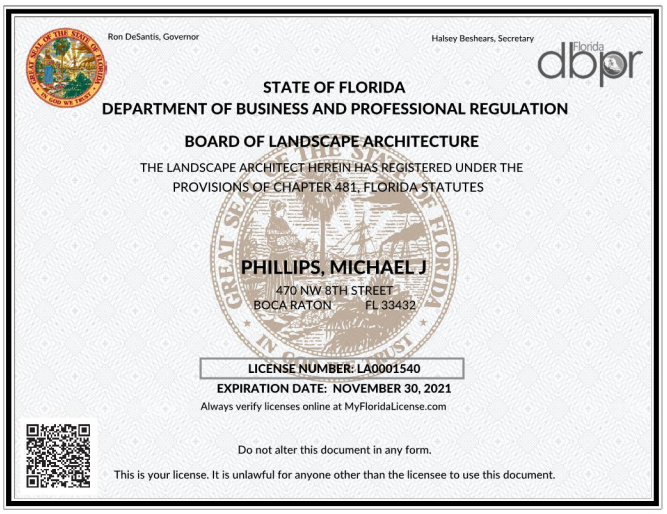
LEE POWERS
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Lee Powers, PSM



Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

PHILLIPS, MICHAEL J
470 NW 8TH STREET
BOCA RATON FL 33432

LICENSE NUMBER: LA0001540
EXPIRATION DATE: NOVEMBER 30, 2021
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Michael Phillips, PLA, ASLA, ISA

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MEET THE PROJECT MANAGER

Lori Treviranus, PE, Vice President of Transportation, has extensive knowledge in the transportation realm, as well as roadway sustainability. As your Project Manager, Ms. Treviranus is dedicated to delivering quality services with a promise to exceed the Town of Lauderdale-By-The-Sea's expectations.

As a lifelong Florida resident, Ms. Treviranus holds a personal responsibility to create a better environment for local residents. As a child, she has been raised in the construction field environment around her father's business. Her early exposure to engineering has created a continuous passion for infrastructural development, and this passion will reflect in the work proposed by the Town.

With over 18 years of experience, Ms. Treviranus has provided high quality solutions to transportation agencies, local governments, private developers, and institutional clients across Florida. She is experienced in roadway design, intersection development, roadway modeling, pedestrian/bike paths, stormwater control plans, and drainage and utility design.

Lori Treviranus, PE

Project Manager, Vice President of Transportation



Ms. Lori Treviranus has over 18 years of experience in civil engineering, providing the highest quality infrastructure and facility solutions to transportation agencies, local governments, private developers and institutional clients. She is experienced in roadway design, intersection development, super-elevation transitions, roadway modeling, cross-sections, pedestrian/bike paths, master planning, hydrology/hydraulic studies, cost estimation, stormwater control plans preparation, drainage and utility design, NPDES permitting and SWPPP preparation and implementation. In addition, she is familiar with the surveying aspect of civil engineering and has experience working with sustainable designs. Typical scopes of work she has been responsible for include acquisition and due diligence tasks, creation of conceptual plans and assistance with funding throughout the project phases and public outreach activities.

Years of Experience
18

Education
B.S. Civil Engineering, University of Florida, 2000

Professional Registrations
State of Florida Professional Engineer, #73684 (2011)

Professional Certifications
Qualified SWPPP Development/ Practitioner, California #66408

Professional Affiliations
American Society of Civil Engineers (ASCE)

American Society of Highway Engineers (ASCE) Central Florida Chapter Member

Women's Transportation Seminar (WTS) Central Florida Chapter Member

RELEVANT PROJECT EXPERIENCE

City of Pompano Beach Continuing Engineering an Surveying Services, Pompano Beach, FL: KEITH is currently providing general engineering services to the municipality on an as-needed basis on this ongoing continuing services contract. KEITH has served as the General Engineering Consultant for the City for over 16 years. Some of the projects provided under this contract include SE 8th Court Bridge Replacement, municipal reclaimed water main design, Pompano Beach Sidewalk Construction Program, Harbor Drive Beautification and Roadway Improvements, municipal golf course, cemetery, dog park and pier renovations, Pompano Beach branch library renovations, Oceanside Fire Station No. 11, NE 4th Street reuse water line expansion, condition assessments for various City owned buildings and facilities, Pompano Beach Boulevard water main design, municipal chiller plant, Fire Station No. 103 Design, SW 36th Avenue sidewalk and pedestrian bridge, Founders Park, and Pompano Air Park maintenance building design.

Fast Forward Fort Lauderdale Design and Construction Manual, Fort Lauderdale, FL: KEITH is working with renowned architecture firm Brooks + Scarpa to develop a design and construction manual for a sustainable and resilient community and cohesive public realm that could potentially impact every facet of infrastructure and design within the city. Ms. Treviranus is responible for all transportation and traffic elements of the manual.

Isle Casino, Pompano Beach, FL: Ms. Treviranus is working with the Cordish and El Dorado Resort companies to develop a campus wide master plan for the nearly 250 acre campus. Partnering with Elkus Manfredi architects, KEITH is responsible for comprehensive planning documents, rezoning, traffic analysis, agency coordination, civil engineering and stakeholder/public engagement. The plan will be transformative to the campus as well as the overall neighborhood.

City of Parkland Miscellaneous Engineering Services, Parkland, FL: KEITH is currently providing general engineering, planning and surveying services to the municipality on an as-needed basis as part of our Continuing Contract for Professional Engineering, Planning and Surveying Services. Some projects provided under these contracts include Pine Trails Park Wetland Mitigation Area, Municipal Land Use Map Amendments, Master Plan for "The Wedge" Parcel, Parkland Dog Park Design, Capital Improvements Elements (CIE) Annual Update, Liberty Park (Build-A-Park Community Project), Annexation Parcel Map Exhibit, Dollyland Parcel Sketch, Misty Meadows Parcel Sketch, North Springs Improvement District Parcel, Holmberg Road Sidewalk Improvements, Holmberg Road Roadway Improvements, Citywide Traffic Study, Update City of Parkland Maps, Pine Trails Park Roadway & Utility Improvements, Land Use Map Update & Text Amendment, Lox Road Lighting Photometric Plan, Parkland Roundabout Conceptual Design, and the Tennis Center at Quigley Park.

City of Pompano Beach GO Bond Parks, Pompano Beach, FL: The KEITH Team was recently awarded prime consultant contracts for three Pompano Beach General Obligation Bond Park

redevelopment projects: North Pompano Park, Youth Sports Complex, and Centennial Park. The design phase for these projects is currently underway, and includes surveying, subsurface utility engineering, civil engineering, traffic / transportation engineering, landscape architecture, and planning. All three projects have also incorporated significant public outreach processes.

FDOT District 4 Design Services for Washington Street and 72nd Avenue Mobility Improvements, Hollywood, FL: This project will widen existing portions of Washington Street and 72nd Avenue to accommodate installation of bike lanes, while performing ADA upgrades and drainage improvements as needed. This project's stakeholders include FDOT, the City of Hollywood and the Broward County Metropolitan Planning Organization (MPO). Ms. Treviranus is responsible for coordinating with these agencies, while leading the design team.

FDOT District 4 SE 3rd Avenue from SE 17th Street to SE 6th Street, Broward County, FL: This project included the milling, resurfacing and restriping of SE 3rd Street to convert a five-lane roadway to a four-lane roadway with buffered bicycle lanes in downtown Fort Lauderdale. The project concept created a complete street to accommodate multiple road users, while also preserving the Town's historic oak tree canopy and utilizing context sensitive solutions to avoid tree removal. ADA ramps were improved or added, crosswalks were striped and drainage modifications were included at the SE 14th Street intersection. The project also replaced/installed new signage necessary to conform to MUTCD and current Greenbook Design Standards. The key issue of this project was coordination; we coordinated with the City of Fort Lauderdale and Broward County for their preferences and standards, Broward County Metropolitan Planning Organization (MPO) since they funded a portion of the project and FDOT District 4 as the client and project facilitator.

FDOT District 4 SW 56th Avenue from Pembroke Road to Stirling Road, Broward County, FL; Ms. Treviranus served as the Project Manager for this complete street mobility project which includes the widening, milling and resurfacing of SW 56th Avenue to add 7-foot buffered bicycle lanes for the length of the project. ADA ramps improvements, signing and pavement markings and replacement/installation of new signage as necessary to conform to MUTCD and current Greenbook Design Standards is included in the contract. The key issue of this project is coordination; we are coordinating with the City of Fort Lauderdale and Broward County for their preferences and standards, Broward County Metropolitan Planning Organization (MPO) since they are funding a portion of the project and FDOT District 4 as the client and project facilitator.

Florida's Turnpike Enterprise (FTE), SR 91 (Turnpike Mainline) at SR 786 (PGA Boulevard), Palm Beach County, FL: Ms. Treviranus served as utility coordinator for this project to widen SR 91 (Turnpike Mainline) to accommodate a second eastbound and westbound left turn lane onto SR 786 (PGA Boulevard). It included milling and resurfacing, drainage improvements, intelligent transportation systems (ITS) improvements, signal mast arm replacement, three overhead cantilever signs structures, utility coordination and coordination with FDOT District 4 (for maintenance on PGA Boulevard), Palm Beach County and the City of Palm Beach Gardens.

Florida's Turnpike Enterprise (FTE), SR 91 (Turnpike Mainline) from MP 117.84 to MP 138.03, Martin County, FL: As Project Engineer, this project included development of an Existing Roadway Conditions Assessment Report (ERCAR), a detailed analysis of the existing conditions of 20 miles of SR 91 (Turnpike Mainline) and one interchange, with respect to design standards and safety of the roadway, bridges, drainage, signs and miscellaneous project components. The ERCAR documented deficiencies, recommended solutions and identified associated costs.

Florida's Turnpike Enterprise (FTE), SR 91 (Turnpike Mainline) from MP 106.10 to MP 111.70, Palm Beach County, FL: This project included development of an Existing Roadway Conditions Assessment Report (ERCAR), a detailed analysis of the existing conditions of the Turnpike Mainline and one interchange with respect to design standards and safety of the roadway, bridges, drainage, signs and miscellaneous project components. The ERCAR documented deficiencies, recommended solutions and identified associated costs. The project limits also included two interchanges, one at MP 107, SR 710/Beeline Highway and one at MP 109, PGA Boulevard/Palm Beach Gardens. We reviewed all ramps and the signalized intersections at SR 710/Beeline Highway. The signals at the PGA Boulevard/Palm Beach Gardens intersections were covered under another project.

Florida's Turnpike Enterprise (FTE), SR 91 (Turnpike Mainline) Okeechobee Boulevard Interchange, Palm Beach County, FL: Ms. Treviranus served as utility coordinator for this interchange ramp realignment project. The purpose of this project was to evaluate and redesign the existing ramp geometry, signing and lighting to address run-off-the-road crashes at the southbound exit ramp. Project elements included milling and resurfacing, widening, cross slope correction, minor drainage, stormwater pollution prevention plan (SWPPP), utility coordination, signing and marking, lighting, ITS and temporary traffic control plan (TTCP).

STEPHEN WILLIAMS, SR., PE

Client Manager, Vice President of Civil Engineering



Mr. Stephen Williams has been engaged in civil and transportation engineering design and construction in South Florida since 1970. Mr. Williams has served as the record engineer for numerous transportation, utility, water management, municipal, aviation, recreation, roadway and land development (governmental, residential, mixed-use and commercial) projects in South Florida. These include projects at Florida's Turnpike, Miami International and Fort Lauderdale-Hollywood International Airports and multiple projects for the local municipalities, school districts and universities. Projects have included roadway and site engineering design and analysis (paving, grading, drainage, water and sanitary sewer design and construction administration) for both private and governmental clients. He has served as the general municipal civil engineering consultant to cities of Oakland Park, Miramar, Plantation, Fort Lauderdale, Sunrise, Pompano Beach and Tamarac throughout his career. Notably, Mr. Williams developed a SWMM EXTRAN computer model for the 55,000-acre Indian River Farms Water Control District. Mr. Williams also serves as the Firm's Senior Quality Assurance /Quality Control (QA/QC) Officer and continuously monitors all projects for compliance with our established QA/QC Program.

Years of Experience
48

Education
B.S. Civil Engineering, University of Florida, 1977

Professional Registrations
State of Florida Professional Engineer, #32090 (1982)

Professional Affiliations
American Society of Civil Engineers (ASCE), Member

Florida Engineering Society (FES), Member

National Society of Professional Engineers (NSPE)

RELEVANT PROJECT EXPERIENCE

Bikeway Feasibility Study, Tamarac, FL: Mr. Williams served as the Project Manager under this general engineering contract, conducting a feasibility study for possible bikeways in the City. He assessed the existing conditions and identify potential economic benefits for the City that may result from the implementation of a bikeway system. As part of the study, he conducted a community workshop to get citizen input to determine need, possible locations, and potential costs of various locations and pathways.

City of Oakland Park, General Engineering Services, Oakland Park, FL: Mr. Williams served as the Project Manager, providing professional engineering services for projects identified in the City's Capital Improvement Plan, Stormwater Master Plan, Community Development Program and miscellaneous engineering services. Projects included design services for drainage/ stormwater management systems, water/wastewater utility systems, including related roadway, utility, environmental and permit related services; and landscaping.

City of Oakland Park, Royal Palm Park, Oakland Park, FL: Mr. Williams served as the Project Manager. The existing 30-acre Royal Palm Park is more than 20 years old and was scheduled for modernization and additions in 2004 due to some significant Florida FRDAP grant awards. The team was selected to provide full design, permitting and construction phase services. Plans for new facilities included restrooms, pedestrian and fitness trails and a fishing pier. The expansive list of improvements included resurfacing for basketball, volleyball and bocce courts, parking area expansion and resurfacing, new roofing for existing picnic shelters, playground surface for safety and handicap up-grades.

City of Parkland Miscellaneous Engineering, Planning & Survey Services Contract, Parkland, FL: KEITH provides ongoing continuing services on an as needed basis for General Planning, Engineering and Surveying and Mapping services to the municipality. Some projects provided under these contracts include: Parkland Roundabout Conceptual Design, Tennis Center at Quigley Park, Holmberg Road Roadway Improvements, and miscellaneous topographic and boundary surveys for various municipal design contracts.

City of Pompano Beach Miscellaneous Civil Engineering Services, Pompano Beach, FL: KEITH has served as the General Engineering Consultant for the City of Pompano Beach for over

16 years on an as needed basis. All services of the firm are utilized including planning, civil engineering, surveying, subsurface utility engineering, and landscape architecture.

Colonial Drive Traffic Calming, Pedestrian Routing and Streetscape Improvements-Phase 1, Margate, FL: Phase 1 includes traffic calming, pedestrian routing and streetscape improvements containing approximately 500 LF of Local Roadway. The scope entails schematic drawings of existing conditions, concept drawings including two alternatives considering potential lane width modifications, road geometry adjustments, landscaping, street lighting, potential pavement enhancements, other improvements aimed at enhancing pedestrian crossing experience on Colonial Drive and traffic calming, cost estimates, coordination meeting with Northwest Regional Hospital and MCRA staff and public workshops, if necessary.

Everglades Holiday Park, Broward County, FL: KEITH is providing comprehensive design, permitting, bid and construction phase services associated with site improvements at Everglades Holiday Park. The improvements include renovation, construction and/or reconstruction of boat docks, boat ramps, parking, ancillary buildings, limited utility infrastructure, other minor park related amenities and improvements. This project will include LEED "Green" design principles. Mr. Williams is serving as the project manager and Engineer of Record.

Isles of Oakland Park, Oakland Park, FL: Mr. Williams served as the Project Engineer. Provided engineering services for the final design of a 19.42-acre property for Lennar Communities. Services included due diligence, environmental, drainage, utilities and site development, as well as site layout, landscape architecture, lighting and irrigation design.

Margate CRA General Engineering Consulting Services, Margate, FL: KEITH is currently providing civil engineering, surveying, utility locating, landscape architecture, traffic and environmental services for this continuing services contract for the City of Margate CRA. Mr. Williams is serving as KEITH's contract manager responsible for providing professional engineering services for projects identified in the CRA's Capital Improvement Plan and miscellaneous engineering services. Signature projects include: Colonial Drive Traffic Calming, Pedestrian Routing and Streetscape Improvements; Winfield Boulevard Traffic Calming and Streetscape Improvements; Atlantic Boulevard Streetscape Improvements.

NW 38th Street Drainage Improvements, Oakland Park, FL: Mr. Williams served as the Project Manager. Designed a stormwater management system that includes a pumping station to eliminate frequent flooding of low roadway segments. The roadway reconstruction included upgrading the water and sanitary sewer systems as well as new storm drainage lines.

Oakland "Bark", Oakland Park, FL: Mr. Williams served as the Project Manager. Developed, designed and permitted plans for the City's first Dog Park, located on a 2.5-acre abandoned police and sheriff's training site. He provided services for the new project including design and construction documents for two large and separate canine fitness courses with 18 exercise stations, new parking and lighting, picnic shelters, a management office kiosk, a pet wash-down station, as well as unique signage, fencing and access control features to ensure safe and friendly operations.

Pompano Beach Fire Station No. 24 Design/Build, Pompano Beach, FL: KEITH, as a subconsultant partner to Currie Sowards Aguila Architects and West Construction, is currently providing engineering design and permitting, project coordination, surveying, landscape architecture and construction services for the replacement of the existing Pompano Beach Fire Station 24 located at 2001 NE 10th Street. The scope of work includes design and construction for this new two story, multi-bay fire protected building. New utilities and services along with new landscaping, 23 parking spaces, offices training room and an exercise room on the first floor.

Winfield Boulevard Traffic Calming and Streetscape Improvements, Margate, FL: KEITH is providing traffic calming measures and streetscape improvements for the corridor of Winfield Boulevard from SR-7 to NW 64th Terrace, approximately 3,000 LF of local roadway. Scope entails providing schematic drawings of existing conditions, concept drawings including three alternatives considering potential lane width modifications, landscaping, potential pavement enhancements, lighting, introduction of two round-abouts and other improvements aimed at traffic calming, cost estimates, Design, Permitting and Construction Documents, project coordination and community workshops.

THOMAS DONAHUE, PE

QA/QC Manager, Director of Engineering



Mr. Thomas Donahue has more than 40 years of experience in civil engineering projects including 15 years in South Florida. His qualifications include engineering design, quality assurance/quality control management, planning and environmental studies. Mr. Donahue's comprehensive experience includes: residential, commercial and industrial development, site plans, airports, highways, environmental analysis, local, state and federal permitting, right-of-way plans, utility and military designs. Project management experience includes management of professional staff of engineers, landscape architects and CAD personnel, development of project scope of work, contract negotiations, budgets, scheduling, quality control, oversight of resident inspectors and surveyors, review and processing of contractor's pay requests and client contact.

Years of Experience
40

Education
B.S. Civil Engineering, Northeastern University, 1978

Professional Registrations
State of Florida Professional Engineer, #60529 (2033)

Professional Affiliations
National Association of Industrial and Office Parks (NAIOP) Member

Institute of Transportation Engineers, Gold Coast Chapter Member

American Society of Civil Engineers Member

RELEVANT PROJECT EXPERIENCE

Dania Beach ROW Improvements, Dania Beach, FL: Relocation of a city water line and significant landscape improvements along US-1 from Stirling Road south to Sheridan Street; permitting through the City of Dania Beach and the Broward County Health Department; and site inspections to monitor water main tapping and installation and landscape installations.

Hallandale Fire Station No. 7 and EOC Headquarters, Hallandale Beach, FL: The City's new main fire rescue headquarters and emergency management facility were developed to achieve LEED Silver Certification and includes a 25,000 SF, two-story complex with four apparatus bays and living quarters for up to 16 firefighters. In addition to on-duty fire rescue staff, the building will house the City's Fire Prevention Bureau including office space for fire inspectors, plans review and public education. KEITH provided civil engineering, landscape architecture and SUE services.

Junior Achievement (JA) World Huizenga Center at Broward College, Coconut Creek, FL: Designed as the largest educational facility of its kind in the U.S., Mr. Donahue was responsible for development of the 59,500-SF facility located on a 4.8-acre site on the Broward College north campus. The building serves as headquarters for Junior Achievement of South Florida. The facility was completed in 2009 with a total construction cost of $14.5 million.

Marathon Library, Marathon, FL: Mr. Donahue serves as QA/QC Manager responsible for internal Quality Assurance/Quality Control aspects during the design and construction process for the $6.7 million, 14,000-SF library, to ensure designs met all local, state and federal compliance and internal Quality Control processes. KEITH' responsibilities include Civil site, utility, landscape design, permitting, bid award and construction observation.

Miami-Dade Public Schools, Miami-Dade County, FL: Mr. Donahue served as QA/QC Manager responsible for internal quality assurance and quality control aspects during project design and the construction process to ensure that all designs met local, state and federal compliance and internal QC processes. Projects included:

- Southwest Miami Senior High School, Miami, FL
- Hialeah-Miami Lakes Senior High School, Hialeah, FL
- Benjamin Franklin K-8 Center, North Miami, FL

MLK Boulevard Improvements, Pompano Beach, FL: KEITH was selected to provide professional engineering design and related services to the City of Pompano Beach and the Pompano Beach CRA for roadway improvements along MLK Boulevard (aka Hammondville Road) between NW 31st Avenue (turnpike ramp) and Powerline Road in accordance with the Phase II "Educational Corridor" improvements. The roadway improvements include incorporating new sidewalks,

dedicated bicycle lanes and roadside swales along both sides of the roadway, roadway milling and resurfacing (with some widening and other miscellaneous improvements).

Parkland Fire Station No. 42 Site Plan, Parkland, FL: KEITH is putting together a set of plans for Parkland Fire Station No. 42 Building Addition of additional 529.5 SF to accommodate additional dormitories. KEITH provided surveying, subsurface utility engineering (SUE), engineering design, permitting, utility coordination, and construction administration services; which included some off-site roadway, drainage and utilities improvements.

Pompano Business Center, Pompano Beach, FL: Mr. Donahue led a multi-disciplinary team of planning, civil engineering design, grading, drainage, water, sewer, parking, landscape architecture and construction administration for multiple parcels of a Distribution/Assembly development of 1.85 million SF on 105 acres (16 buildings).

Pompano Center of Commerce, Pompano Beach, FL: Mr. Donahue was responsible for site development and design of a surface water management system to serve a 45-acre industrial and commercial project to be completed in two phases, including 9 office/industrial buildings and associated paving and drainage. The project required development of a complex shared city/developer shared drainage system which involved filling an existing lake which was replaced with a new 3.5 acre lake.

Pompano Beach Fire Station No. 24 Design/Build, Pompano Beach, FL: KEITH, as a subconsultant partner to Currie Sowards Aguila Architects and West Construction, is currently providing engineering design and permitting, project coordination, surveying, landscape architecture and construction services for the replacement of the existing Pompano Beach Fire Station 24 located at 2001 NE 10th Street. The scope of work includes design and construction for this new two story, multi-bay fire protected building. New utilities and services along with new landscaping, 23 parking spaces, offices training room and an exercise room on the first floor.

Pompano Beach Municipal Golf Course, Pompano Beach, FL: Mr. Donahue provided civil engineering services as a consultant to the Greg Norman Golf Course Design Company for design, permitting and construction of the new signature golf course for the City of Pompano Beach. The project involved complete regrading of the site including dredging and filling of lakes and installation of a new irrigation system. This was Greg Norman's first municipal golf course design and provided the City of Pompano Beach with one of the finest municipal golf courses in Florida and a pillar for the community for both residents and tourists. The project totaled $3.5 million and the new golf course opened in Spring 2013.

Signalization and Pavement Marking Improvements along MLK Boulevard at Intersections with Blount Road and NW 31st Avenue, Pompano Beach, FL: As part of our General Engineering Continuing Contract with the City of Pompano Beach, KEITH is currently providing engineering, surveying and SUE services to provide new signalization to the Blount Road and MLK Boulevard intersection that will link and properly sequence with the existing signal at NW 31st Avenue and MLK Boulevard.

Sunshine Water Control District (SWCD), Coral Springs, FL: Mr. Donahue was responsible for providing consulting services to assist in the control and management of surface water. His responsibilities included the management of capital improvement projects; review of stormwater applications; review and updates to the Master Plan; preparation of estimates; canal restoration and culvert replacement programs; hydraulic studies and modeling; review of existing and proposed collection systems and their impacts on runoff; preparation of reclamation plans; and identification and monitoring within the watershed. Mr. Donahue was also responsible for two new pump station replacements at a cost of $7 million, serving 16,000 landowners and 5,000 acres of residential and commercial lands. The project was named the 2012 Project of the Year by the Broward County Chapter of the American Society of Civil Engineers.

Waste Management Center Beautification Project, Broward County, FL: Mr. Donahue managed all aspects of the project including the conceptual and final design, tree assessment and mitigation, permit coordination, construction administration of perimeter streetscape, facility signage, entry features and amenities.

MICHELLE MELO, PE

Lead Designer, Project Manager I



Ms. Melo has more than seven years of experience in transportation design and engineering, as well as all aspects of traffic operations, including signing and pavement markings, signalization and roadway lighting. She is well versed with Florida Department of Transportation (FDOT) standards, procedures and preferences, having provided support for a number of FDOT roadway and traffic design projects.

Years of Experience
8

Education
B.S. Civil Engineering, University of Central Florida, 2012

B.S. Construction Engineering, University of Central Florida, 2012

Professional Registrations
State of Florida Professional Engineer #86379

Professional Affiliations
Women Advancing in Transportation (WTS) Central Florida Chapter, Member

American Society of Civil Engineers (ASCE), Member

RELEVANT PROJECT EXPERIENCE

FDOT District 4 Washington Street from S. 62nd Avenue to S. Park Road and SW/NW 72nd Avenue from Pembroke Road to Johnson Street, Broward County, FL: Project Engineer. KEITH is the prime consultant providing design services on the SW/NW 72nd Avenue and Washington Street Mobility Improvements Project. The project will include the addition of bicycle lanes and pedestrian improvements to each corridor. Other aspects of this project include drainage, signing and pavement marking, landscaping, temporary traffic plans, survey, SUE, utility coordination, and public involvement services.

FDOT District 4, SE 3rd Avenue from SE 17th Street to SE 6th Street, Broward County, FL: Project Engineer. This project included the milling, resurfacing, and restriping of SE 3rd Street to convert a five-lane roadway to a four-lane roadway with buffered bicycle lanes in downtown Fort Lauderdale. The project concept created a complete street to accommodate multiple road users, while also preserving the Town's historic oak tre e canopy and utilizing context sensitive solutions to avoid tree removal. ADA ramps were improved or added, crosswalks were striped, and drainage modifications were included at the SE 14th Street intersection. The project also replaced/installed new signage necessary to conform to MUTCD and current Greenbook Design Standards. The key issue of this project was coordination; we coordinated with the City of Fort Lauderdale and Broward County for their preferences and standards, Broward County Metropolitan Planning Organization (MPO) since they funded a portion of the project, and FDOT District 4 as the client and project facilitator.

FDOT District 7, SR 674 from US 301/SR 43 to CR 579, Hillsborough County, FL: Project Engineer. This project involved milling and resurfacing of 2.21 miles of this undivided minor roadway. The project also included right-of-way (ROW) reclamation, sidewalk on both sides of the road, ADA improvements, bicycle lanes, transit route features, drainage retrofits within a narrow ROW, utility coordination, signing and pavement markings, survey, and public involvement.

FDOT District 7, SR 699/Gulf Boulevard from 99th Avenue South to 105th Avenue South, Pinellas County, FL: Project Engineer. Ms. Melo served as project engineer on this 0.73-mile pavement rehabilitation project that consisted of milling and resurfacing of SR 699 from southeast of 99th Avenue S. to south of 105th Avenue S., a four-lane, undivided, urban minor arterial roadway with 4-foot paved shoulders. This contract included pavement design, ADA and multi-modal improvements, drainage, utility coordination, signing and pavement markings, survey, subsurface utility engineering (SUE), public involvement, sidewalk design, and temporary traffic control plans (TTCP).

Florida's Turnpike Enterprise (FTE), SR 91 (Turnpike Mainline) from CR 561 to Sumter County Line, Lake County, FL: Project Engineer. Protean Design Group designed the milling and resurfacing plans for 16.07 miles of southbound SR 91 (Turnpike Mainline), a tolled four-lane expressway with a depressed median, open drainage, and paved shoulders. Included in the project was the milling and resurfacing of the northbound and southbound interchange

ramps at US 27–Clermont/Leesburg South at Mile Post (MP) 285 and US 27–Leesburg North at MP 289, as well as the widening of the southbound exit ramps at MP 285 and MP 289. Pavement rehabilitation included cross slope correction, remediation in locations of deep cracking, and profile adjustment. Bridge load ratings, bridge joint header/seal repairs, and bridge rail retrofits were required on eight bridges. The project included development of Existing Roadway Conditions Assessment Report (ERCAR), a detailed analysis of the existing conditions with respect to design standards and safety of the roadway, bridges, drainage, signs, and miscellaneous project components. The results of this assessment, which were used to develop the design scope, recommended either safety improvements or the application of variances/exceptions when criteria was not met. Minor drainage design was required, including median ditch regrading and pond a modification at the US 27—Leesburg North interchange (MP 289), which required a St. Johns River Water Management District (SJRWMD) permit modification. Pavement markings included toll plaza designation. A sign inventory was conducted; substandard single- and multi-post signs were replaced and/or added. The signal at US 27/SR 91 (Turnpike Mainline) ramp was updated with new signal cable to reposition the signal heads and a retrofit design was needed for the strain pole structure. Modifications to the existing intelligent transportation system (ITS) at the US 27–Leesburg North southbound exit ramp included the addition of a split duct casing to protect the facilities. Bat exclusion details were required for the work on the bridge and wetlands were flagged to ensure our design avoided these areas. Additional project elements included guardrail upgrades, special milling details, shoulder resurfacing, erosion repairs, and preparation of variations and exceptions. Coordination with FDOT District 5 was required for the signal at US 27 at MP 285 and with Lake County due to modifications on the Turnpike-owned bridges over SR 91 (Turnpike Mainline) on County roads.

Florida's Turnpike Enterprise (FTE), SR 91 (Turnpike Mainline)/Okeechobee Boulevard Interchange, Palm Beach County, FL: Project Engineer. Ms. Melo served as project engineer for this interchange ramp realignment project. The purpose of this project was to evaluate and redesign the existing ramp geometry, signing, and lighting to address run-off-the-road crashes at the southbound exit ramp. Project elements included milling and resurfacing, widening, cross slope correction, minor drainage, stormwater pollution prevention plan (SWPPP), utility coordination, signing and marking, lighting, ITS, and temporary traffic control plan (TTCP).

SR A1A Streetscape Improvements, Pompano Beach, FL: Task Manager. This project consists of streetscape along SR A1A from Sunset Lane to the Hillsboro Inlet. The streetscape improvements include the addition of landscaped medians, widened sidewalks where right-of-way is available, street lighting, and landscape improvements. These services consist of survey, subsurface utility engineering, civil engineering, traffic engineering, transportation engineering, landscape design, and construction engineering inspection for the proposed improvements.

Pompano Beach North Pompano Park Improvements, Pompano Beach, FL: KEITH has been requested to provide design services for the development of the North Pompano Park. The project is part of the overall GO Bond improvements and is anticipated to be designed and completed per the schedule outlined in GO Bond Park specifications. The project will consist of a series of sports fields that are anticipated to be sports truf. There will be also a series of walking trails, landscape, minor parking areas, fence and perimeter enclosure as well as lighting for fields and pedestrian level. There will be minor architectural elements included in the overall program. There is the goal of creating a connection to US1.

Signalization and Pavement Marking Improvements along MLK Blvd at Intersections with Blount Rd and NW 31st Ave, Pompano Beach, FL: This project proposes to provide new signalization to the Blount Road and MLK Boulevard intersection that will link and properly sequence with the existing signal at the NW 31st Avenue and MLK Boulevard intersection. The new signalization will facilitate safe and reasonable access for Southbound traffic on Blount Road to access MLK Boulevard in a Westerly direction and be able to route in any direction at the intersection of NW 31st Avenue and MLK Boulevard. The sequencing of the new signal with the existing signal will be enhanced by re-designating the Southbound combined left and through lane from the Turnpike toll plaza to a dedicated Southbound lane. Pavement marking on Blount Road will be removed and replaced to provide (dual – if possible) traffic signal controlled Southbound egress lane(s) onto MLK Boulevard. Associated paving, curbing, signage, conduit trenching, grading and sodding will be detailed in the plans.

DANIEL CHECCHIA

SUE/UC Manager, Vice President of Location Services



Mr. Checchia has over 21 years of experience in transportation engineering, surveying, civil design and construction related fields, with expertise in Subsurface Utility Engineering (SUE), including Utility Coordination. His duties are to oversee the day-to-day operations of all Subsurface Utility Engineering and Coordination projects for our firm. Mr. Checchia is responsible for assisting clients with utility research, identification, data management and coordination. Besides having developed a strong rapport with local utilities and municipalities, his knowledge and experience in the Subsurface Utility Engineering process allows him to easily recognize utility conflicts during design and construction. He has been involved on a variety of projects such as design, design build and private sector work. Mr. Checchia's understanding of the Quality Levels in the ASCE Guidelines enables him to manage a project from pre-design to post construction, negotiating to minimize utility impacts and suggesting and implementing cost effective timely resolutions for utility conflicts. Mr. Checchia is fully knowledgeable of the FDOT Utility Coordination process, with eight years of involvement working on multiple types of transportation projects.

Years of Experience
21

Education
AS of Applied Science in Construction Technology, Suffolk County Community College, 2008

Professional Affiliations
Founding Board of Director-SUE Association

Transportation & Expressway Authority Membership of Florida (TEAM FL)

Florida Utility Coordination Committee (FUCC)

Certifications
FDOT Maintenance of Traffic

Issues Affecting SUE

Risk Management and Professional Liability in SUE

Rebuilding America's Infrastructure

SAFE PIPES Act and Related Legislation

RELEVANT PROJECT EXPERIENCE

Briny Avenue Streetscape Improvements, Pompano Beach, FL: This project involved the reconstruction of East Atlantic Boulevard from A1A to Pompano Beach Boulevard/Briny Avenue including wider sidewalks, revised parking configurations and lanes. KEITH provided professional services for a design survey as well as the designation and location of subsurface utilities along Briny Avenue from the south right-of-way line of Atlantic Boulevard to the south end of Briny Avenue.

Design/Build Replacement and Rehabilitation of 72-inch Sanitary Force Main, Miami-Dade County, FL: As a subconsultant to the design/build team of WadeTrim and Ric-Man Construction, KEITH provided Surveying and Subsurface Utility Engineering services along 159th Street and NE 6th Avenue and 159th Street and North Miami Avenue. Subsurface utility designation was performed in the areas to identify utilities horizontally and select facilities that would be located (verified) through non-invasive methods. These locations were critical to the success of the design and construction effort.

Engineering Consultant Services for Highway Construction and Engineering Design, Broward County, FL: As a subconsultant to Atkins, KEITH provided surveying and subsurface utility engineering support for various county-wide transportation and general civil engineering projects. Typical services included design surveys, topographic surveys, water crossing surveys, 3D laser scanning, utility designation, locating and mapping to support project designs as well as post-construction services associated with new traffic signals, signal conversions, mast arm installations, evaluations of existing utilities, roadway widening, bridge rehabs, intersection improvements and school zone improvements among others.

FDOT District 4 SR802 Lake Worth Road Resurfacing, Palm Beach County, FL: Mr. Checchia provided Utility Coordination services to facilitate discussion between utility owners / authorities and FDOT to successfully resolve potential utility conflicts with the proposed design plans. Mr. Checchia also provided designating (ASCE Quality Level B) subsurface utility engineering services to map the horizontal position of underground utilities within the project limits.

FDOT District 6 Districtwide Utility Location Services for SR-925, Miami-Dade County, FL: KEITH is tasked with providing designating, locating and survey services for this task work order located between NW 3rd Avenue and NW 3rd Court from 1st Street to NW 8th Street. KEITH is

responsible for providing sixty-one physical locates, mapping those physical locates, and will perform nine site scans to identify utilities marked for verification, as per the design engineers proposed signal and drainage improvements.

FDOT District 6 Districtwide Utility Coordination Services for SR-976 (SW 40th Street), Miami-Dade County, FL: KEITH is tasked with providing designating, locating and survey services for this resurfacing, restoration and rehabilitation task order between Bird Road from SW 177th Avenue to SW 102nd Avenue. KEITH's services include 6 scans to identify utilities near proposed mast arms and 6 test holes to identify potential conflicts for proposed pedestrian signal heads and mast arms.

FDOT District 6 Port of Miami Tunnel: The Port of Miami Tunnel Project consists generally of (i) the widening of the MacArthur Causeway Bridge, (ii) tunnel connections between Watson Island and Dodge Island (Port of Miami) and (iii) connections to the Miami roadway system. Mr. Checchia is the project coordinator of all utility related services **for the** Port of Miami Tunnel Project as a consultant to Bouygues Civil Works Florida. This project includes subsurface utility engineering (SUE) locations in the area of the proposed tunneling on both the Watson and Dodge Island sides of the tunnel and sweeping the ground penetrating radar for potential unknown subsurface utilities.

Federal Highway (US-1) Beautification Project, Delray Beach, FL: Mr. Checchia served as the Project Coordinator for this project that includes US-1 (Federal Highway) in Delray Beach from just South of S.E. 10th Street to just North of N.E. 8th Street. This project provides the subsurface utility engineering (SUE) locations to support design services necessary to decrease the current three-lane configuration of US-1 (Federal Highway) through the downtown area to a two-lane roadway with additional parking, walkways and landscaping. This project required utility designation services and over 150 utility test holes throughout the project limits to verify potential conflicts. The firm also conducted a survey of over 220 drainage structures throughout the corridor.

Miscellaneous Subsurface Utility Engineering (SUE) Contract for the School Board of Broward County, Broward County, FL: Miscellaneous Surveying and SUE Services to include Utility Horizontal Designation, Utility Location Services and Mapping Services on an as-needed basis. Mr. Checchia is tasked with providing the ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services.

Pompano Beach Boulevard Streetscape, Pompano Beach, FL: KEITH provided Quality Level "B" utility designation, Quality Level "A" utility locates and mapping services for this development of a unique beach front venue in the City of Pompano. The firm designated the above horizontal alignment of any existing known/unknown, toneable and non-toneable utilities using combination of geo physical prospecting equipment and Ground Penetrating Radar. This information was then collected and used by the design team to identify the activities of existing subsurface facilities. The firm was then requested to perform utility verifications of the facilities by using non-destructive/ non-intrusive vacuum excavation services. The Utilities we exposed and cataloged to help the design team resolved potential conflicts with proposed design improvements.

Pompano Beach Design/Build Pier Beach Parking Garage, Pompano Beach, FL: The new Pompano Beach Pier/Beach Parking Garage is located at the southeast corner of North Ocean Blvd. (S.R A1A) and NE 3rd Street on a 3.5-acre site. The new parking garage includes five stories, 625 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space on the ground level fronting NE 3rd Street and the new Pier Street. As part of the design-build team, led by Kaufman Lynn Construction, KEITH (KEITH) was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape Design, Permitting and Construction Inspection of the project.

Pompano Beach Downtown Connectivity Plan, Phase 1 & 2, Pompano Beach, FL: KEITH is responsible for performing an area wide study of the Northwest CRA existing infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity, and circulation. KEITH prepared an assessment of the existing facilities and provided recommendations on suitability of the CRA's land use. Phase 2 - Based on the approved Connectivity Plan as provided by the Pompano Beach CRA, the proposed improvements are to include pedestrian friendly streetscape with landscape/hardscape beautification features along MLK Jr. Blvd. and in Old Pompano Downtown; including special pavement materials, pedestrian lighting nd raodway, streetscape furnishings, utility adjustements, and drainage and roadway improvements.

LEE POWERS, PSM

Surveying & Mapping Manager, Director of Surveying & Mapping



Mr. Lee Powers has over 13 years of experience in land surveying and mapping in South Florida. He has worked with many local municipalities and government agencies to create and/or modernize their GIS Systems. He has also performed construction, right-of-way, control, ALTA, boundary, as-built and topographic (both acreage and coastal) surveys. He has extensive laser scanning experience with a particular emphasis on architectural modeling, historical preservation and infrastructure monitoring. He is well-versed in the scan-to-model workflow. He coordinates our BIM/VDC staff to ensure a quality and accurate model. Mr. Powers has extensive Project Management experience for large-scale projects and continuing service type contracts for both public and private sector clients. He is knowledgeable in the use of a wide range of state-of-the-art surveying equipment and associated computer technologies. He has extensive experience in field crew supervision, quality control and client relations.

Years of Experience
13

Education
B.S. Land Surveying & Geomatics Engineering, Purdue University, West Lafayette, Indiana 2005

Professional Registrations
Registered Professional Surveyor & Mapper, State of Florida, #6805 (2010)

Professional Affiliations
BIM Smart Foundation Member

Florida Society of Professional Surveyors & Mappers
American Resort

Certifications
Transportation Worker Identification Credential (TWIC)

FDOT Maintenance of Traffic

RELEVANT PROJECT EXPERIENCE

A1A Overhead Utility Conversion from Hillsboro Inlet to Terra Mar Drive, Pompano Beach, FL: KEITH is providing surveying and subsurface utility engineering during the design and construction process for this major infrastructure improvement meant to improve electric and communication utilities in the area.

City of Parkland GIS Services, Parkland, FL: KEITH is responsible for the maintenance of the City of Parkland's GIS data and maps. Mr. Powers serves as the GIS Specialist for these ongoing services. GIS tasks include updating the City's streetmap, land use, zoning and commission district maps and databases. The project also includes developing custom maps to meet the individual needs of the city.

City of Pompano Beach Northwest CRA Boundary & Topographic Surveys, Pompano Beach, FL: As the Project Surveyor, Mr. Powers completed Boundary and Topographic Surveys on ten parcels for the Pompano Beach CRA. Due to a lack of field evidence and historical documents, an extensive search for further evidence was conducted in the surrounding areas. After combining this additional evidence with the detailed title review, Mr. Powers was able to clarify what had been historically ambiguous boundaries in this area. These surveys also included the location of all trees and above & below ground utilities.

Design/Build Replacement & Rehabilitation of 72-inch Sanitary Force Main, Miami-Dade County, FL: As a subconsultant to the design/build team of WadeTrim and Ric-Man Construction, KEITH provided Surveying and Subsurface Utility Engineering services along 159th Street and NE 6th Avenue and 159th Street and North Miami Avenue. KEITH used the existing survey provided by the County and updated the information to reflect present conditions. KEITH re-established existing control and/or set additional control in order to collect the information in the proper datum.

FDOT District 4 Districtwide Survey Contract, Broward, Indian River, Martin, Palm Beach, and St. Lucie County, FL: Mr. Powers served as a Project Surveyor for this General Services Districtwide Contract. Typical project types included right-of-way recovery, stakeout of existing right-of-way, control surveys, right-of-way mapping, boundary surveys, topographic surveys, Digital Terrain Modeling and setting of aerial targets in support of aerial photogrammetry. This district-wide had over 81 task work orders.

Federal Highway (US-1) Beautification Project, Delray Beach, FL: Mr. Powers served as the Project Surveyor for this project that includes US-1 (Federal Highway) in Delray Beach from just South of S.E. 10th Street to just North of N.E. 8th Street. This project provides the design services necessary to decrease the current three-lane configuration of US-1 (Federal Highway) through

the downtown area to a two-lane roadway with additional parking, walkways and landscaping. This project required KEITH to establish new control points throughout the project limits. The firm also conducted a survey of over 220 drainage structures throughout the corridor. Finished floor elevations were measured on all structures within 25 feet of the right-of-way. A Topographic Survey was required for the engineering designs. This Topographic Survey collected all surface data within the right-of-way of US-1.

GIS Services for the Broward County Aviation Department, Fort Lauderdale, FL: As a subconsultant, KEITH is responsible for CAD-to-GIS data conversion, CAD data submittal standards and FAA airport GIS support. Data entries and updates are carried out as per FAA AC 150/5300-18B and subsequent updates are submitted through the FAA's Airport Geographical Information System (AGIS) online portal. As a result of the team's work, all BCAD departments have accesses to different online portals relevant to their work descriptions. With every BCAD asset being updated with the appropriate object data, BCAD Maintenance is already seeing a huge time and budget savings. In additional the Planning and Capital Improvements Departments can quickly use utility, parcel, terminal, gate stands and other load information to help quickly plan and layout projects.

Hammondville Road - I-95 to Dixie Highway, Pompano Beach, FL: Mr. Powers served as the project Surveyor on this Route Survey for the Pompano Beach CRA. This survey included recovering all existing property corners & right-of-way monumentation, locating all trees and utilities, and a detailed Topographic Survey to accompany the boundary and right-of-way determinations. This project also included a title review of every parcel within and bordering the project limits.

Hillsboro Boulevard Inlet Park and Seawall, Pompano Beach, FL: Mr. Powers served as the Project Surveyor for this project consisting of replacement of the existing seawall for the park adjacent to the Hillsboro Inlet in Pompano Beach, Florida. The project required hydrographic and topographic survey of the inlet cross-section and shoreline to facilitate the design, permitting, and replacement of the existing seawall as well as as-built surveys of existing boat slips. Because much of the project was located seaward of the Coastal Construction Control Line, the surveys were performed in accordance with the requirements of the Florida Department of Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081.

Ocean Terrace Block, Miami Beach, FL: KEITH performed the laser scan of the façade of all structures on the Ocean Terrace Block from 73rd Street to 75th Street. Some of these structures were characteristic of the Art Deco style. Vertical Datum was referenced to the National Geodetic Vertical Datum of 1929 to match the existing survey as supplied by the client. Horizontal Datum was assumed and the deliverable was provided in a point cloud, in RCP format.

Palm Beach County Traffic Signal Design, Palm Beach County, FL: KEITH is providing surveying and subsurface utility engineering services as a subconsultant to McMahon Associates on an as needed basis. Survey includes intersection design surveys that established project control, recovered existing alignments and rights-of-way, and located all underground utilities.

Pompano Beach GIS Mapping Services Pilot Project, Pompano Beach, FL: KEITH was tasked to locate all water meters and valves, sanitary manholes and cleanouts, and storm drainage inlet structures and manholes with at least sub-meter grade GPS (Global Positioning System). The general limits of the project are from McNab Road (SE 15th Street) to the southerly edge of water of Lettuce Lake (just North of SE 8th Street) and from the easterly right-of-way of Federal Highway to the westerly edge of water of the Intracoastal Waterway. Mr. Powers served as Project Manager for this GIS project with over 1,550 independent data points. This data was used as a pilot program to modernize the City's current GIS system that was based on old, inaccurate as-built information.

Sidewalk Extension N.E. 27th Avenue, Lighthouse Point, FL: KEITH provided professional services for the design, permitting and CEI services for the installation of 5-foot wide sidewalk along the West side of N.E. 27th Avenue from N.E. 51st Street to just South of the Northern municipal limits of Lighthouse Point. The sidewalk is approximately 1,500 feet. Mr. Powers served as the project surveyor responsible for the topographic survey.

South Florida Water Management District Palm Beach County LiDAR Verification, Palm Beach County, FL: Mr. Powers served as Project Manager and Project Surveyor for this data verification project. Two different LiDAR datasets were observed over portions of eastern Palm Beach County. The datasets differed in elevation and Mr. Powers was tasked with verifying the data. A GIS database was created to randomly locate verification points inside each dataset with greater emphasis placed in the overlap areas. Elevations were field verified at these locations and were stored in the GIS database.

MICHAEL PHILLIPS, PLA, ASLA, ISA Certified Arborist

Landscape Architect Manager, Senior Landscape Architect



Mr. Michael Phillips has over 32 years of experience in the field of Landscape Architecture. Since 1986, Mr. Phillips has conceptualized, hand sketched and CAD drafted construction documents in the public and private sector. He has been involved with projects ranging from schematic design through final completion, including plant selection, field inspections and project certification. He has produced landscape architecture construction documents that encompass tree survey and tree disposition plans, hardscape layouts and details, grading plans, planting plans, lighting plans and irrigation plans. Additionally, he is well versed in LEED requirements, 'Florida Friendly Landscaping' guidelines, Green Book Standards and FDOT design standards and indexes. In addition to design and overall project management, Mr. Phillips plays a critical role as the QA/QC officer for the Landscape Architecture department. In conjunction with the deliverables schedule, he develops QA/QC milestones that aid in keeping the project on schedule, while ensuring the plans are compliant with all applicable codes, ordinances and Indexes. Additionally, his input is key in site inventory and analysis, coordinating with our Survey Department to establish the location and species of trees and appraising the dollar value of such trees, which is paramount in the process of developing tree disposition plans followed by landscape plans that preserve existing trees and vegetation.

Years of Experience
32

Education
B.S. Interior Design, Florida State University, 1985

Professional Registrations
Registered Landscape Architect, State of Florida, #LA0001540 (1995)

ISA Certified Arborist #FL 9346A

Professional Affiliations
American Society of Landscape Architects (ASLA), Member

United States Green Building Council - South Florida

RELEVANT PROJECT EXPERIENCE

Atlantic Boulevard Streetscape Improvements, Margate, FL: The CRA requested the KEITH Team develop a branded approach to several of the city's ROW and streetscapes. The request includes multiple miles of streetscape, medians, walls, walkways, landscape, lighting, signage and a signature fountain feature. The team worked to create a brand or identity that can be utilized throughout the City in these public realm areas. The signature element for this streetscape initiative is the addition of a roundabout and fountain feature. The CRA requested that a theme of a child fishing along the edge of the canal be utilized for inspiration. KEITH had to work around existing infrastructure items and yet was able to develop a creative approach for the fountain. The result was a combination of water, sculpture, landscape and hardscape to make a statement for the City and CRA of Margate.

Broward County Water Reclaimed Water Plant Expansion, Broward County, FL: As a subconsultant to Brown and Caldwell, KEITH is performing a subsurface utility exploration at the proposed improvement sites within the plant and for proposed yard piping routing. Ground Penetrating Radar (GPR) will be used to designate, verify, and document location of existing underground facilities, including major piping, electrical conduits, and storm water facilities. Soft digs will also be conducted to verify the elevation of the designated underground facilities. KEITH will also assist with identifying potential conflicts and critical interconnects that require subsurface investigation.

City of Pompano Beach Miscellaneous Civil Engineering Services, Pompano Beach, FL: KEITH has served as the General Engineering Consultant for the City of Pompano Beach for over 17 years on an as needed basis. All services of the firm are utilized including planning, civil engineering, surveying, subsurface utility engineering, and landscape architecture.

FDOT District 4 Sunset Strip Landscape Architecture NW 19th Street to NW 64th Avenue, Sunrise, FL: As a subconsultant to Erdman Anthony, KEITH is providing Landscape Architecture and ISA Certified Arborist services for this FDOT District 4 Districtwide Design for Minor Projects, Financial project #423629-9-32-01, Work Order Contract #C9K98. The project entails tree relocations along three sites. The East leg of the intersection of University Drive, which will widen into the traffic separator where five palm trees are located. Additionally, there are roundabouts

proposed at the intersections of Sunset Strip with NW 64th Avenue and NW 19th Street which may require additional tree relocations. Mr. Phillips led the effort to analyze the sites to develop the landscape plans necessary for the tree relocation permits.

FDOT District 4 Elmar Drive, Lauderdale-by-the-Sea, FL: KEITH is providing Landscape Architecture, as well as ISA Certified Arborist services for this FDOT District 4 Financial project #43778613201. The project entails widening the existing medians to provide a multi-use pathway. KEITH will analyze the site and the proposed development's impact on existing trees, with consideration to the urban and environmental context.

FDOT District 4 US-1 Transit Improvements, Broward County, FL: KEITH is providing Survey and Landscape Architecture, as well as ISA Certified Arborist services for this FDOT District 4 Financial project #42957513201. The project entails the addition of new transit stops and associated engineering. KEITH will analyze the site and the proposed development's impact on existing trees, with consideration to the urban and environmental context.

FDOT District 4 Peters Road from Pine Island Road to SR-817/University Drive, Plantation, FL: KEITH is providing Survey, SUE and Landscape Architecture, as well as ISA Certified Arborist services for this FDOT District 4 Financial project #43169813201. The project entails widening the corridor to accommodate a bicycle lane in each direction, striping, alteration of existing medians, etc. KEITH will analyze the site and the proposed development's impact on existing trees, with consideration to the urban and environmental context.

Patch Reef Park, Boca Raton, FL: Landscape architect responsible for preparing new master plan concepts for the existing Patch Reef Park in Boca Raton, Florida. A Greater Boca Raton Beach and Park District park, Patch Reef Park is an actively used park that is situated on 55 acres of land. Completed in 1987, the park caters to its surrounding communities and communities at large. The park currently provides facilities for organized sports, a community center, picnic areas, playgrounds, nature/fitness trails as well as other community activities. Mr. Phillips prepared analysis of the existing condition of the park amenities, and the findings were reflected in a report to the stakeholders.

Quigley Park Tennis Center, Parkland, FL: KEITH served as the prime consultant for the Parkland Tennis Center at Quigley Park Project providing Surveying, Planning, Engineering, Landscape Architecture design and permitting, in addition to construction management services. This project included demolition of an existing 5.4-acre City park to accommodate the construction of a new state-of-the-art tennis center with twelve clay hydro courts (including one center court with covered bleacher area), one practice court, one office building with restroom/locker room facilities, one maintenance building, required specialty lighting/landscape/irrigation and other site amenities. Mr. Phillips was responsible for developing the overall landscape architecture and irrigation design, as well as tree removal and mitigation plans.

SE 9th Avenue Bridge Replacement/Culvert Rehabilitation, Pompano Beach, FL: KEITH served as the project landscape architect performing Site Analysis and Inventory assisting our Survey Department identifying Tree species along the half a mile between the culvert and the bridge on SE 9th Avenue in the City of Pompano Beach. KEITH was also responsible for elaborating the Streetscape concept and Landscape Plans to present to the City of Pompano, as well as the irrigation design that included drip irrigation to the planters with palms on the bridge and irrigation for the trees and sod along the roadway.

SE 9th Avenue Bridge Replacement/Culvert Rehabilitation, Pompano Beach, FL: KEITH served as the project landscape architect performing Site Analysis and Inventory assisting our Survey Department identifying Tree species along the half a mile between the culvert and the bridge on SE 9th Avenue in the City of Pompano Beach. KEITH was also responsible for elaborating the Streetscape concept and Landscape Plans to present to the City of Pompano, as well as the irrigation design that included drip irrigation to the planters with palms on the bridge and irrigation for the trees and sod along the roadway.

SR-A1A Landscaping and Crosswalks, Deerfield Beach, FL: KEITH is providing landscape architecture, civil engineering design, permitting and construction administration services to add landscaping and crosswalks for SR-A1A between SE 3rd Street and NE 7th Street.

TAB 2
REFERENCES

Engineering Inspired Design.



RFQ Form 2: REFERENCES

Respondent: Keith and Associates, Inc. dba KEITH

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

Give contact information for at least four individuals, corporations, agencies, or institutions for which you have performed work similar to what is proposed in this RFQ:

1. Name of Contact: Horacio Danovich, City of Pompano Beach
   Title of Contact: CIP Manager Email: horacio.danovich@copbfl.com
   Telephone Number: 954.786.7834 Fax Number: N/A
   Project: Consulting Services Engineering SR A1A Streetscape
   Misc. City of Pompano Beach CRA Services

2. Name of Contact: Marc Gambrill, Broward County Aviation Department
   Title of Contact: Aviation Chief Dev. Officer Email: mgambrill@broward.org
   Telephone Number: 954.359.2343 Fax Number: N/A
   Project: Ft. Lauderdale International Airport North Perimeter Road Extension

3. Name of Contact: Kris Mory, City of Deerfield Beach
   Title of Contact: CRA Director/ Economic Dev. Manager Email: kmory@deerfield-beach.com
   Telephone Number: 954.480.4262 Fax Number: N/A
   Project: Deerfield Beach Ocean Way Improvements

4. Name of Contact: Sowande Johnson, PE, City of Parkland
   Title of Contact: Assistant City Manager Email: sjohnson@cityofparkland.org
   Telephone Number: 954.757.4144 Fax Number: N/A
   Project: Holmberg Roadway Improvements

TAB 3
INSURANCE

Engineering Inspired Design.



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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 03/14/2019

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

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

PRODUCER	CONTACT NAME: Josette Toussaint	
Frank H. Furman, Inc. 1314 East Atlantic Blvd. P. O. Box 1927 Pompano Beach FL 33061	PHONE (A/C, No, Ext): (954) 943-5050	FAX (A/C, No): (954) 942-6310
	E-MAIL ADDRESS: josette@furmaninsurance.com	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Keith & Associates Inc 301 E Atlantic Boulevard Pompano Beach FL 33060	INSURER A : Charter Oak Fire Ins Co (tl)	25615
	INSURER B : Travelers Indemnity Co of America	25666
	INSURER C : Travelers Property Casualty Co of America	25674
	INSURER D : AXIS Insurance Company	37273
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** 19-20 MASTER **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:			660 1J2155564	02/19/2019	02/19/2020	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Employee Benefits	$ 1,000,000 $ 300,000 $ 15,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $ 1,000,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY			810 3L462444	02/19/2019	02/19/2020	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) PIP-Basic	$ 1,000,000 $ $ $ $
C	[X] UMBRELLA LIAB [X] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $			CUP 0J961409	02/19/2019	02/19/2020	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000 $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N [ ] If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		UB 0K053961	02/19/2019	02/19/2020	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
D	Professional Liability			DP002191-03-2019	03/13/2019	03/13/2020	Each Claim Aggregate	$2,000,000 $6,000,000

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

Sample

CERTIFICATE HOLDER

SAMPLE
SAMPLE

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

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324

TAB 4
PROFESSIONAL SERVICES CONTRACT

Engineering Inspired Design.



Exhibit 6: Standard Professional Services Contract

PROFESSIONAL SERVICES AGREEMENT

Between

TOWN OF LAUDERDALE-BY-THE-SEA

And

Keith and Associates, Inc. dba KEITH

(CCNA)

THIS AGREEMENT (the "**Professional Services Agreement**" or **Agreement**") is made between the Town of Lauderdale-By-The-Sea, Florida, a Florida municipal corporation (the "**TOWN**") and Keith and Associates, Inc. dba KEITH, a Florida corporation authorized to do business in the State of Florida, (the "**CONTRACTOR**"), whose principal place of business is Pompano Beach, Broward County, Florida.

WHEREAS, pursuant to Section 287.055, Florida Statutes, the TOWN issued RFQ No. 20-01-01 for El Mar Drive Design (the "RFQ") and selected the CONTRACTOR to provide professional engineering services; and

WHEREAS, the CONTRACTOR is willing and able to perform such professional services for the TOWN within the basic terms and conditions set forth in this Agreement.

NOW THEREFORE, in consideration of the mutual terms, conditions, promises and covenants set forth below, the TOWN and CONTRACTOR agree as follows:

SECTION 1. RECITALS.

The above recitals are true and correct and are incorporated herein.

SECTION 2. DEFINITIONS

The following definitions and references are given for the purpose of interpreting the terms as used in this Agreement and apply unless the context indicates a different meaning. Additional definitions provided for in the RFQ are also incorporated herein.

2.1 **Contract Documents** refers to this Agreement, the Request for Qualifications No. 20-01-01 ("RFQ"), attached hereto and incorporated herein as **Exhibit 1**, CONTRACTOR's response to the RFQ, opened February 3, 2020 attached hereto and incorporated herein as **Exhibit 2**, all specifications, Certificate(s) of Insurance, Work Authorizations and all written amendments issued on or after the effective date of this Agreement.

326

Exhibit 6: Standard Professional Services Contract

In the event of conflict among the various components of the Contract Documents, the following shall govern in the following order: this Agreement, any written amendments thereto, the RFQ (**Exhibit 1**), CONTRACTOR's Proposal (**Exhibit 2**), and Work Authorizations.

2.2 **Compensation** means the total amount paid by the TOWN for the CONTRACTOR's professional services pursuant to an executed Work Authorization, exclusive of Reimbursable Expenses.

2.3 **Reimbursable Expenses** means the expenses directly attributable to the Work Authorization that are not Compensation in the Work Authorization, but that the TOWN agrees in writing will be costs the TOWN will reimburse to the CONTRACTOR. Reimbursable Expenses may include, application and permit fees paid for securing approval of authorities having jurisdiction over the Work Authorization; actual cost of reproduction, printing, binding and photocopying of drawings, specifications, renderings and other documents specified the Work Authorization; travel expenses as provided in Paragraph 3.4 of this Agreement. Travel Expenses are not a reimbursed expense unless CONTRACTOR has secured advance written authorization for such travel from the Town Manager.

2.4 **Subcontractor Fee** means the direct and actual cost of the subcontractor with no markup, as reflected by actual invoices of the subcontractor.

2.5 **Work Authorization** means the document issued by TOWN to a CONTRACTOR authorizing a specific scope of services, the Compensation to be paid, the time frame to complete the work and other project specific details.

SECTION 3. SCOPE OF SERVICES/COMPENSATION

3.1 CONTRACTOR shall meet the requirements and perform the services described in the RFP for the El Mar Design ("Project"), attached hereto and incorporated herein as Exhibit 1, and CONTRACTOR's proposal, attached hereto and incorporated herein as Exhibit 2. The Services required by this Agreement, Exhibit 1, and Exhibit 2, shall collectively be referred to as "Services."

3.2 Travel Expenses, whether within or outside of Broward County, and whether to the specific project or otherwise, are not a reimbursed expense unless CONTRACTOR has secured advance written authorization for such travel from the Town Manager. All approved travel expenses will be reimbursed in accordance with the TOWN's adopted travel policy.

3.3 The Compensation for the Services provided pursuant to this Agreement shall be in accordance with Exhibit 2, in an amount not to exceed $_____. .

3.4 CONTRACTOR will invoice the TOWN on a monthly basis for services rendered the previous month. The invoice shall identify work completed, by whom and the

Exhibit 6: Standard Professional Services Contract

percentage of the Services completed. Additionally, the invoice shall include a line item reflecting retainage as applicable.

After receipt of the invoice, the Town shall notify CONTRACTOR of any discrepancies or disputed items on the invoice. The TOWN may request additional information, including but not limited to, all invoices, time records, expense records, accounting records and payment records of CONTRACTOR. The TOWN shall pay the CONTRACTOR the undisputed portion of the invoice within thirty (30) days of receipt of the invoice.

The Town Manager shall make a final determination regarding any disputed portion of the invoice within forty-five (45) days of receipt of the invoice during which time the Town Manager or designee shall meet with the CONTRACTOR to seek resolution of the disputed billing.

3.5 Retainage: The TOWN reserves the right to withhold retainage in the amount of ten percent (10%) of any payment due to the CONTRACTOR until the Project is completed. For projects that are divided into several phases, any retainage shall be withheld and may be released individually for each phase of the Project at TOWN's discretion. Said retainage may be withheld at the sole discretion of the Town Manager and as security for the successful completion of the CONTRACTOR'S duties and responsibilities under the Work Authorization.

SECTION 4. TERM/TERMINATION

4.1 **Term of Agreement.** This Agreement shall commence on the date this instrument is fully executed by all parties and shall continue in full force and effect until the completion of the Project, unless terminated earlier pursuant to this Agreement.

4.2 **Termination For Convenience.** The TOWN shall have the right at any time to terminate this Agreement for any reason whatsoever or without reason, upon thirty (30) calendar days' written notice to CONTRACTOR. If any such termination notice is provided by the TOWN, the CONTRACTOR shall immediately cease work on any Work Authorizations issued under this Agreement upon receipt of the notice from the TOWN. In the event the TOWN terminates the Agreement as provided for herein through no fault of the CONTRACTOR, the TOWN shall pay to the CONTRACTOR for work completed pursuant to this Agreement to the satisfaction of the TOWN, its reasonable documented costs actually incurred as of the date of the termination notice. Under no circumstances shall the TOWN make payment of profit for services that have not been performed.

Exhibit 6: Standard Professional Services Contract

4.3 **Termination For Cause.** This Agreement may be terminated by either party upon five (5) calendar days written notice to the other party should the other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination. In the event that CONTRACTOR abandons this Agreement or causes it to be terminated by the TOWN, the CONTRACTOR shall indemnify and hold the TOWN harmless against any loss pertaining to such termination. In the event that the CONTRACTOR is terminated by the TOWN for cause and it is subsequently determined by a court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a termination for convenience under Section 4.2 and the provisions of Section 4.2 shall apply.

SECTION 5. ADDITIONAL SERVICES AND CHANGES IN SCOPE OF SERVICES

5.1 **Change Order Defined.** A Change Order shall mean a written order to the CONTRACTOR executed by the TOWN and CONTRACTOR, issued after execution this Agreement, authorizing and directing a change in the Scope of Services or an adjustment in the Compensation or the completion time, or any combination thereof.

5.2 **Effect of Executed Change Order.** The execution of a Change Order by the TOWN and the CONTRACTOR shall constitute conclusive evidence of the CONTRACTOR and the TOWN's agreement to the ordered changes in the Scope of Services or an adjustment in the Contract Price or the Contract Time, or any combination thereof. The CONTRACTOR, by executing the Change Order, waives and forever releases any claim against the TOWN for additional time or Compensation for matters relating to or arising out of or resulting from the Services included within or affected by the executed Change Order. The CONTRACTOR agrees that no claim for delay damages shall be asserted against the TOWN and hereby waives the right to assert any such claim.

SECTION 6. SURVIVAL OF PROVISIONS

Any terms or conditions of either this Agreement or any subsequent Work Authorization that require acts beyond the date of the term of either agreement, shall survive termination of the agreements, shall remain in full force and effect unless and until the terms or conditions are completed and shall be fully enforceable by either party.

SECTION 7. TOWN'S RESPONSIBILITIES

Exhibit 6: Standard Professional Services Contract

7.1 TOWN shall assist CONTRACTOR by providing CONTRACTOR with available information that is pertinent to the Work Authorization as may be requested in writing by the CONTRACTOR and allow reasonable access to pertinent information relating to the services to be performed by CONTRACTOR.

7.2 TOWN shall provide CONTRACTOR access to TOWN property as required for CONTRACTOR to perform services under this Agreement or any Work Authorization.

SECTION 8. ETHICS

8.1 The applicable code of ethics from the state professional organization of the CONTRACTOR's professional discipline shall be incorporated in this Agreement by this reference. For example, for engineers, the code of ethics of the Florida Engineering Society shall be incorporated in this Agreement by this reference. If there is not a code of ethics from the state professional organization, then the code of ethics from the national professional organization shall be incorporated.

8.2 CONTRACTOR warrants and represents that its employees shall abide by the applicable provisions of the Code of Ethics for Public Officers and Employees, Chapter 112, Florida Statutes, and Broward County Code of Ethics (County Code Section 1-19), as they may be amended from time to time.

8.3 No officer or employee of the Town of Lauderdale-By-The-Sea, Florida, during his or her term of employment or for one year thereafter, shall have any interest, direct or indirect, in this Agreement or the proceeds thereof. No vendor shall give, solicit for, deliver or provide a campaign contribution directly or indirectly to a candidate, or to the campaign committee of a candidate, for the offices of Mayor or Commissioner. Any subcontractors hired by the firm must also adhere to this policy and it must be included in their contracts as well.

SECTION 9. POLICY OF NON-DISCRIMINATION/WAGES

9.1 The CONTRACTOR shall comply with all federal, state, and local laws and ordinances applicable to the work or services provided under this Agreement or any Work Authorization and shall not engage in or commit any discriminatory practice against any person based on race, color, religion, sex, sexual orientation, age, marital status, national origin, physical or mental disability, political affiliation or any other factor which cannot be lawfully used as a basis for service delivery in the performance of work under this Agreement or a Work Authorization.

Exhibit 6: Standard Professional Services Contract

9.2 If a specific project is subject to federal and grant funding that requires specific wage and non-discrimination provisions, CONTRACTOR shall be required to comply with such provisions.

SECTION 10. OWNERSHIP OF DOCUMENTS/DELIVERABLES

10.1 All finished or unfinished documents, including but not limited to, detailed reports, studies, plans, drawings, surveys, maps, models, photographs, specifications, digital files, and all other data prepared for the TOWN or furnished by the CONTRACTOR pursuant to this Agreement shall become the property of the TOWN, and shall be delivered by CONTRACTOR to the TOWN within 10 calendar days after written notice requesting delivery of such documents. In no event shall the CONTRACTOR use, or permit to be used, any of the documents, without the TOWN'S prior written authorization.

10.2 All subcontracts for the preparation of reports, studies, plans, drawings, specifications, digital files or other data, entered into by the CONTRACTOR for a Work Authorization shall provide that all such documents and rights obtained by virtue of such contracts shall become the property of the TOWN.

10.3 All final plans and documents prepared by the CONTRACTOR shall bear the endorsement and seal of a person duly registered as a Professional Engineer, Architect, Landscape Architect, Professional Geologist, or Land Surveyor, as appropriate, in the State of Florida and date approved and/or sealed.

10.4 All deliverables should be provided in hard copy format as well as electronic format to the TOWN. Drawings should be provided in CADD and PDF, spread sheets in Microsoft Excel, and written documentation in Microsoft Word. The date of submittal to the TOWN shall be deemed to be the later of delivery of hard copies or delivery of electronic copies as applicable.

Exhibit 6: Standard Professional Services Contract

SECTION 11. RECORDS/AUDITS

11.1 CONTRACTOR shall maintain and require subcontractors to maintain, complete and correct records, books, documents, papers and accounts pertaining to each Work Authorization and any worked performed in connection with this Agreement. Such records, books, documents, papers and accounts shall be available at all reasonable times for examination and audit by the Town Manager or any authorized TOWN representative with reasonable notice and shall be kept for a period of five (5) years after the completion of each Work Authorization or such longer time as may be required by applicable law. Incomplete or incorrect entries in such records, books, documents, papers or accounts will be grounds for disallowance by, or reimbursement to, the TOWN of any fees or expenses based upon such entries. Disallowed fees will be paid when incomplete or incorrect entries are remedied to the satisfaction of the TOWN.

11.2 The CONTRACTOR shall comply with Chapter 119, Florida Statutes, as applicable, and shall comply with the following:

(a) CONTRACTOR agrees to keep and maintain public records in CONTRACTOR's possession or control in connection with CONTRACTOR's performance under this Agreement. CONTRACTOR additionally agrees to comply specifically with the provisions of Section 119.0701, Florida Statutes. CONTRACTOR shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law, for the duration of the Agreement, and following completion of the Agreement until the records are transferred to the TOWN.

(b) Upon request from the TOWN's custodian of public records, CONTRACTOR shall provide the TOWN with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by Chapter 119, Florida Statutes, or as otherwise provided by law.

(c) Unless otherwise provided by law, any and all records, including but not limited to reports, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of the TOWN.

(d) Upon completion of this Agreement or in the event of termination by either party, any and all public records relating to the Agreement in the possession of the CONTRACTOR shall be delivered by the CONTRACTOR to the Town Manager, at no cost to the TOWN, within seven (7) days. All such records stored electronically by CONTRACTOR shall be delivered to the Town in a format that is compatible with the TOWN's information technology systems.

Exhibit 6: Standard Professional Services Contract

Once the public records have been delivered upon completion or termination of this Agreement, the CONTRACTOR shall destroy any and all duplicate public records that are exempt or confidential and exempt from public records disclosure requirements.

(e) Any Compensation due to CONTRACTOR shall be withheld until all records are received as provided herein.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT 954-640-4200, TownClerk@lauderdalebythesea-fl.gov, or by mail: Town Clerk, 4501 N. Ocean Drive, Lauderdale-By-The-Sea, FL 33308.

11.3 Refusal of the CONTRACTOR to comply with the provisions of Sections 11.1 or 11.2 shall be grounds for immediate termination for cause by the TOWN of this Agreement or any Work Authorization.

SECTION 12. NO CONTINGENT FEE

CONTRACTOR warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for CONTRACTOR, to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for CONTRACTOR, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. In the event the CONTRACTOR violates this provision, the TOWN shall have the right to terminate this Agreement or any Work Authorization, without liability, and at its sole discretion, to deduct from the Contract Price, or otherwise recover, the full amount of such fee, commission, percentage, gift or consideration.

SECTION 13. INDEPENDENT CONTRACTOR

The CONTRACTOR is an independent contractor under this Agreement and any Work Authorizations. Services provided by the CONTRACTOR shall be by employees of the CONTRACTOR and subject to supervision by the CONTRACTOR, and not as officers, employees, or agents of the TOWN. Personnel policies, tax responsibilities, social security, health insurance, employee benefits, purchasing policies and other similar

Exhibit 6: Standard Professional Services Contract

administrative procedures applicable to services rendered under this Agreement or any Work Authorizations shall be those of the CONTRACTOR.

SECTION 14. ASSIGNMENT; AMENDMENTS

14.1 This Agreement shall not be assigned, transferred or otherwise encumbered, under any circumstances, by CONTRACTOR, without the prior written consent of the TOWN, which may be withheld in the TOWN's sole discretion.

14.2 No modification, amendment or alteration in the terms or conditions of this Agreement shall be effective unless contained in a written document executed with the same formality as this Agreement.

SECTION 15. INDEMNIFICATION/HOLD HARMLESS

15.1 The CONTRACTOR shall indemnify and hold harmless the TOWN and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent such liabilities, damages, losses, or costs are caused by the negligence, recklessness, or intentionally wrongful conduct of the CONTRACTOR or any persons employed or utilized by the CONTRACTOR in the performance of this Agreement or any Work Authorization. . Nothing in this Agreement shall be deemed or treated as a waiver by the Town of any immunity to which it is entitled by law, including but not limited to the Town's sovereign immunity as set forth in Section 768.28, Florida Statutes.

15.2 CONTRACTOR acknowledges that specific consideration has been paid or will be paid under this Agreement and each Work Authorization for the above hold harmless and indemnification provision, and further agrees with the foregoing provisions of indemnity and also agrees with the collateral obligation of insuring said indemnity as set forth in Section 16.

SECTION 16. INSURANCE

The CONTRACTOR shall secure and maintain throughout the duration of this Agreement and any Work Authorization, insurance of such type and in such amounts necessary to protect its interest and the interest of the TOWN against hazards or risks of loss as specified below. The insurance coverage shall be primary insurance with respect to the CONTRACTOR, its officials, employees, agents and volunteers. Any insurance maintained by the TOWN shall be in excess of the CONTRACTOR'S insurance and shall

Exhibit 6: Standard Professional Services Contract

not contribute to the CONTRACTOR'S insurance. The following minimum insurance coverage requirements shall apply on a per project basis:

16.1 **Worker's Compensation and Employer's Liability Insurance:** Coverage to apply for all employees for Statutory Limits as required by applicable State and Federal laws. Employers Liability Limits shall be no lower than $500,000 each accident, $500,000 each employee (disease), $500,000 disease (policy limit).

16.2 **Comprehensive Automobile and Vehicle Liability Insurance**: This insurance shall be written in comprehensive form and shall protect the TOWN and the CONTRACTOR against claims for injuries to members of the public and/or damages to property of others arising from the CONTRACTOR'S use of motor vehicles or any other equipment and shall cover operation with respect to onsite and offsite operations and insurance coverage shall extend to any motor vehicles or other equipment irrespective of whether the same is owned, non-owned, or hired. The limit of liability shall not be less than $1,000,000 per occurrence for Bodily Injury and Property Damage, Hired & Non Owned Auto Liability. Defense Costs must be 'outside the limits' of liability.

16.3 **Comprehensive General Liability.** This insurance shall be written on a "per occurrence" basis only in comprehensive form and shall protect the TOWN and the CONTRACTOR against claims arising from injuries to members of the public or damage to property of others arising out of any act or omission to act of the CONTRACTOR or any of its agents, employees, or subcontractors. The limit of liability shall not be less than $1,000,000 per occurrence combined single limit, or $1,000,000 per occurrence/$2,000,000 general aggregate for Bodily Injury and Property Damage and general aggregate for Products/Completed Operations. Comprehensive General Liability insurance shall include endorsements for property damage; personal injury, contractual liability; completed operations; products liability and independent contractors coverage. Defense Costs must be 'outside the limits' of liability.

16.4 **Professional Liability:** $1,000,000 per incident. If coverage is written on a claims-made form, the retroactive date of coverage shall be no later than the inception date of the claims made coverage, unless the prior act policy was extended indefinitely to cover prior period acts. Provisions shall be made to provide coverage beyond the policy year, when necessary. Defense Costs must be 'outside the limits' of liability.

At the Town's sole discretion, the requirement for professional liability insurance may be waived in certain limited circumstances based on the nature of a specific project.

335

Exhibit 6: Standard Professional Services Contract

16.5 **Certificate of Insurance:** Concurrent with the execution of this Agreement and prior to the execution of a Work Authorization, the CONTRACTOR shall provide the TOWN an original Certificate of Insurance documenting compliance with each required insurance policy. The TOWN is to be specifically included as an Additional Insured for General Liability and Auto Liability of the CONTRACTOR resulting from operations performed by or on behalf of TOWN in performance of this or any Work Authorization. The General Liability Additional Insured Endorsement MUST include 'Completed Operations' using the latest version of CG 20 37 04 13- Additional Insured-owners, lessees, or contractors- **Completed Operation**s & CG 20 10 04 13 Additional Insured-owners, lessees or contractors-scheduled person or organization. Each Certificates of Insurance shall be endorsed with a provision that not less than thirty (30) calendar days' written notice shall be provided to the TOWN before any policy or coverage is cancelled or restricted. CONTRACTOR's proposed insurance coverage is subject to approval of the Town Manager, in the Town Manager's sole discretion.

CONTRACTOR'S insurance, including that applicable to the TOWN as an Additional Insured, shall apply on a primary basis and any other insurance maintained by the TOWN shall be in excess of and shall not contribute to CONTRACTOR'S insurance. CONTRACTOR'S insurance shall contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance shall apply to each Insured or Additional Insured in the same manner as if separate policies had been issued to each.

16.6 All deductibles or self-insured retentions must be declared to and be approved by the Town Manager. The CONTRACTOR shall be responsible for the payment of any deductible or self-insured retentions in the event of any claim. The Town Manager may require the CONTRACTOR, as a condition of execution of a particular Work Authorization, to provide a bond or other monetary consideration to cover the CONTRACTORS' deductible for Professional Liability Insurance.

16.7 Insurance carriers providing the insurance required by this Agreement or any Work Authorization must be licensed in the State of Florida as evidenced by certificates of authority from the Department of Financial Services of the State of Florida, or have an eligible surplus lines insurer under Florida Statutes. In addition, the insurer must have and must maintain a rating of "A" or better according to the A.M. Best Company. If during the period when an insurer is providing insurance required by this Agreement an insurer shall fail to comply with the foregoing minimum requirements, the Town shall be notified in writing as soon as possible. The Contractor shall have 20 days to replace such insurance with an insurer who meets the acceptable insurance provider requirements as stated herein.

336

Exhibit 6: Standard Professional Services Contract

16.8 The TOWN reserves the right to change the insurance requirements depending upon the scope of work in a Work Authorization.

SECTION 17. REPRESENTATIVE OF TOWN AND CONTRACTOR

17.1 **TOWN Representative**. It is recognized that questions in the day-to-day conduct of this Agreement will arise. The TOWN designates the Town Manager, or his/her designee, as the person to whom all communications pertaining to the day-to-day conduct of this Agreement shall be addressed.

17.2 **CONTRACTOR Representative**. CONTRACTOR shall inform the TOWN Representative, in writing, of the representative of the CONTRACTOR to whom all communications pertaining to the day-to-day conduct of this Agreement shall be addressed.

SECTION 18. COST AND ATTORNEY'S FEES/WAIVER OF JURY TRIAL

18.1 If either the TOWN or CONTRACTOR is required to enforce the terms of this Agreement or any Work Authorization by court proceedings or otherwise, whether or not formal legal action is required, the prevailing party shall be entitled to recover from the other party all costs, expenses, and attorney's fees in any state or federal administrative, circuit court and appellate court proceedings.

18.2 In the event of any litigation arising out of this Agreement or any Work Authorization, EACH PARTY HEREBY KNOWINGLY, IRREVOCABLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO TRIAL BY JURY.

SECTION 19. ALL PRIOR AGREEMENTS SUPERSEDED

This document incorporates and includes all prior negotiations, correspondence, conversations, agreements or understandings applicable to the matters contained in this Agreement and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, it is agreed that no deviation from the terms of the Agreement shall be predicated upon any prior representations or agreements whether oral or written.

SECTION 20. CONTRACTOR'S RESPONSIBILITIES

20.1 Any and all drawings, plans, specifications, or other construction or contract documents prepared by the CONTRACTOR shall be accurate, coordinated and

Exhibit 6: Standard Professional Services Contract

adequate for construction, as applicable, and shall comply with all applicable TOWN Codes, county, state and federal laws, rules and regulations.

20.2 The CONTRACTOR shall exercise the same degree of care, skill and diligence in the performance of the services for each Work Authorization as is ordinarily provided by a professional engineer, architect, landscape architect, surveyor or mapper, as applicable, under similar circumstances. If at any time during the term of any Work Authorization or the construction of a specific project for which the CONTRACTOR has provided engineering, architectural landscape, architectural, surveying or mapping services under a prior Work Authorization, it is determined that the CONTRACTOR's documents are incorrect, defective or fail to conform to the Scope of Services of the particular Work Authorization, upon written notification from the TOWN, the CONTRACTOR shall immediately proceed to correct the work, re-perform services that failed to satisfy the foregoing standard of care, and shall pay all costs and expenses associated with correcting said incorrect or defective work, including any additional testing, inspections, and construction and reimbursements to the TOWN for any other services and expenses made necessary thereby, save and except any costs and expenses which the TOWN would have otherwise paid absent the CONTRACTOR's error or omission. The TOWN's rights and remedies under this section are in addition to, and are cumulative of, any and all other rights and remedies provided by this Agreement or the Work Authorization, in equity or otherwise.

20.3 The CONTRACTOR'S obligations under Paragraph 20.2 of this Agreement shall survive termination of this Agreement or Work Authorization.

20.4 CONTRACTOR shall comply with all laws, ordinances, and governmental rules, regulations and order, now or at any time during the term of the Agreement, which are applicable to or which affect the work performed under this Agreement or any Work Authorization or any procedures of the CONTRACTOR for such work.

20.5 CONTRACTOR shall be responsible for technically deficient designs, reports, or studies due to CONTRACTOR's errors and omissions, and shall promptly correct or replace all such deficient design work due to CONTRACTOR's errors and omissions without cost to TOWN upon the request of the TOWN. CONTRACTOR shall also be responsible for the cost of correcting deficient construction, which was built from technically deficient designs. Payment in full by the TOWN for work performed does not constitute a waiver of this provision.

SECTION 21. SUBCONTRACTORS

Exhibit 6: Standard Professional Services Contract

21.1 In the event the CONTRACTOR requires the services of any subcontractors or other professional associates in connection with services covered by any Work Authorization, the CONTRACTOR must secure the prior written approval of the Town Manager.

21.2 Any subcontract with a subcontractor shall afford to the TOWN rights against the subcontractor which correspond to those rights afforded to the TOWN against the CONTRACTOR herein, including but not limited to those rights of termination as set forth herein.

21.3 No reimbursement or payment shall be made to the CONTRACTOR for any subcontractors that have not been previously approved by the TOWN for use by the CONTRACTOR and CONTRACTOR's solely responsible for use of unimproved subcontractors.

21.4 CONTRACTOR shall provide the Town Manager with evidence of insurability consistent with the minimum insurance coverage requirements in Section 16 of this Agreement for all subcontractors proposed by CONTRACTOR to perform services under this Agreement or any Work Authorization. The subcontractors insurance shall list the TOWN as an Additional Insured for General Liability and Auto Liability of the subcontractor resulting from operations performed by or on behalf of TOWN in performance of this Agreement or any Work Authorization.

SECTION 22. NOTICES

Whenever either party desires to give notice to the other, it must be given by hand delivery or written notice, sent by certified United States mail, with return receipt requested or a nationally recognized private mail delivery service, addressed to the party for whom it is intended, at the place last specified, and the place for giving of notice in compliance with the provisions of this paragraph. For the present, the parties designate the following as the respective places for giving of notice, to-wit:

FOR CONTRACTOR:

KEITH
301 East Atlantic Blvd
Pompano Beach, FL 33060
Telephone: ( ) 954.788.3400
Facsimile: ( )

Exhibit 6: Standard Professional Services Contract

FOR TOWN:

Town of Lauderdale-By-The-Sea
Attention: Town Manager
4501 N. Ocean Drive
Lauderdale-By-The-Sea, Florida 33308
Telephone: (954) 640-4200

With a copy to:

Town of Lauderdale-By-The-Sea
Attention: Town Attorney
4501 N. Ocean Drive
Lauderdale-By-The-Sea, Florida 33308
Telephone: (954)763-4242

SECTION 23. TRUTH-IN-NEGOTIATION CERTIFICATE

Execution of this Agreement and any Work Authorization by CONTRACTOR shall act as the execution of a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the Compensation of this Agreement or any Work Authorization are accurate, complete, and current at the time of contracting. Each Work Authorization's Contract Prices and any additions shall be adjusted to exclude any significant sums by which the TOWN determines the Work Authorization Contract Price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such adjustments shall be made within one year following the end of each Work Authorization.

SECTION 24. DISPUTE RESOLUTION

24.1 Any dispute concerning performance of this Agreement shall be decided by the TOWN, who shall reduce the decision to writing and serve a copy on the CONTRACTOR. The decision shall be final and conclusive unless within 21 calendar days from the date of receipt, the CONTRACTOR files with the TOWN a petition for administrative hearing. The TOWN's decision on the petition shall be final, subject to the CONTRACTOR's right to review pursuant to Chapter 120, Florida Statutes. Exhaustion of administrative remedies is an absolute condition precedent to the CONTRACTOR's ability to pursue any other form of dispute resolution, including, but not limited to, litigation; provided, however, that the parties may employ the alternative dispute resolution procedures outlined in Chapter 120.

Exhibit 6: Standard Professional Services Contract

24.2 Without limiting the foregoing, the exclusive venue of any legal or equitable action that arises out of or relates to this Agreement shall be the appropriate state court in Broward County, Florida.

SECTION 25. CONSENT TO JURISDICTION

The parties submit to the jurisdiction of any Florida state or federal court in any action or proceeding arising out of relating to this Agreement or any Work Authorization. Venue of any action to enforce this Agreement or any Work Authorization shall be in Broward County, Florida.

SECTION 26. GOVERNING LAW

This Agreement shall be construed in accordance with and governed by the laws of the State of Florida.

SECTION 27. HEADINGS

Headings are for convenience of reference only and shall not be considered in any interpretation of this Agreement.

SECTION 28. EXHIBITS

Each Exhibit referred to in this Agreement forms an essential part of this Agreement. The Exhibits are to be treated as part of this Agreement, and are incorporated by reference.

SECTION 29. SEVERABILITY

If any provision of this Agreement or any Work Authorization or the application thereof to any person or situation shall to any extent, be held invalid or unenforceable, the remainder of this Agreement, and the application of such provisions to persons or situations other than those as to which it shall have been held invalid or unenforceable shall not be affected thereby, and shall continue in full force and effect, and be enforced to the fullest extent permitted by law.

SECTION 30. COUNTERPARTS

This Agreement may be executed in several counterparts, each of which shall be deemed an original, and such counterparts shall constitute one and the same instrument.

Exhibit 6: Standard Professional Services Contract

SECTION 31. SCRUTINIZED COMPANIES

31.1 Contractor certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the City may immediately terminate this Agreement at its sole option if the Contractor or its subcontractors are found to have submitted a false certification; or if the Contractor, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.

31.2 If this Agreement is for more than one million dollars, the Contractor certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. Pursuant to Section 287.135, F.S., the City may immediately terminate this Agreement at its sole option if the Contractor , its affiliates, or its subcontractors are found to have submitted a false certification; or if the Contractor, its affiliates, or its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

31.3 The Contractor agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under this Agreement.

31.4 As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

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Exhibit 6: Standard Professional Services Contract

IN WITNESS WHEREOF, the parties execute this Agreement on the respective dates under each signature: The TOWN , signing by and through its Town Manager, attested to by its Town Clerk, duly authorized to execute same and by CONTRACTOR by and through its _____, whose representative has been duly authorized to execute same through a resolution of the corporation or partnership.

ATTEST:

_____
Tedra Allen, Town Clerk

APPROVED AS TO FORM
AND SUFFICIENCY:

By: _____
Susan L. Trevarthen, Town Attorney

TOWN OF LAUDERDALE BY-THE-SEA

By:_____
Chris Vincent, Mayor

_____ day of _____, 2020.

_____
William Vance, Town Manager

_____
Lucila Lang, Finance Director

WITNESS:

_____

Print Name:_____

CONTRACTOR

By:_____

Print Name/Title: Alex Lazowick, PE, PMP, President

Date: 2/3/2020

343

Exhibit 6: Standard Professional Services Contract

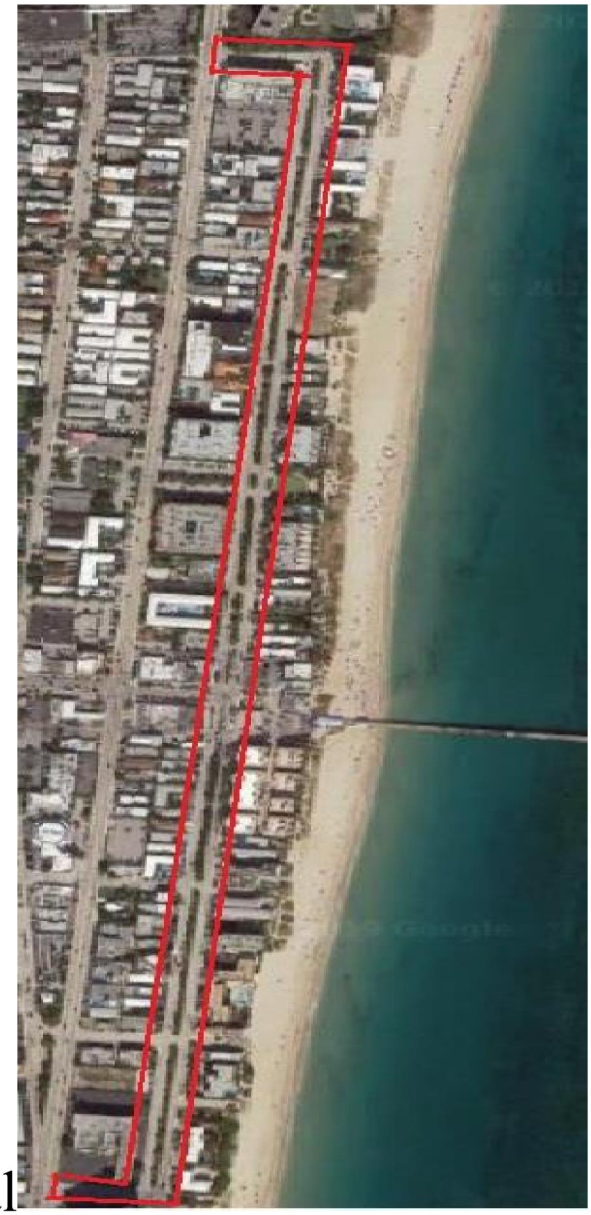


Exhibit 7 El Mar Drive Aerial

TAB 5
ADDITIONAL FORMS

Engineering Inspired Design.



RFQ FORMS

RFQ FORM 3: RESPONDENT'S CERTIFICATION

Respondent: Keith and Associates, Inc. dba KEITH

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

The undersigned guarantees the truth and accuracy of all statements and the answers contained herein.

I have carefully examined the Request for Qualifications referenced above ("RFQ") and any other documents accompanying or made a part of this RFQ.

I hereby propose to furnish the goods or services specified in the RFQ. I agree that my response will remain firm for a period of 150 days in order to allow the TOWN adequate time to evaluate the responses.

I certify that all information contained in this response, which includes the TOWN required RFQ forms A, B, C, D and E is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

Respondent hereby authorizes the TOWN, its staff or consultants, to contact any of the references provided in the response and specifically authorizes such references to release, either orally or in writing, any appropriate data with respect to the firm offering this response.

I further certify, under oath, that this response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a response for the same product or service; no officer, employee or agent of the TOWN or any other proposer has a financial interest in said response; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters herein contained and was duly authorized to do so.

If this response is selected, I understand that I will be expected to execute the TOWN's standard Professional Services contract, in the form approved by the Town Attorney.

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes 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, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017 Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the

RFQ FORMS

convicted vendor list. I further certify, under oath, that neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholder, employees, members or agents active in the management of the entity has been convicted of a public entity crime subsequent to July 1, 1989.

Keith and Associates, Inc. dba KEITH
Name of Business

By: 
Signature

Alex Lazowick, PE, PMP, President
Print Name and Title

301 East Atlantic Blvd

Pompano Beach, FL 33060
Mailing Address

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 4: SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A). FLORIDA STATUTES ON PUBLIC ENTITY CRIME

TO BE VALID, THIS FORM SHALL BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted to The Town Commission of the Town of Lauderdale-By-The-Sea, Florida by: Alex Lazowick, PE, PMP, President
(print this individual's name and title)

for KEITH
(print name of entity submitting sworn statements)

Whose business address is: 301 East Atlantic Blvd
Pompano Beach, FL 33060

And, if applicable, whose Federal Employer Identification Number (FEIN) is 65-0806421. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____-___-_____.

2. I understand that a "public entity crime" as defined in paragraph 287.133(1)(a}, Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transactions of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a Jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:

    1. A predecessor or successor of a person convicted of public entity crime; or

    2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement,

RFQ FORMS

shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in a relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or any affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months. AND (Please indicate which additional statement applies).

_____ There has been a proceeding concerning the conviction before a hearing officer in the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order).

_____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list (Please attach a copy of the final order).

_____ The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Florida Department of General Services).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THE PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED AND FOR THE PERIOD OF THE CONTRACT ENTERED INTO, WHICHEVER PERIOD IS LONGER. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

CCNA RFQ El Mar Drive Design Services
RFQ 20-01-01

RFQ FORMS

Date: 2/3/2020

(Signature)

STATE OF FLORIDA
COUNTY OF: Broward

Sworn and subscribed before me this 3rd day of February, 20 20

by Alex Lazowick, PE, PMP who is Personally known to me Or

who produced identification _____
(Type of Identification)

(Signature) Notary Public-State of Florida

Notary Public State of Florida
Kristen D Lawlor
My Commission GG 217549
Expires 09/09/2022

Kristen Lawlor
(Printed, typed or stamped commissioned name of notary public)

My commission expires 09/09/2022 (SEAL)

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 5: NO FINANCIAL INTEREST STATEMENT

The undersigned guarantees the truth and accuracy of this statement.

The Respondent recognizes and certifies that no elected official, board member, or employee of the Town of Lauderdale-By-The-Sea (the "Town") shall have a financial interest directly or indirectly in this RFQ, related contract, if any, or any compensation to be paid under or through these matters, and further, that no Town employee, nor any elected or appointed officer (including Town board members) of the TOWN, nor any spouse, parent or child of such employee or elected or appointed officer of the TOWN, may be a partner, officer, director or proprietor of Respondent, and further, that no such TOWN employee or elected or appointed officer shall be employed by the firm or receive any compensation from the firm for a period of at least twelve (12) months after leaving the employ or agency of the TOWN.

KEITH
Name of Business

By: _____
Signature

Alex Lazowick, PE, PMP, President
Print Name and Title

301 East Atlantic Blvd

Pompano Beach, FL 33060
Mailing Address

TAB 6
APPENDIX

Engineering Inspired Design.



FIRM BACKGROUND

KEITH was incorporated in 1998 by one surveyor, Mr. William "Bill" Keith, founded on the principles of his personal commitment to the improvement and well-planned development of Florida communities. Ms. Dodie Keith-Lazowick, PSM succeeds her father as a second-generation Surveyor and now CEO, formerly President, of the firm. She is a lifetime resident of Broward County and promotes a corporate philosophy that embraces higher quality professional standards for all services provided. Her hands-on approach emphasizes the firm's commitment to quality, service and exceeding client expectations. As we look to the future, Dodie's son Alex Lazowick, PE, PMP, serves as the President and third generation professional at KEITH. Committed to the values his grandfather and mother have instilled in the firm, Alex will lead KEITH in consistent hands from growth to evolution advancing and anticipating the needs for the next generation of development.

KEITH has long been recognized as a veteran firm within South Florida. KEITH's professional and technical staff combines the work experience of over 170 professional and technical members, each with the extensive working knowledge of local and regional projects spanning many decades. As we've grown, so has our focus. KEITH now offers a full range services and incorporates the latest technology innovation from each of our five office locations.

KEITH's capabilities range broadly, including surveying and mapping, planning, subsurface utility engineering, civil engineering, construction management, traffic and transportation engineering, and landscape architecture. An in-depth description of our services can be found on pages 69-72.

- **Approach to Scope** & Project Control - Pages 73-76
- **Permitting Procedures** - Page 76
- **Signed Addendum** - Pages 77-78



353

WORKLOAD MANAGEMENT

KEITH manages its long- and short-term workload through a policy of proactive management and resource/ personnel sharing. Our diverse staff wear many hats; we have committed the time and energy required to meet the schedule requirements of similar projects in the past and continue to be committed in providing unparalleled service to this contract. Schedules are maintained through routine weekly department/project meetings aimed at maximizing efficiencies. Senior management oversight and weekly interaction guarantees our departments have those discussions to deliver the projects successfully.

The KEITH Team has performed a magnitude of work for the state, county and local municipalities within South Florida. Our experience has resulted in thorough knowledge of the standards, and how to apply them with a practical and common-sense approach to solving engineering infrastructure design problems. We believe that building relationships is what it takes to truly understand the concerns of the entities and address them in a professional manner that is personal to them. We take pride in building those long-lasting relationships and acting as an extension of the Town's staff.

KEITH believes in a context-based approach that considers multiple facets of the development process resulting in solutions that are curated for each authentic scenario. In addition to the traditional design approach, we believe careful consideration should be given to economic, ecological, and social factors. This cohesive approach to each project is engineered to enhance the opportunity for a resilient solution. This triple bottom line approach to the design process is also combined with the need to create a sense of place through enhanced aesthetic beauty and quality.

Our approach is categorized into the following three (3) general phases:

Exploration Phase – The process of becoming familiar with an area through extensive analysis.
Inspiration Phase – The process of developing ideas emanating from the exploration process.
Implementation Phase – The process of activating a decision or plan.

Each phase builds on the previous and seeks to combine a triple bottom line perspective; with an emphasis on Social, Ecology, and Economic influences. This context-based design approach considers multiple facets of the development process to result in a resilient solution that is cultivated for each project and task.

KEITH'S SERVICES & CAPABILITIES

CIVIL ENGINEERING

KEITH has extensive experience in providing professional services required for the development or redevelopment of land including the permitting, design, coordination, and construction of roadway/ parking area(s), stormwater, potable water, utility, and wastewater systems. Recognizing and expecting that each development or redevelopment project has its own unique site issues, KEITH performs a thorough investigation into these issues in order to avoid planning, design, coordination, and construction issues. Our engineers have the knowledge and expertise to meet the needs of a wide variety of general civil engineering issues.



KEITH's staff has provided comprehensive planning and engineering services in various disciplines involving many

354

government agencies, institutions, and municipalities. For example, we have had the honor and privilege of serving as one of the City of Pompano Beach's Civil Engineering consultants for the past 17 years on a continuing service basis. Our ability to work with municipalities, government agencies, and other consultants, while providing close coordination with the client result in projects being completed on time and within budget. KEITH has found great success utilizing a team approach that has led to effectively identifying problems and defining solutions.

STORMWATER MANAGEMENT

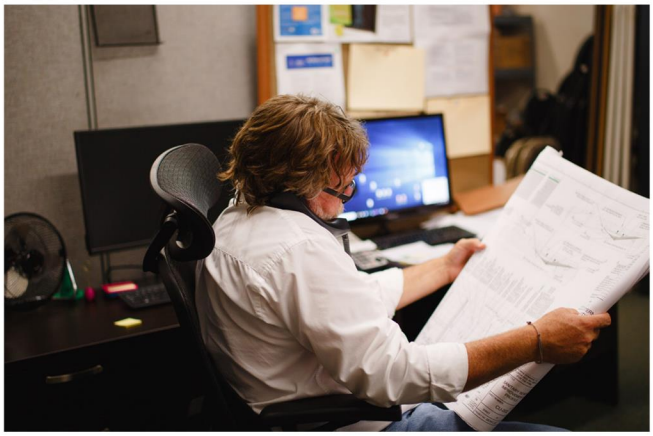
KEITH has the knowledge and proven abilities to understand the complex nature of stormwater management; especially in the urban environment, where balance must be achieved between the permitting requirements, restricted positive outfalls, budget limitations and existing historical drainage patterns. Our team has the professional acumen to fully investigate the existing conditions and propose creative solutions that will resolve and simplify the feasible alternatives. In addition, we are routinely familiar with the National Pollutant Discharge Elimination System (NPDES) Program, and the requirements to implement it.

WATER DISTRIBUTION AND SANITARY SEWER COLLECTION SYSTEM SERVICES

KEITH has a vast experience with studies, designs, permitting, and construction administration tasks associated with water distribution and sanitary sewer collection systems. Designs following standards of most all South Florida utility providers have been implemented. Sanitary sewer collection system designs ranged in pipe sizing from a 2-inch force main serving a grinder pump system to a 16-inch diameter force main transmission line. Numerous public and private pump station designs have been constructed throughout South Florida. Water distribution system designs ranged from 4-inch diameter fire sprinkler lines to 24-inch diameter water transmission lines. All manner of service demand evaluation and hydraulic capacity of these systems has been evaluated in the design of these systems. KEITH inspection staff have expertise with all AWWA/ Florida HRS testing requirements of water distribution systems and all FDEP testing requirements for gravity/ force main sanitary sewer collection systems. At Ft. Lauderdale Hollywood International Airport (FLL), KEITH was responsible for many miles of sanitary sewer force main and water main relocations and upgrades associated with the construction of the South Runway.

CIVIL ENGINEERING INSPECTION (CEI) AND REVIEW SERVICES

This portion of our approach addresses the true test of the success of a design project – construction. Our Construction Management (CM) and Construction Engineering and Inspection (CEI) team is led by Jonathan Weymouth, PE, a construction engineer seasoned by experience on several projects. Mr. Weymouth, along with his team, are familiar with utility operations and maintenance policies and require no learning curve to get the job done providing Construction Engineering and Inspection services. Our inspection staff members are CTQP (Construction Technician Qualification Program) certified. From construction managers to technical inspection personnel, our highly efficient team has the flexibility to support private development clients as well as governmental municipalities and State agencies (FDOT). We provide an array of Construction Engineering and Inspection services including contract administration, construction management, document control, utility coordination, observations/inspections, schedule and cost controls, and contract close-out certifications. The unique ability to understand and recognize both construction constraints and the processes required for a successful project is what defines the KEITH CEI team.



The objective of our CEI Team is to vigorously manage the project's construction activities, budget, schedule, and quality to achieve the desired result of delivering the project on time, within budget, and without majo issues or claim disputes. The work shall, at all costs, minimize disruptions to existing utility service, while

adhering to standard traffic control procedures, in the safest and most efficient means possible.

The Team has qualified professional engineers on staff who are readily available to go to the field and make any necessary and appropriate design adjustments as conditions dictate. Further, we have a policy of providing response to RFIs, in most cases, within 24 hours to facilitate a continuous construction operation with no delays. The CEI and Construction Management team must work quickly and give clear and concise direction and clarifications.

TRAFFIC ENGINEERING

The safe and efficient mobility of people, goods, and vehicles is the focus of our traffic engineering practice. Because we understand that traffic is connected with, is impacted by and in itself affects other facets of development, our experienced staff provides a holistic approach to solving and providing insight into traffic engineering challenges that can be typical of our region or that are unique to a community. By drawing upon our interdisciplinary expertise, we can incorporate ideas, such as multimodal solutions, intelligent transportation systems and complete streets into traffic designs, studies and analyses that effectively optimize transportation solutions. Whether designing to maximize on-site parking, performing analyses to determine traffic patterns or preparing signal plans, our team focuses on providing solutions that address the needs of each project.



This informed approach thoughtfully analyzes current industry trends, while adhering to the requisite engineering standards and practices to yield professional, reliable and cost-effective results that allow both our public and private sector clients to meet all of the goals and regulatory requirements essential to the successful completion of their projects.

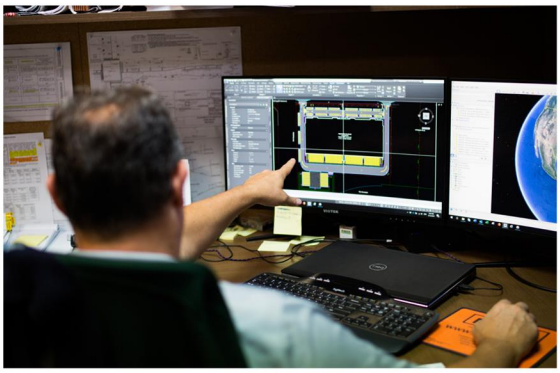
SURVEYING & MAPPING

The expertise of our Land Surveying staff is evidenced by a combined South Florida surveying experience of over 100 years. This experience has resulted in a tremendous database of knowledge and information. The ability to offer in-house surveying and mapping capabilities provides for a more comprehensive unified team. Services include boundary, topographic, control, wetland, mobile LiDAR capabilities, 3D laser scanning, mitigation, route, aviation, bathymetric, GIS, GPS, as-built, American Land Title and coastal surveys, legal descriptions, right-of-way mapping, design base sheets, title review, DTMs, differential leveling, construction stakeout, platting, expert witness surveying, and mapping services.

SUBSURFACE UTILITY ENGINEERING (SUE)

Subsurface Utility Engineering (SUE) provides accurate mapping of existing underground utilities, eliminating the need to "find out the hard way" that plotted utility information was inaccurate. Performed during the project design process, Subsurface Utility Engineering can help utility owners, designers, engineers and contractors avoid conflicts or project delays. To avoid these issues, many clients turn to KEITH, a recognized leader in Subsurface Utility Engineering. KEITH's staff has the expertise required to deliver accurate utility information needed by clients, engineers, contractors and designers to make informed decisions. Using KEITH's' SUE services will result in the enhanced accuracy of project designs and cost estimates by collecting and mapping underground utility data that was primarily unknown.

Our team of experts also includes utility coordination managers with extensive experience in working with facility owners, design teams and agencies to mitigate conflicts between existing facilities and proposed designs. Our relationships with area utility agencies serve to facilitate negotiations, expedite requests fo available records and ultimately the successful certification of each project.



GENERAL PLANNING SERVICES

KEITH has a vast amount of experience in providing professional planning services. This may include long range planning services comprising of comprehensive planning, evaluation and appraisal reports, preparation of land development applications including, rezoning, platting, delegation requests, and site planning. Our planners have the knowledge and expertise to meet the needs of a wide variety of general planning design and development services. We understand the necessity for continual input during the conceptual site planning design stages to assure a satisfactory final community site plan. KEITH has the knowledge and proven abilities to coordinate and provide all necessary services for commercial and residential community site planning. KEITH will provide coordination of the development review process from initial conceptual design, application submission to final approval. Our team would utilize a hands-on approach to meet the community site planning needs.

KEITH can also provide numerous planning studies including, but not limited to, parking studies, corridor studies, state mandated planning reports, urban design analysis, transfer of development rights, community liaison, and numerous types of feasibility studies.

LANDSCAPE ARCHITECTURE

Our Landscape Architecture Department specializes in the creative fusion of architecture, landscape architecture, and the environment. The ability to offer in-house landscape architecture design capabilities, ISA certified arborist and certified landscape inspector provides for a more comprehensive unified team. Our approach is one of an extension of our clients' staff, offering guidance and assistance to make smart, long-term decisions that result in greater value for them, their projects, their stakeholders and our community as a whole. Regardless of the scope of the project, we pay special attention to architectural and landscape detail and welcome every opportunity to improve our environment.



APPROACH TO SCOPE



Regardless of the project site, scale, or schedule of the project, KEITH commits the necessary resources and quality personnel to complete the work orders. Our experience has provided us a thorough understanding of the myriad of project issues that can arise when executing work orders. The KEITH team, with its senior level, proactive management, and continuous quality control measures, has proven to be a team that can successfully perform on the El Mar Drive Design Services project.

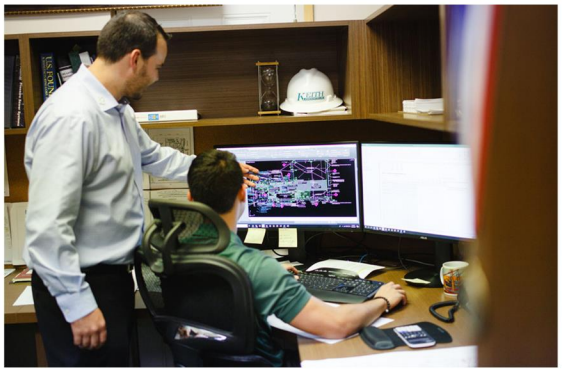
We have a keen understanding of the many challenges that can be encountered during municipal projects. Accordingly, we have assembled a design team with broad capabilities and depth of experience to address any needs that may arise. These many years of collective experience mean that the Town's concerns with project development will be taken under consideration throughout the entire design and construction process. The KEITH team is cognizant of utility operational requirements and the impact they have on our design work and schedule to successfully complete any work authorizations.

The KEITH team provides a basic approach to design development including: Preliminary Design (BODR and 30% drawings), final design (50%, 90% and 100%; as needed), permitting, bidding and construction phase services. Upon completion of adequate and appropriate project due diligence, we begin implementing the design plan, technical specifications, certified cost estimates, and supporting bid forms, based upon specific project requirements with a careful eye toward the project schedule and budget utilizing quality experienced professionals with a proactive encompassing design approach.

The general objective of this contract is to provide necessary engineering, survey/SUE, and landscape architectural services for preliminary design, permitting, and engineering administration and inspection during construction.

UNDERSTANDING THE SCOPE

The scope of services defines the nature and volume of work to be completed. The initial step is the most critical to the success of any project. As Client Manager and Project Manager respectively, Mr. Williams and Ms. Treviranus will meet to discuss all nuances of the assignments with the Town Staff, as well as the proposed scope of services, determine what documents the Town has on file and discuss any potential issues, such as access restrictions, traffic levels, safety needs, anticipated schedule, public concerns, etc. This meeting is critical to ensure there are no misunderstandings and no assumptions being made by either party in regard to the final needs and goals of the Town. Our approach to every project begins with a **"No Excuses"** methodology. KEITH brings a unique combination of top-quality professionals with years of in-depth experience working on similar municipal projects under the leadership of KEITH, a firm you know and can trust with your most important projects.



MANAGEMENT & DESIGN APPROACH

The KEITH team will implement a rigorous communication protocol among all project participants. The basis of our management approach will focus on managing communication between our team and the Town, as follows:

- Provide Single Point of Contact – Project Manager, Ms. Lori Treviranus, PE
- Stress early planning and scheduling
- Establish the involved group of stakeholders, and provide clear lines of communication to all, as required

- Understand the objectives of the project and assure that all project stakeholders have the same level of commitment and expectation in understanding the scope of work
- Schedule periodic progress meetings
- Maintain strong, ongoing working relationships with the Town staff

Our approach to this management plan is one that has proven successful with many projects. We will schedule all meetings in coordination with Town staff, conduct the meetings, provide agendas and meeting materials, record and submit minutes for review/ approval, and then distribute those minutes to the appropriate parties.



We will establish clear lines of communication and review procedures among team members to ensure the continuous and timely flow of work in the planning and design phases. We will work closely with staff to ensure that each project's scope and objectives are well understood.

The KEITH will develop a project schedule to sequence key activities associated with and required for the successful design of the project. By carefully scheduling and sequencing activities, key elements of the work authorization may be performed in a sequential, but staggered manner in an attempt to expedite delivery of the work authorization while ensuring all issues and concerns are properly addressed. An example of this would be that a certain level of general planning and conceptual design consideration of alternative solutions and interviews with authorities having jurisdiction, may be undertaken while site inspections and surveys of existing conditions at the site are underway.

SCHEDULE CONTROL

Our ability to work in close coordination with Town staff, contractors, and other consultants will result in projects being completed on time and within budget. We have found great success utilizing an approach that has led to effectively identifying problems and quickly defining solutions. This approach, coupled with our experience and knowledge, offers the Town of Lauderdale By The Sea the opportunity to minimize cost overruns and project delays. Developing and managing the schedule to deliver the project will require accurate project scope and cost estimates. Also critical are reasonable construction time projections and contract time requirements. As your Consultant, the KEITH team will:

- **Prepare a realistic and achievable project schedule,** which reflects the project's funding constraints. The schedule will be complete, allow room for contingencies, and focus on what is important to the Town in order to deliver on commitments at key milestones.
- **Develop accurate and complete project scopes and cost estimates** that will be reviewed, as required, including such incentives as may be appropriate and justifiable. This includes provisions to build in upgrades and upgrade-ability for rapidly changing technology.
- **Monitor progress** periodically as required and minimize delays of any kind. This requires preventing foreseeable delays, mitigating delays from unforeseen sources, and reversing or recovering from delays that may arise from unforeseen circumstances.
- Establish a process to review and properly **assign responsibility for any increase in project delays**. Establish a mechanism for prompt resolution and payment (i.e., including alternative dispute resolution procedures).
- Arrange for **task-oriented team "workshops"** as required to review the work and schedule aimed at enhancing efficiency (i.e., by enhancing productivity, optimizing schedule overlaps, reducing work, value engineering, and the like).

By using these standard procedures, KEITH will deliver the project on time and on budget.

COST CONTROL AND COST ESTIMATES

Two factors weigh into a successful overall project cost control initiative; controlling the cost of the construction by providing efficient and practical designs ("value engineering") and controlling the cost of the design effort itself. KEITH takes responsibility for both factors on every project for every client.

At KEITH we undertake design estimates, constructability reviews and schedule analysis as the project evolves through the various phases of design. At each phase of design benchmark, we evaluate potential errors, omissions, and document coordination problems that may impact cost and time after contract award and bring these to the attention of the project team. We can evaluate alternatives and recommend substitute methods or materials based on their relative economy and life cycle. Our efforts are designed and focused to identify and make recommendations on cost issues and risks as early as possible to address and mitigate these prior to the start of construction.

*KEITH recently completed the re-analysis of the Northern, Western and Ravenswood Drainage System Study for Broward County Aviation Department (BCAD). Our **Value Engineering** practices provided Broward County a reduction in anticipated comparable cost which equated to a projected **savings differential estimated at $6.5 million** from the initial study and recommendation provided by a previous drainage consultant.*

KEITH has a reputation of working within the budgets set and negotiated to perform design and construction services of this nature. We look to build long lasting partnerships with our clients and have found the best business practices to be reliable and accountable.

On many previous projects, KEITH has managed our team in an efficient manner resulting in residual contract dollars being reconciled and reassigned for additional projects. Design team addendums are only requested in association with a significant scope change or significant unforeseen conditions.

QUALITY ASSURANCE/QUALITY CONTROL

KEITH is keenly aware that time is of the essence for most projects and cost is always an important component of the design. This is why we have an established Quality Assurance/Quality Control (QA/QC) Program that is implemented throughout the design process through project closeout. This ensures that the plans are prepared to the highest quality standards from the beginning and eliminates lengthy agency review and revision times. It also allows for value engineering and constructability analysis throughout the quality review process.

Underlying this quality process are three corporate philosophies; utilizing the right people to do the right things at the right time; putting our detailed, and time-tested processes in place to facilitate quality work and delivery; and utilizing a comprehensive quality management plan that addresses quality control throughout every aspect of the project.



360

Our QA/QC Program consists of the following four key principles:

1. Proper Project Approach: Quality is achieved through due diligence, communication, planning, coordination, supervision, and technical direction at the very start of the project. The Client Manager and/or Project Manager will discuss the goals and objectives for each project with the Town to understand the scope of work, level of detail and the applicable technical standards that need to be met for each assignment.

2. Constant Project Supervision and Communication: Quality is achieved by conveying the scope and special instructions to the office and field staff together with regular reviews of their continued work effort and progress.

3. Active Senior Management: Quality is assured by the Senior Management establishing realistic schedules and providing the proper technical directions to the team assigned. Plan omissions are typically the greatest challenge in any QA/QC program and they are best identified in a review by experienced senior staff members. Senior staff also provide the independent reviews of the processes, procedures, and project documentation to provide the required deliverable to the Town.

4. Formal Quality Reviews: Quality of the deliverables and the procedures is verified by the KEITH QA/QC Officer. A final check of the deliverables is performed by the Project Manager and the QC Professional on every project prior to submission to the Town.

PERMITTING PROCEDURES

Permitting is crucial to the project schedule and this coordination is key all the way through the project, and even through project close-out. We are aware that most regulatory agencies are busy and even overworked. As a result, our policy is to "get it right the first time". We understand what the local and state agencies are looking for, and we provide them with quality complete designs including the information and documentation that they need, in a format that they are accustomed to, so reviews and approvals can be accomplished without multiple resubmissions.

KEITH utilizes a hands-on approach, meeting early in the process with all regulatory agencies to discuss the proposed planned concepts and assess the issues relative to their approval process. For utilities projects, the time required for permitting can represent a major portion of the overall design time and will thus need to be tightly managed. KEITH will be responsible for acquiring/compiling all necessary permit information. These materials will be packaged and submitted to the Town's Project Manager. Permit status will remain an agenda item for each coordination meeting.



We are very familiar with the requirements of these governmental agencies. For any design project, it is important to be proactive on the necessary permits to avoid any potential delays and to continue project momentum. KEITH provides a stellar reputation with these agencies of good design practices, accountability and extensive experience with project permitting and approvals. As we have proven on recent significant utility projects, KEITH has routinely and expertly navigated and substantially expedited the permitting process of our projects through multiple jurisdictions and agencies providing a substantial cost savings benefit to Broward County. We will also identify any critical long lead time items that the Town may wish to procure in advance of the construction projects. This approach will ensure that some items are procured to facilitate project completion and delay avoidance, as applicable.

Addendum No. 1

To RFQ 20-01-01

El Mar Drive Design

Date of Issuance: January 14, 2020

Proposers are hereby notified that this Addendum No.1 shall be attached to and made part of the above named Request for Qualifications 20-01-01 ("RFQ") issued on January 6, 2020.

This Addendum No. 1 is issued to add to, delete from, modify, clarify and/or amend the RFQ. The items contained in this Addendum No. 1 shall have full force and effect as part of the RFQ and shall prevail to the extent of any conflict with the original RFQ. Proposals to be submitted on or before the specified due date shall conform to the additions and revisions contained herein.

The Proposer shall acknowledge receipt of this Addendum No. 1 by including a signed copy of this form in each Proposal. This Addendum No. 1 consists of two (2) pages.

***

3. "Description of Work" of the RFQ is hereby amended to include the following language:

A. GENERAL INFORMATION ABOUT THE TOWN'S PROJECT

***

El Mar Drive is a signature street in the heart of LBTS. El Mar extends both north and south out of the downtown core of LBTS. El Mar is vital to the tourism industry in the Town.

This El Mar revitalization project needs to address the functional needs of the vehicular, pedestrian and bicycle traffic that utilizes this beachfront roadway. This Project should also address the beautification of El Mar, including landscape/irrigation, lighting and hardscape improvements to the roadway corridor.

Respondents to this RFQ will be expected to conduct community outreach meetings to build consensus among the adjacent hotel owners, the residents and the business community for the ultimate design of the El Mar Drive improvements. The respondents to this RFQ must show in their response package a minimum of 15 years of similar roadway and streetscape improvement projects and a corresponding 15 years of experience with community consensus building on similar type projects.

6. "MINIMUM REQUIRED EXPERIENCE & QUALIFICATIONS" shall be amended to read as follows:

***

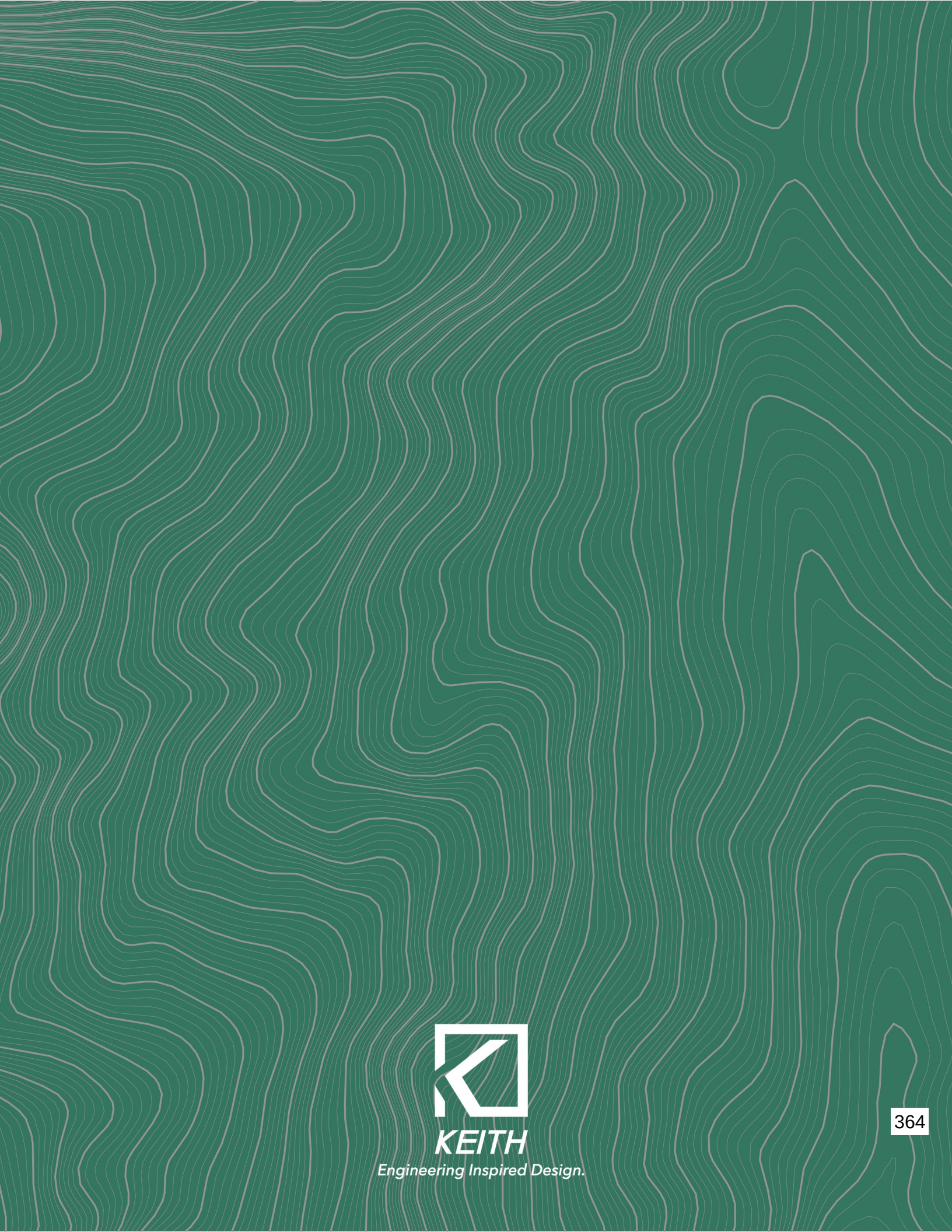
General Requirements

***

C. Have at least fifteen (15) years of experience in providing engineering services to local governments. Have a minimum of 15 years of similar roadway and streetscape improvement projects and a corresponding 15 years of experience with community consensus building on similar type projects

D. The person proposed to be assigned to manage the TOWN contract shall be a registered professional engineer or professional landscape architect with the State of Florida and shall provide his or her license number in the response.

Acknowledgement of Addendum: KEITH 2/3/2020


KEITH
Engineering Inspired Design.



ORIGINAL

LAUDERDALE-BY-THE-SEA

RFQ No. 20-01-01

EL MAR DRIVE DESIGN

February 3, 2020

Miller Legg Proposal 20-P0004





MILLER LEGG
IMPROVING COMMUNITIES. CREATING ENVIRONMENTS.

Respondent's agency/firm:	Miller Legg & Associates
Address:	5747 N. Andrews Way Fort Lauderdale, FL 33309
Telephone Number:	954.436.7000
Name of contact person:	Michael Kroll, RLA, FASLA
Date:	February 3, 2020
RFQ Number:	RFQ 20-01-01



Pine Island Road is a one-mile new roadway alignment project including preparation of a Basis of Design Report and subsequent final design and construction plans. This section of road, from Sheridan Street to Stirling Road, completes the link between Palm Beach and Miami-Dade Counties. Services provided included roadway design, associated drainage, lighting, intersection and transit improvements, signalization, pavement marking, utility adjustment, public involvement, maintenance of traffic and cost estimates. Landscaping was also installed in the median to provide a traffic calming effect.

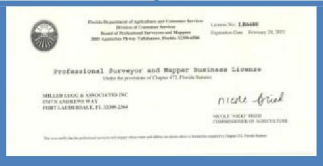
MILLER LEGG
IMPROVING COMMUNITIES. CREATING ENVIRONMENTS.

Required information:

a. Miller Legg is qualified and willing to perform Professional Engineering Services, Professional Landscape Architecture and Professional Surveying Services.
b. Miller Legg is licensed to do business in the State of Florida and we have included our licenses below.
c. For your consideration, we have included project information which illustrates our complete street design experience, balancing the needs of vehicles, pedestrians and bicycles. In addition, we have included a short response to each of the Evaluation Criteria elements.
d. Response Contract:
Michael Kroll, RLA, FASLA, President | mkroll@millerlegg.com | 954.436.7000
e. Contract Administrator:
Joaquin Mojica, PE | Regional Engineering Manager | jmojica@millerlegg.com | 954.628.3608
f. Project Manager:
Glen Harrelson, PE | Senior Engineer | gharrelson@millerlegg.com | 954.628.3616
Bachelor of Science, Civil Engineering, University of Florida | 30 years of Experience | Registered Professional Engineer | Extensive Municipal Experience


State of Florida
Department of State




Professional Surveyor and Mapper Business License

Full Size Certificates included in Tab 4.

February 3, 2020
Lauderdale-By-The-Sea
Tedra Allen, CMC, Town Clerk
4501 N. Ocean Drive
Lauderdale-By-The-Sea, FL 33308

RFQ No. 20-01-01 El Mar Drive Design
ML Proposal No.20-P0004

Dear Selection Committee:

Miller Legg is pleased to submit our qualifications for your consideration in the selection for the El Mar Drive Design Services project.

Miller Legg understands the importance of communication, responsiveness, quality, availability and adherence to time and budget on this project. We understand the necessary steps required for successful development and requirements for design and administration of engineering services. Miller Legg's knowledge and valuable experience with the Town and with infrastructure design, neighborhood improvement projects, site development design, and construction administration has been the reason **85% of Miller Legg clients are repeat clients**.

The firm has previously completed numerous municipal, county, state and federal projects ranging from neighborhood improvement projects, city and county streets and highways, traffic engineering studies, drainage studies and design, and pedestrian/bicycle facilities planning and design. In addition to roadway design services, Miller Legg also houses a staff of talented Landscape Architects, Surveyors, and Environmental Scientists to ensure all your needs are met.

Glen Harrelson, PE, is your Project Manager for this project. He has a distinguished record of 30 years designing and overseeing the construction of municipal civil engineering projects. He is well-suited for providing the services for this project including stormwater design, sidewalk, pavement and lighting design, as well as public outreach.

As Principal-in-Charge for this Contract, I am authorized to make representations on behalf of the firm. I will ensure that Lauderdale-By-The-Sea will have the Miller Legg Team's corporate commitment of staff and resources for this project. Should you require any additional information, please contact me at 954.436.7000 or at mkroll@millerlegg.com.

Sincerely,

Michael Kroll, RLA, FASLA
President | Principal-in-Charge

South Florida Office: 5747 N Andrews Way • Fort Lauderdale, Florida 33309-2364
(954) 436-7000 • Fax: (954) 493-6539
www.millerlegg.com

EOE / DFW

TAB	SECTION	PAGE NUMBER
1	Title Page	1.1
2	Letter of Transmittal	2.1
3	Table of Contents	3.1
4	Organization Profile, Qualifications and Experience • RFQ Form 1 (Exhibit 1)	4.1 – 4.33
5	References • RFQ Form 2 (Exhibit 2)	5.1
6	Insurance • (Exhibit 6)	6.1
7	Professional Services Contract • (Exhibit 6)	7.1
8	Additional Forms • Exhibit 3, RFQ Form 3: Respondent's Certification • Exhibit 4, RFQ Form 4: Sworn Statement Pursuant to Section 287.133(3)(A). Florida Statutes on Public Entity Crime • Exhibit 5, RFQ Form 5: No Financial Interest Statement • Addendum No. 1	8.1 – 8.7
9	Compensation	9.1
10	Representations and Warranties	10.1

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH YOUR RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 1: QUALIFICATIONS STATEMENT

Proposer: **Miller Legg & Associates**

1. State the full and correct name of the partnership, corporation or trade name under which you do business and the address of the place of business. (If a corporation, state the name of the president and secretary. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.)

   a. The correct and full legal name of the Respondent is: **Miller Legg & Associates**

   b. The business is a (Sole Proprietorship) (Partnership) (Corporation). **Corporation**

   c. The names of the corporate officers, or partners, or individuals doing business under a trade name, are as follows: **Michael D. Kroll - President, Dylan Larson – Vice President, Leslie N. Hernandez – Chief Financial Officer**

2. Please describe your company in detail:
   a. Number of employees; **54 Employees**
   b. Number of years your organization been in business; and, **55 Years on April 1, 2020**
   c. The organization's specialty. **Miller Legg is a statewide award-winning consulting firm that brings together the elements of engineering, planning, landscape architecture and urban design, surveying, subsurface utility engineering (SUE), environmental wetlands consulting, and geographic information systems services.**

3. The contact information (address, telephone and fax) of the principal place of business: **5747 N. Andrews Way, Fort Lauderdale, FL 33309, T 954.436.7000 and F 954.493.6539**

4. The contact information (address, telephone and fax) of the closest business location to TOWN if different than number 3: **Same as above.**

5. Name and title of employees to be assigned to the Town contract, if awarded:

   Glen Harrelson, PE, Senior Engineer
   Joaquin Mojica, PE, Regional Engineering Manager
   William Schipske, PE, Senior Engineer
   Peter Pellerito, PE, Senior Engineer
   Chris Andreoni, PE, Project Engineer
   Enrique Gomez, PE, Project Engineer
   Michael Kroll, RLA, FASLA, President Senior Landscape Architect
   Brian Shore, RLA, Project Landscape Architect
   Liudmila Fuentes, Landscape Designer
   Martin Rossi, PSM, Project Surveyor
   Karen Lynch, PSM, Project Surveyor
   Jeffry Marcus, PhD., Environmental Specialist

6. Company identification numbers for the Internal Revenue Service: **65-0563467**

7. Broward County business tax receipt number, if applicable, and expiration date: **#315-178 September 30, 2020**

8. List the last three project of this nature that the firm has completed? Please provide project description, reference and cost of work completed.

1. CITY OF FORT LAUDERDALE BAYVIEW DRIVE STORMWATER & DRAINAGE IMPROVEMENT

The 2625 NE 11th Court Stormwater Improvement project encompassed the roadway along NE 11 Court, between Bayview Drive and Seminole Drive in Fort Lauderdale. The project included modeling and calculations for the design of a new stormwater drainage system to address street flooding issues along the site. Miller Legg furnished stormwater modeling, civil design, tidal flap gate, utility conflict, permitting and construction services support for this flooding abatement project. This was performed as part of the City's Stormwater Master Plan under the firm's continuing services contract with the City of Fort Lauderdale.
Elkin Diaz, Transportation and Mobility Department | 954.828.6539 | ediaz@fortlauderdale.gov
$150,000

2. CITY OF COCOA BEACH CRA MINUTEMEN CAUSEWAY

Miller Legg provided surveying, SUE, landscape architecture and civil engineering design for a Florida Friendly streetscape beautification and stormwater improvement plan for a portion of Minutemen Causeway located within the Community Redevelopment Area (CRA) of the City of Cocoa Beach. The project consisted of significant landscape beautification and geometric modifications to the corridor to promote a pedestrian friendly environment and to stimulate economic development. In conjunction with the redevelopment, the project proposed low impact stormwater facilities to meet the Total Maximum Daily Load reduction requirements as outlined within the Indian River Lagoon Basin Management Action Plan. These stormwater improvements included pervious paver sidewalks and parallel parking, bio-swales with native vegetation, and underground stormwater infiltration facilities with nutrient absorption materials. The survey services provided included design/topographic surveying, GPS, Digital Terrain Map (DTM) and underground utility designation services. We also provided permitting services for a Coastal Construction Control Line (CCCL). The entire project was a City pilot program for Low Impact Design (LID) and Best Management Practices (BMP) for stormwater management which realized significant funding from the State.
Joanie Regan, Stormwater Program Coordinator | 321.868.3219 | jregan@cityofcocoabeach.com
$4,500,000

3. CITY OF WEST PALM BEACH GREGORY ROAD GREEN STREETS LID SANITARY SEWER & STORMWATER

Miller Legg provided surveying and engineering services associated with analysis of the existing drainage system from Omar Road north along Parker Avenue and west to Belvedere Road and I-95. This road experiences significant flooding during short duration high intensity storm events. Along with our surveying and geotechnical team members, the firm evaluated contributing factors, provided potential mitigation solutions and an opinion of probable costs for such prospective alternatives. This project is being completed under the firm's multi-year General Engineering Services contract.
Tracy Ward, Senior Stormwater Engineer | 561.494.1120 | tward@wpb.org
$299,709

9. Have you ever failed to complete any work awarded to you? If so, where and why? **No, Miller Legg has never failed to complete any work awarded to us.**

10. Provide the following information concerning all contracts that are similar in nature or use the same project team proposed for this contract that are ***in progress*** as of the date of submission of this Response.

Name of Project	Contract with:	Contract Amount	Estimated Completion Date	% of Completion Date
South Florida National Cemetery Phase 2 Design/Build	The LA Group	765,250	2022	50
Florida National Cemetery Phase 5 Design/Build Project	The LA Group	400,670	2022	75
Homestead Biscayne Everglades Greenway	City of Homestead	257,600	2020	90
Gregory Road Green Streets Engineering Services	City of West Palm Beach	205,592	2020	90
Rodeo Stormwater & Forestry Site Improvements	Seminole Tribe of Florida	158,262	2022	75
FIU Biscayne Bay Campus Lift Station	Florida International University	148,700	2021	75
Big Cypress THPO Office Building & Ahfachkee School Expansion Projects	Seminole Tribe of Florida	143,863	2020	90
Weston Community Center	Cartaya and Associates	119,500	2022	90
John Knox Village Pompano Beach Campus Welcome Center	John Knox Village	116,300	2020	90
South Campus DRA #9 and Perimeter BERM Plans	Broward College	116,000	2020	85
WASD E15-WASD-02 Upgrade Pump Station 330	Miami-Dade County Water and Sewer Department	94,469	2020	75
PUMP STATION 0051 E15-WASD-02	Miami-Dade County Water and Sewer Department	91,203	2020	75
PUMP STATION 0051 E15-WASD-02	Miami-Dade County Water and Sewer Department	87,132	2020	75
SBBC International Welcome Center / Pines Lake Elementary	School Board of Broward County	80,364	2020	75
Lauderdale-By-The-Sea Continuing Services Contract	Lauderdale-By-The-Sea	99,965	2022	60
Big Cypress Basin 2 O&M Remediation	Seminole Tribe of Florida	74,218	2020	75
Civil Permit Tracking / Drainage Certifications	School Board of Broward County	74,161	2020	90
Ransom Everglades School STEM Center	Ransom Everglades School	108,150	2020	90
FIU Parking Garage 2 South Entry	Florida International University	59,865	2021	60
Pump Station 0733 E15-WASD-02	Miami-Dade County Water and Sewer Department	98,962	2021	50
International Soccer Training Westlake	Pierce Goodwin Alexander & Linville	442,500	2021	75

Westminster Academy Campus Master Plan	Westminster Academy	88,500	2021	35
Miami Dade College Padron Campus Pre-School Lab and Parking Garage 3	VIA Design Studio	200,250	2021	20
Tamarac Landscape Master Plan Update	City of Tamarac	91,000	2020	35

(Continue list as necessary)

Provide the following information for any sub-contractors you propose to engage if awarded a contract. **Miller Legg does not intend to use any subcontractors for the El Mar Drive Design project.**

Subcontractor Name	Contact Information	Work to be Performed
N/A	N/A	N/A

The foregoing list of subcontractors may not be amended after award of the contract without the prior written approval of the Town Manager, whose approval shall not be unreasonably withheld.

Company Profile



Miller Legg is a statewide award-winning consulting firm that brings together the elements of engineering, planning, landscape architecture and urban design, surveying, subsurface utility engineering (SUE), environmental wetlands consulting, and geographic information systems services.

Miller Legg works successfully to improve communities and create environments for a variety of clients. Client sectors include transportation, municipal and county government, healthcare, education, federal and international. This offers our clients a firm of seasoned professionals who are leaders in the Florida consulting industry.

Miller Legg, established in 1965, employs a staff of approximately 54 professionals and technicians and is wholly owned by its employees. The firm has locations in Fort Lauderdale, Miami and Port St. Lucie.

The firm's **engineering** services include: utilities design and modeling (such as surface water management, drainage system design, water and sanitary sewer design and permitting, and pump station design), utility coordination, traffic engineering, complete streets and highways design, street lighting design, pavement marking and signage design, parks and recreation design, master planning, municipal engineering, construction monitoring and full Construction Engineering Inspection (CEI) and management services.



The firm's **landscape architecture** services include: planting, hardscape, irrigation, urban design, complete street design, recreational and commercial planning, project theming, signage design, graphic design, contract administration, construction observation services, plan review, horticultural consulting and arboriculture. In addition, the firm has inventoried more than 40,000 trees ranging from 28 to 20,000 trees per project.

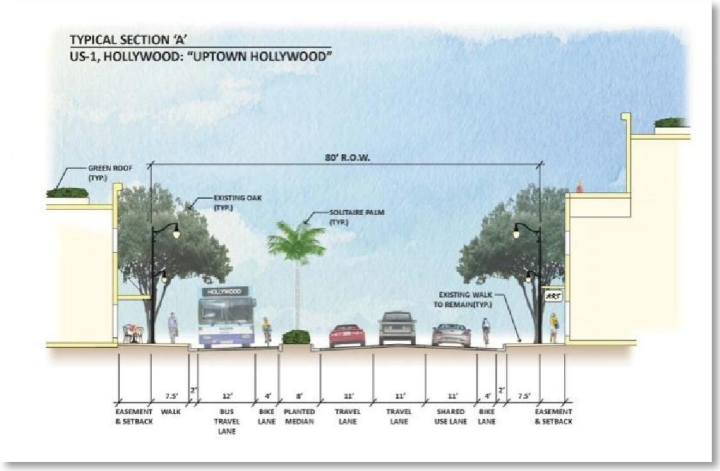
The firm's **surveying** services include: land surveying such as boundary, land title, route, right-of-way, platting, design and control, topographic, Subsurface Utility Engineering (SUE), as-built, tree, and hydrographic surveys, construction layout, Construction Engineering Inspection (CEI) surveys, field monumentation, sketches and descriptions for acquisitions and easements, and GPS data collection. In addition, we provide quantity (earthwork) surveys, condominium surveys, title document analysis, plot plans, and expert witness testimony.



The firm has completed numerous municipal, county, state and federal projects ranging from neighborhood improvement and redevelopment projects, regional water and sewer utilities, educational facilities site planning, cemeteries, neighborhood parks, and golf course designs to aviation facilities, complete street projects, streetscapes, and streets and highways.

Additionally, the firm has successfully completed several thousand private sector projects including residential developments from two to 7,000 acres, industrial and office sites, hotels and theme park facilities, hospitals and medical office complexes, commercial properties, retail shopping centers and franchise properties.

The firm has been involved with more than 200,000 acres of project design development in Florida. Our approach to each project is best characterized by a "partnering relationship." We dedicate ourselves to learning the culture of our clients, and their specific concerns, desires and needs, much like an extension of their own offices. We consistently strive to maintain time schedules and to provide factual and frequent communication.



Miller Legg prides itself on its team approach to the interdisciplinary needs unique to the project and client. We provide responsive, personalized, quality service to value-conscious private clients and select government agencies, who desire the very best in planning and design.

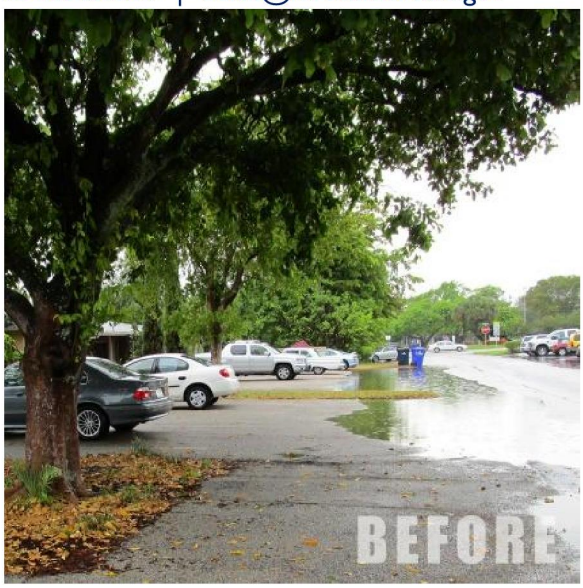
Relevant Experience

For your El Mar Drive Design Project, Miller Legg has assigned Glen Harrelson, PE to lead our team. Our team has the experience to successfully complete your project – each element of your scope has been completed numerous times by our individual team members.

Project Scope	PRIMARY TEAM MEMEBERS							
	Michael Kroll, RLA, FASLA Principal-In-Charge	Glen Harrelson, PE Project Manager	Joaquin Mojica, PE Contract Administrator	Chris Andreoni, PE Project Engineer	William Schipske, PE QA\QC	Liudmila Fuentes Landscape Designer	Martin Rossi, PSM Project Surveyor	Karen Lynch, PSM Project Surveyor
Prepare preliminary and/or feasibility design reports and/or design alternatives	X	X	X	X	X	X		
Prepare conceptual designs - various types of utility modeling	X	X	X	X	X	X		
Surveying	X						X	X
Field data analysis	X	X	X	X	X	X	X	X
Estimates of probable construction cost	X	X	X	X	X			
Life-cycle cost analysis	X	X	X	X	X			
Organize and attend Town meetings	X	X	X	X	X	X		
Community outreach meetings	X	X	X	X	X	X		
Prepare presentations to the Town Commission, Town Management, homeowner's associations, business entities, and other interested stakeholder groups	X	X	X	X	X	X		
Prepare recommendations for appropriate community outreach components and processes	X	X	X	X	X	X		
Conduct and attend pre-design, design, bidding and bid award meetings	X	X	X	X	X	X		
Prepare bidding/construction documents	X	X	X	X	X			
Prepare surveys, design plans, technical specifications, cost estimates, permit applications to governmental agencies	X	X	X	X	X	X	X	X
Assist in evaluating bids and making bid award recommendations	X	X	X	X	X			
Provide engineering, management, administration, inspection and value engineering services	X	X	X	X	X			
Respond to contractor's request for information	X	X	X	X	X			
Shop drawing/contractor submittal review and approval, inspection and approval of project improvement or progress	X	X	X	X	X			
Certification of projects through multiple permitting agencies/entities	X	X	X	X	X			
Field revisions	X	X	X	X	X	X	X	X
Review and approve contractor pay applications	X	X	X	X	X	X	X	X
Evaluate and recommend change orders	X	X	X	X	X			
Provide project close-out	X	X	X	X	X			
Inspect, preliminary and final acceptance of projects	X	X	X	X	X			
Prepare and approve punch list items	X	X	X	X	X	X		
Provide as-built record drawings, operation and maintenance manuals	X	X	X	X	X	X		
Project certification through permitting agencies	X	X	X	X	X	X		
Identify and write for grant funding opportunities	X	X				X		

Firm Experience Past 10 Years

Project Name:	**CITY OF FORT LAUDERDALE BAYVIEW DRIVE STORMWATER & DRAINAGE IMPROVEMENT**
Work Performed:	The 2625 NE 11th Court Stormwater Improvement project encompassed the roadway along NE 11 Court, between Bayview Drive and Seminole Drive in Fort Lauderdale. The project included modeling and calculations for the design of a new stormwater drainage system to address street flooding issues along the site. Miller Legg furnished stormwater modeling, civil design, tidal flap gate, utility conflict, permitting and construction services support for this flooding abatement project. This was performed as part of the City's Stormwater Master Plan under the firm's continuing services contract with the City of Fort Lauderdale.
Year Engaged:	2015
Amount of Time:	20 months
Contact Information:	City of Fort Lauderdale Elkin Diaz, Transportation and Mobility Department 954.828.6539 | ediaz@fortlauderdale.gov





Project Name:	**CITY OF WEST PALM BEACH GREGORY ROAD GREEN STREETS LID SANITARY SEWER & STORMWATER**
Work Performed:	Miller Legg provided surveying and engineering services associated with analysis of the existing drainage system from Omar Road north along Parker Avenue and west to Belvedere Road and I-95. This road experiences significant flooding during short duration high intensity storm events. Along with our surveying and geotechnical team members, the firm evaluated contributing factors, provided potential mitigation solutions and an opinion of probable costs for such prospective alternatives. This project is being completed under the firm's multi-year General Engineering Services contract.
Year Engaged:	2017
Amount of Time:	23 months
Contact Information:	City of West Palm Beach Tracy Ward, Senior Stormwater Engineer 561.494.1120 | tward@wpb.org



Project Name:	**CITY OF COCOA BEACH CRA MINUTEMEN CAUSEWAY**
Work Performed:	Miller Legg provided surveying, SUE, landscape architecture and civil engineering design for a Florida Friendly streetscape beautification and stormwater improvement plan for a portion of Minutemen Causeway located within the Community Redevelopment Area (CRA) of the City of Cocoa Beach. The project consisted of significant landscape beautification and geometric modifications to the corridor to promote a pedestrian friendly environment and to stimulate economic development. In conjunction with the redevelopment, the project proposed low impact stormwater facilities to meet the Total Maximum Daily Load reduction requirements as outlined within the Indian River Lagoon Basin Management Action Plan. These stormwater improvements included pervious paver sidewalks and parallel parking, bio-swales with native vegetation, and underground stormwater infiltration facilities with nutrient absorption materials. The survey services provided included design/topographic surveying, GPS, Digital Terrain Map (DTM) and underground utility designation services. We also provided permitting services for a Coastal Construction Control Line (CCCL). The entire project was a City pilot program for Low Impact Design (LID) and Best Management Practices (BMP) for stormwater management which realized significant funding from the State.
Year Engaged:	2011
Amount of Time:	54 months
Contact Information:	City of Cocoa Beach Joanie Regan, Stormwater Program Coordinator 321.868.3219 | jregan@cityofcocoabeach.com



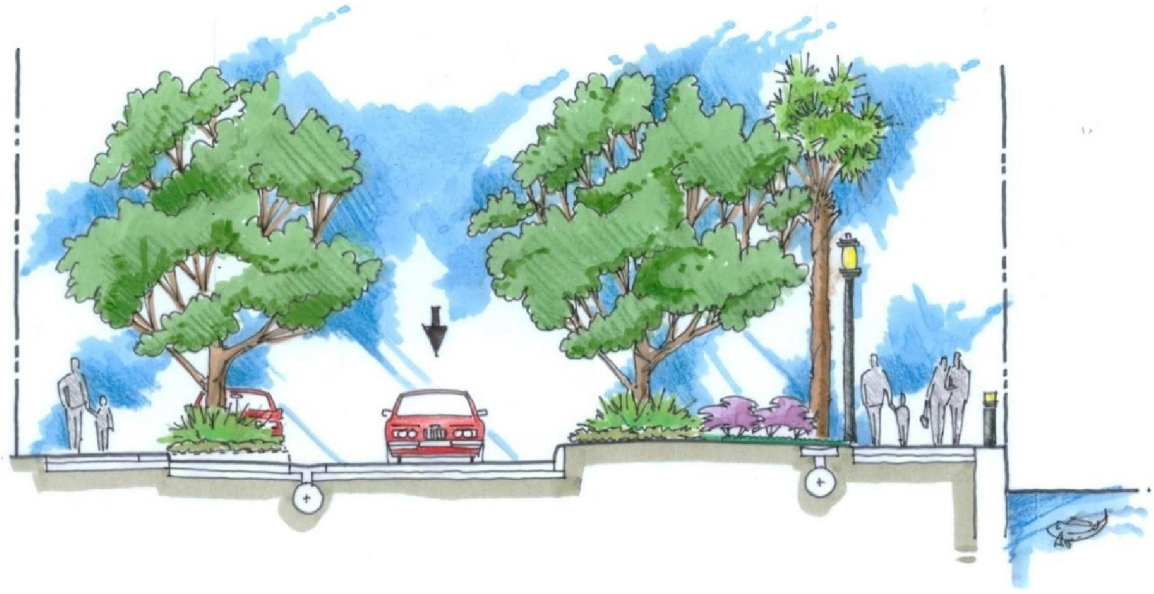
Project Name:	**LAS OLAS BOULEVARD IMPROVEMENTS CM@RISK**
Work Performed:	Miller Legg is providing civil engineering, landscape architecture, survey and constructability preconstruction phase services and document review to Skanska USA Building Inc. for the $50 million Las Olas Boulevard Improvements project in Fort Lauderdale. The project is a partnership between the City of Fort Lauderdale and the Beach Community Redevelopment Agency (CRA) that will create a new gateway to Fort Lauderdale's Beaches. To create a more pedestrian oriented open space and corridor, the project includes roadway improvements, a 1,200 space parking garage, a 1-acre oceanfront park and a ½-mile Intracoastal waterfront pedestrian promenade. Miller Legg's services include project planning, constructability reviews, attending design and coordination meetings, cost estimating and value engineering. Assistance with the development of maintenance of traffic (MOT) plans for construction phasing is also part of the scope. This Improvements Construction Management at Risk (CMAR) project is a key component of the Central Beach Master Plan and City of Fort Lauderdale's 2035 Vision.
Year Engaged:	2016
Amount of Time:	47 months
Contact Information:	Skanska USA Building, Inc. Vincent Collins, Senior Project Manager 954.605.7688 | Vincent.collins@skanska.com



Project Name:	**TOWN OF LAUDERDALE-BY-THE-SEA POINCIANA/BOUGAINVILLEA ROADWAY AND PARKING IMPROVEMENTS**
Work Performed:	Under the firm's Continuing Services Contract, Miller Legg provided design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Boulevard to alleviate congestion along the parallel corridor of SR A1A in the Town of Lauderdale-By-The-Sea. Services included: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.
Year Engaged:	2017
Amount of Time:	18 months
Contact Information:	Lauderdale-By-The-Sea Ken Rubach, Municipal Services Director 954.640.4233 | kenr@lbts-fl.gov



Project Name:	**CITY OF MIAMI BRICKELL BAY DRIVE**
Work Performed:	Miller Legg prepared an Analysis of Opportunities & Constraints for roadway improvements between SE 14th Street and S. Bayshore Drive (SE 15th Road) for the City of Miami. In addition, a route survey was performed. The work also included information gathering and development of Alternate Roadway Typical Section(s) denoting a one way facility with a shared path and expanded multi-use green areas.
Year Engaged:	2012
Amount of Time:	4 months
Contact Information:	Collin Worth, Project Manager 305.416.1022 | cworth@miamigov.com



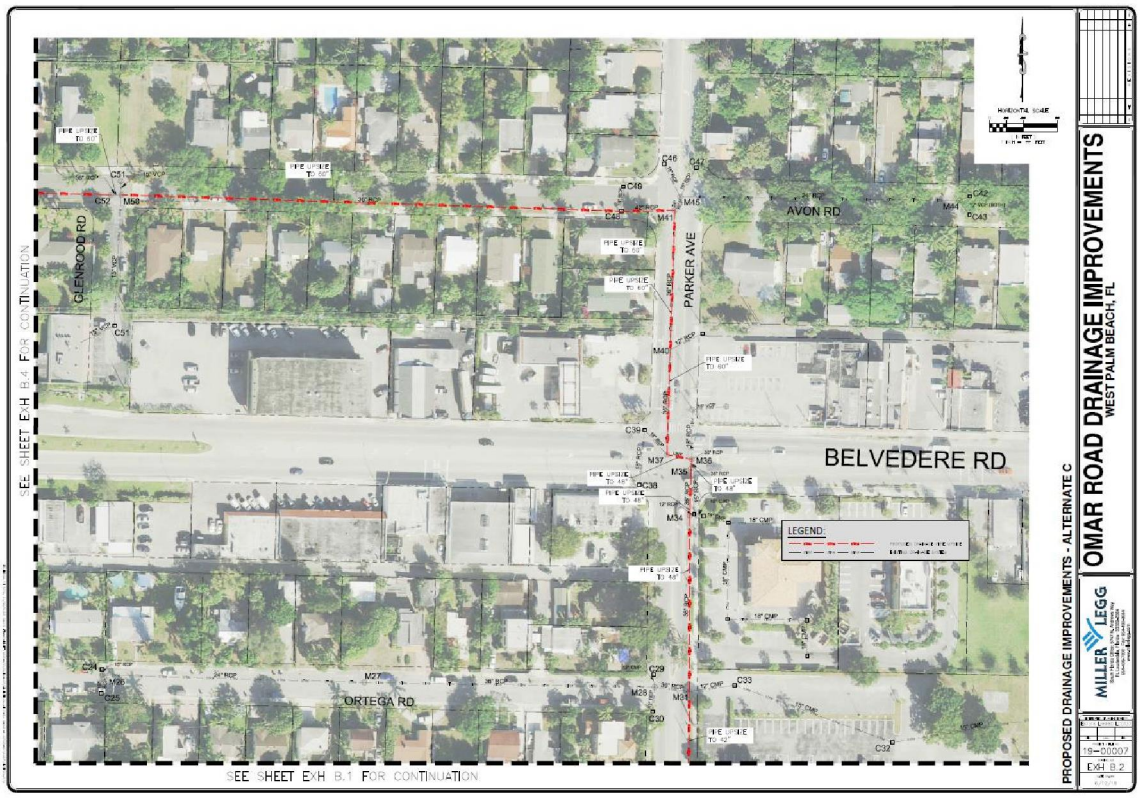
Project Name:	**FLORIDA INTERNATIONAL UNIVERSITY PARKING GARAGE 6 CIVIL ENGINEERING**
Work Performed:	Miller Legg provided the engineering design services for Florida International University's (FIU) 1,960-parking space 51,500 SF mixed-use Parking Garage No. 6 (PG6) on the Modesto Maidique campus in Miami. The design for this project included water, sewer, paving, grading, drainage, traffic and transportation design for this facility. The planning for a future express bus rapid transit hub was also integrated into the site's design. Off-site improvements included the widening of the campus loop road, NW 10th Street and the design of a two-lane roundabout to serve as the primary entrance to the campus. Intersection improvements to SW 8th Street and SW 112th Avenue included coordination and permitting with FDOT for signalization and roadway improvements. The full scope of services included: survey, subsurface utility engineering (SUE), design, permitting, significant construction observation and closeout for new and realigned spine roads with one additional roundabout (including a utility corridor of telecommunication duct banks, electrical duct banks, chilled water lines, sanitary sewer gravity mains, sanitary sewer force mains, drainage system, water mains, gas mains, and irrigation mains) and sewage lift station. Sewage lift station was designed according to Miami-Dade Water and Sewer Department requirements. The ground floor of the project includes: retail space, six large-format multiuse classrooms, a 3,386 SF indoor seating area, a computing and information sciences lab, offices and support spaces. The project was awarded the International Parking Institute's 2016 Award of Excellence in Category II (Best Design of a Parking Facility with Fewer than 800 Spaces).
Year Engaged:	2013
Amount of Time:	24 months
Contact Information:	Florida International University Alberto Delgado, Assistant Director Construction 305.348.4036 | delgadoa@fiu.edu



Project Name:	**MEMORIAL REGIONAL HOSPITAL DESIGN/BUILD PUBLIC ROADWAY IMPROVEMENTS AND PARKING GARAGE**
Work Performed:	Miller Legg provided site development design services for a new 7-story, 1,302-space parking garage located at Johnson Street and Garfield Street on the Memorial Regional Hospital campus in Hollywood. The parking garage included 570,330 SF of parking garage space, ground-floor retail, a courtyard, an auditorium, and hospital staff training room and offices. Associated off-site roadway and signal improvements were provided on Johnson Street along with roundabout modifications on Garfield Street at 35th Avenue. Specific services included: civil engineering, permitting, paving, drainage, water, sewer, traffic engineering, signalization, topographic survey, underground utility designations (SUE), landscape architecture, irrigation, and hardscape design, as well as construction observation.
Year Engaged:	2016
Amount of Time:	16 months
Contact Information:	Zyscovich Architects Arnaldo Delgado, Project Architect 305.372.5222 | adelgado@zyscovich.com



Project Name:	**CITY OF WEST PALM BEACH OMAR ROAD IMPROVEMENTS**
Work Performed:	Miller Legg provided surveying and engineering services associated with analysis of the existing drainage system from Omar Road north along Parker Avenue and west to Belvedere Road and I-95. This road experiences significant flooding during short duration high intensity storm events. Along with our surveying and geotechnical team members, the firm evaluated contributing factors, provided potential mitigation solutions and an opinion of probable costs for such prospective alternatives. This project is being completed under the firm's multi-year General Engineering Services contract.
Year Engaged:	2019
Amount of Time:	4 months
Contact Information:	City of West Palm Beach Tinu Pena, Project Manager 561.494.1040 | tpena@wpb.org



Project Name:	**CITY OF OAKLAND PARK NW 21ST AVENUE STREETSCAPE**
Work Performed:	Under the firm's Continuing Services contract, Miller Legg is preparing an aerial conceptual plan and typical sections for streetscape improvements within the right-of-way along NW 21st Avenue between Oakland Park Blvd. and NW 26th Street. The conceptual design includes a conversion of a continuous median into multiple landscaped medians. The proposed medians work towards the continued beautification of the corridor. The project also focuses on connectivity and safety for pedestrians and bicyclists. It extends the existing bike lane and adds visible pavement markings that promote safety on the street, at driveways, and at intersection crossings. .
Year Engaged:	2019
Amount of Time:	2 months
Contact Information:	City of Oakland Park Brynt Johnson, Senior Project Manager 954.630.4343 | brynt.johnson@oaklandparkfl.gov

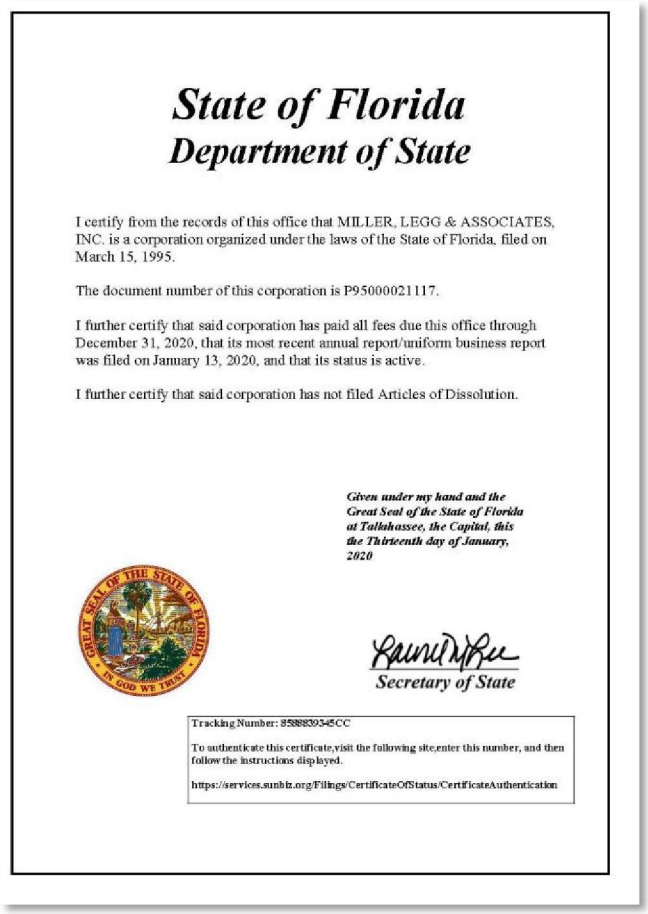
PROPOSED CROSS SECTION: NW 21ST AVE.



MILLER LEGG

State of Florida Business License

Miller Legg is authorized to do business in the State of Florida.



State of Florida
Department of State

I certify from the records of this office that MILLER, LEGG & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on March 15, 1995.

The document number of this corporation is P95000021117.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 13, 2020, and that its status is active.

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

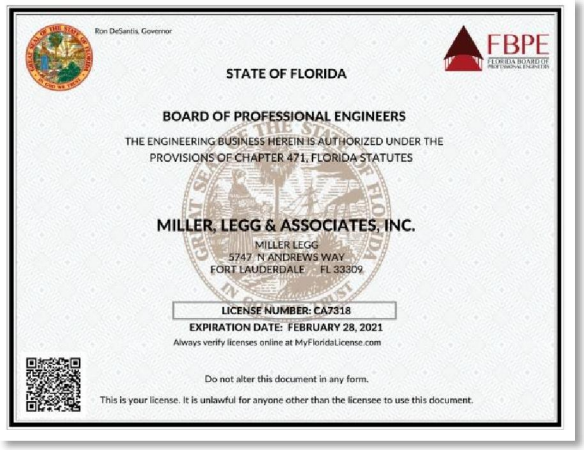
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Thirteenth day of January, 2020

Secretary of State

Tracking Number: 858883945CC

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Ron DeSantis, Governor

FBPE

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MILLER, LEGG & ASSOCIATES, INC.

MILLER LEGG
5747 N ANDREWS WAY
FORT LAUDERDALE FL 33309

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Ron DeSantis, Governor

Halsey Beshears, Secretary

dbpr

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

MILLER LEGG & ASSOCIATES INC

5747 N ANDREWS WAY
FORT LAUDERDALE FL 33309

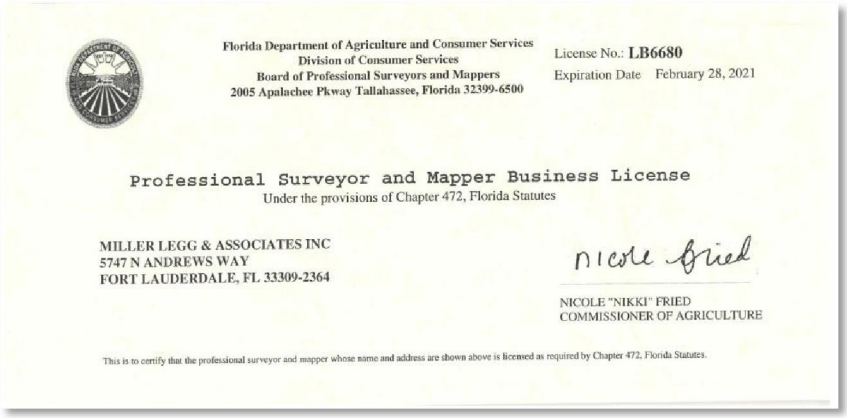
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License No.: LB6680
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Professional Surveyor and Mapper Business License
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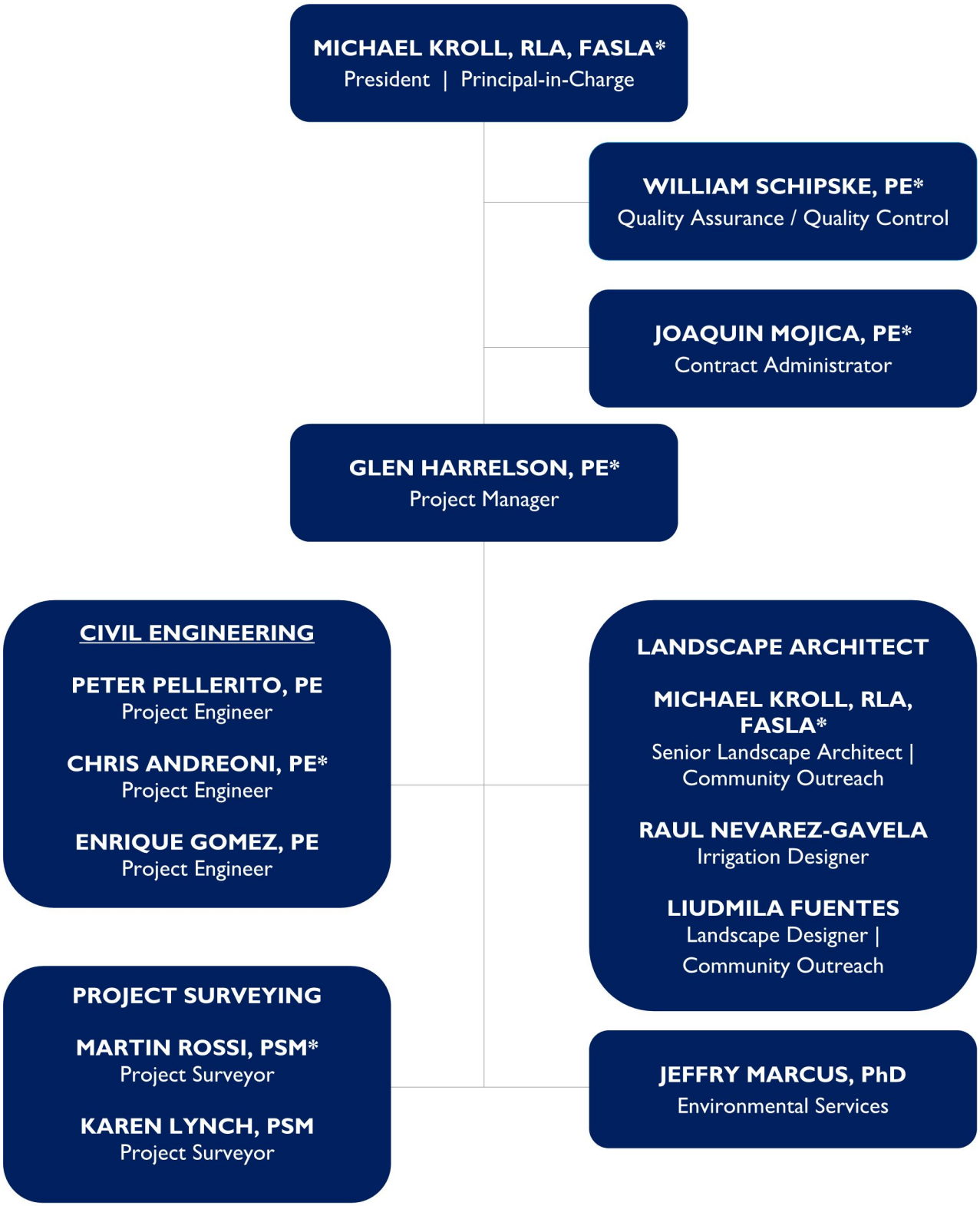
MILLER LEGG & ASSOCIATES INC
5747 N ANDREWS WAY
FORT LAUDERDALE, FL 33309-2364

nicole fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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Organizational Chart



***Primary Staff Resumes Included**

Individual Responsible



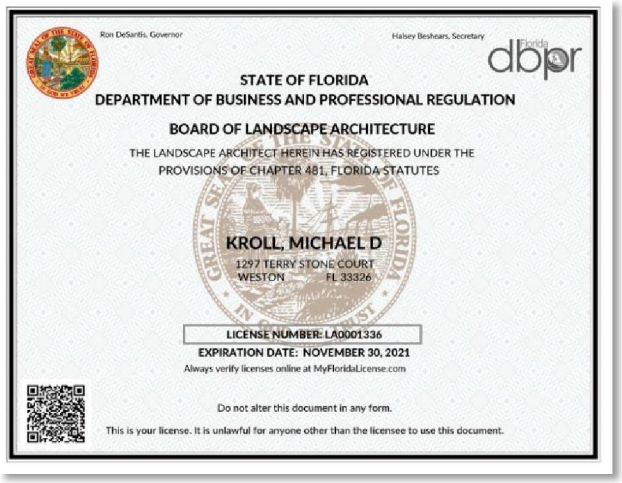
Miller Legg has assigned Glen Harrelson, PE, as your Project Manager and will lead the Team on the El Mar Drive Design Project. Glen has spent his entire 26-year career performing Broward County utilities projects in a number of different capacities. He has earned enormous respect in the industry for his commitment to design and follow through excellence in managing teams on such projects. You can rest assured that he will successfully oversee interdisciplinary collaboration for holistic solutions through execution of this project.

- 26 years of public and private utilities and civil engineering infrastructure development project management experience
- Substantial background in water and wastewater projects; planning, developing and coordinating engineering documents; and services during construction, including bid document preparation and construction observation
- Has lived in South Florida his entire life and has worked with multiple agency staff for over 20 years
- Is the Project Manager for our Miami-Dade WASD Improvement, Upgrades and Expansion of Local Wastewater Pump Stations and Related Facilities contract. This contract currently includes the rehabilitation of five pump stations as well as water and sanitary sewer design
- Track record as client advocate for delivering projects on time and within budget
- Significant experience as Project Manager and Engineer of Record for large, complex improvement projects
- Projects include:
    - Broward County Parks and Recreation West Lake Park Phase 4
    - School Board of Broward County Pine Lakes Elementary International Welcome Center
    - City of Miramar Ansin Sports Complex
    - City of Plantation Police Firing Range
    - City of Homestead Biscayne – Everglades Greenway Trail
    - Miami Dade Water and Sewer Department E15-WASD-02 Pump Station 0051
    - Miami Dade Water and Sewer Department E15-WASD-02 Pump Station 330
    - Nicklaus Children's Hospital Tomotherapy Building Site Design
    - City of Pembroke Pines West Soccer Park
    - Miami Dade Water and Sewer Department E15-WASD-02 Pump Station 772
    - Town of Surfside Water Main Restoration *(Individual Experience)*
    - Dania Beach Southeast Drainage *(Individual Experience)*
    - Fort Lauderdale South Runway Extension Design/Build *(Individual Experience)*



Dania Beach Taylor Lane Improvements *(Individual Experience)* Engineer of record for this roadway project located in the City of Dania Beach. The project included the restoration and raising of an existing roadway, and the installation of a drainage system designed to help alleviate flooding within this low-lying area. The design included the use of roadway swales, exfiltration trench and a stormwater discharge into the adjacent South New River canal.

Primary Individuals Professional Qualifications



Ron DeSantis, Governor — Halsey Beshears, Secretary

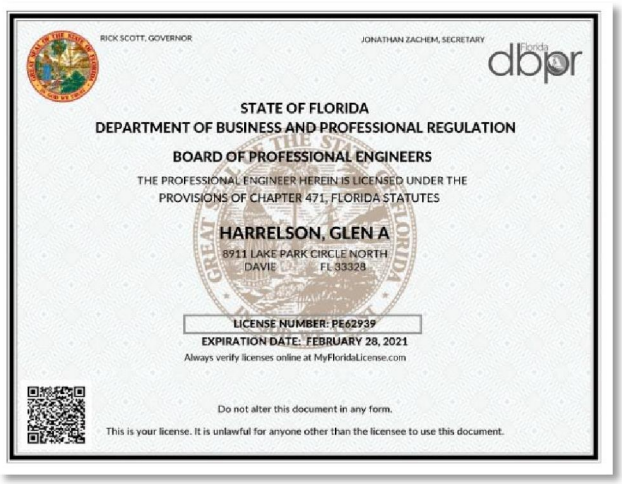
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

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KROLL, MICHAEL D
1297 TERRY STONE COURT
WESTON FL 33326

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HARRELSON, GLEN A
8911 LAKE PARK CIRCLE NORTH
DAVIE FL 33328

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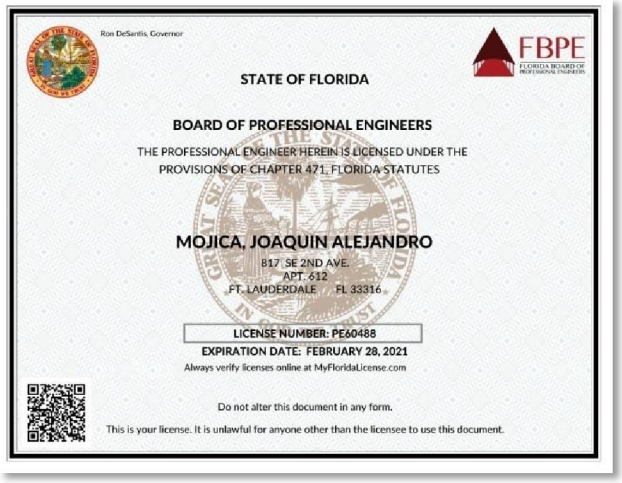
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ANDREONI, CHRISTOPHER THOMAS
10705 NW 64TH COURT
PARKLAND FL 33076

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STATE OF FLORIDA

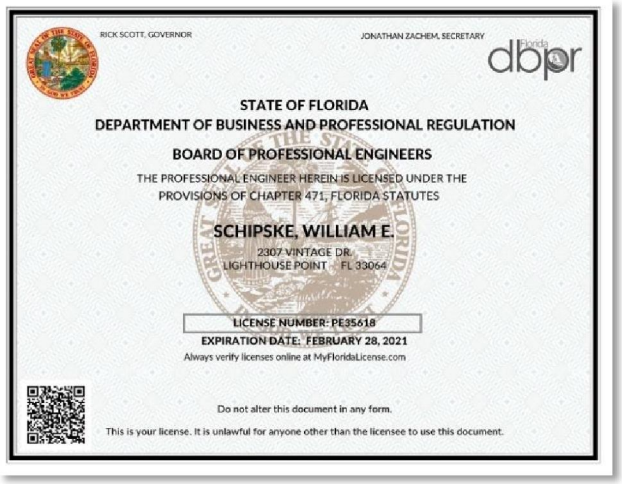
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MOJICA, JOAQUIN ALEJANDRO
817 SE 2ND AVE.
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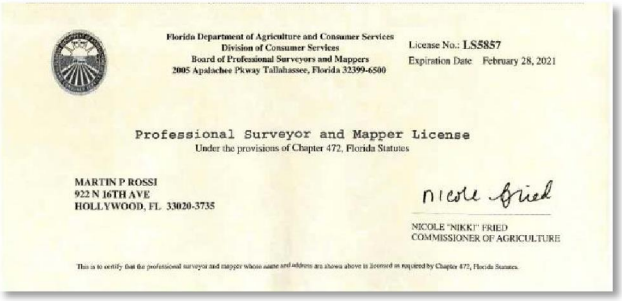
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SCHIPSKE, WILLIAM E.
2307 VINTAGE DR.
LIGHTHOUSE POINT FL 33064

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MARTIN P ROSSI
922 N 16TH AVE
HOLLYWOOD, FL 33020-3735

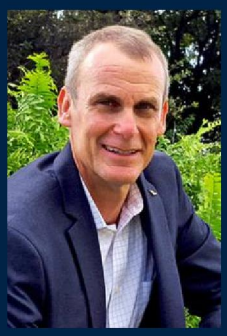
Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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Michael Kroll, RLA, FASLA

Principal-in-Charge | Senior Landscape Architect | Community Outreach



Years of Experience: 34

Years With the Firm: 32

Registrations & Certifications:

Registered Landscape Architect, FL, 1989
Registered Landscape Architect, TX, 2009
Fellow American Society of Landscape Architects, 2014

Education:

Bachelor of Landscape Architecture
University of Florida, 1986
Graduate Studies, Urban and Regional Planning
Florida State University, 1989

Publications & Presentations:

American Society of Landscape Architects, Broward Section, *Habitat Restoration*, October 1995
Builders Association of South Florida, *Environmental Issues & Development*, 1999, Lecturer
Florida Educational Facilities Planners' Association, Inc., *Making Connections: Benefits of On-Campus Mass Transit Elements*, July 2014, Presenter/Speaker
Florida Engineering Society, *Environmental Design & Habitat Restoration*, April 1995, Lecturer
Florida Planning and Zoning Association, *Public Private Partnerships*, June 2007, Presenter/Speaker
University of Florida School of Architecture, *Where the Water Meets the Land*, September 1996, Guest Lecturer

Professional & Civic Activities:

Fellow, American Society of Landscape Architects
Past Member, American Society of Landscape Architects, Florida Executive Committee
Vice Chair, Broward County Bicycle & Pedestrian Advisory Committee
Member, Broward Section, American Planning Association
Past Chair, Broward Section, American Society of Landscape Architects
Member, Florida Board of Landscape Architecture, 2013-current
Member, Florida Earth Foundation, Engineering Advisory Committee, 2004-present
Member, Florida Recreation and Park Association

Professional Experience:

Mr. Kroll, President of Miller Legg, has been actively involved in projects ranging from large scale habitat restoration to international urban redevelopment projects. His 30+-year career has concentrated on planning, infrastructure, open space, transportation and redevelopment, principally in South Florida.

Mr. Kroll's diverse professional experience has led to projects that successfully integrate environmental, planning and landscape architectural services. Under his leadership, Miller Legg develops project solutions that respond to the natural environment, respect the social fabric and create sustainable aesthetic spaces.

Relevant Project Experience:

Town of Lauderdale-By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements - Under the firm's Continuing Services Contract, Miller Legg provided design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. to alleviate congestion along the parallel corridor of SR A1A in the Town of Lauderdale-By-The-Sea. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.

City of Coral Springs SR 869/Sawgrass Expressway Gateway Improvements - This project involved gateway landscape enhancements at the following interchanges to SR 869/Sawgrass Expressway at Atlantic Blvd., Sample Road, Coral Ridge Drive and University Drive in the City of Coral Springs. Services included: Florida Friendly landscape architecture design, irrigation design and construction observation. This project was partially funded through Florida's Turnpike Enterprise as a follow-up completion of the Sawgrass Expressway.

City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue - Miramar Parkway Streetscape Improvement project was a Local Agency Program (LAP)-funded revitalization project in the City of Miramar. The project entailed Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length. The project included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation. Miller Legg developed a master plan for this corridor, incorporating access management and shared commercial parking facilities to enhance the commercial viability of the corridor. Utilizing the master plan, extensive public outreach was conducted with the corridor stakeholder to establish consensus on the redevelopment and roadway plan.

City of Coconut Creek SR 814/Atlantic Boulevard Landscape Beautification Improvements - Under the firm's Continuing Services contract for Landscape Architecture services, Miller Legg provided context sensitive landscape beautification improvements to this roadway corridor from west of Lyons Road to the Florida Turnpike on an expedited basis. Services included landscape architecture, hardscape, irrigation, water use

permitting, construction observation, traffic control and surveying services. We also facilitated the plans for execution of agreements and provided coordination with FDOT District 4 and Florida's Turnpike Enterprise.

Las Olas Boulevard Improvements CM at Risk - Miller Legg is providing civil engineering, landscape architecture, survey and constructability preconstruction phase services and document review to Skanska USA Building Inc. for the $50 million Las Olas Boulevard Improvements project in Fort Lauderdale. The project is a partnership between the City of Fort Lauderdale and the Beach Community Redevelopment Agency (CRA) that will create a new gateway to Fort Lauderdale's Beaches. To create a more pedestrian oriented open space and corridor, the project includes roadway improvements, a 1,200 space parking garage, a 1-acre oceanfront park and a ½-mile Intracoastal waterfront pedestrian promenade. Miller Legg's services include project planning, constructability reviews, attending design and coordination meetings, cost estimating and value engineering. Assistance with the development of maintenance of traffic (MOT) plans for construction phasing is also part of the scope. This Improvements Construction Management at Risk (CMAR) project is a key component of the Central Beach Master Plan and City of Fort Lauderdale's 2035 Vision.

Memorial Regional Hospital Design Build (D/B) Public Roadway Improvements & Parking Garage - Miller Legg provided site development design services for a new 7-story, 1,302-space parking garage located at Johnson Street and Garfield Street on the Memorial Regional Hospital campus in Hollywood. The parking garage included 570,330 SF of parking garage space, ground-floor retail, a courtyard, an auditorium, and hospital staff training room and offices. Associated off-site roadway and signal improvements were provided on Johnson Street along with roundabout modifications on Garfield Street at 35th Avenue. Specific services included: civil engineering, permitting, paving, drainage, water, sewer, traffic engineering, signalization, topographic survey, underground utility designations (SUE), landscape architecture, irrigation, and hardscape design, as well as construction observation. Miller Legg was a subconsultant to Zyscovich Architects and was on the Stiles/ Thornton design/build team.

City of Oakland Park NW 21st Avenue Streetscape - Under the firm's Continuing Services contract, Miller Legg is preparing an aerial conceptual plan and typical sections for streetscape improvements within the right-of-way along NW 21st Avenue between Oakland Park Blvd. and NW 26th Street. The conceptual design includes a conversion of a continuous median into multiple landscaped medians. The proposed medians work towards the continued beautification of the corridor. The project also focuses on connectivity and safety for pedestrians and bicyclists. It extends the existing bike lane and adds visible pavement markings that promote safety on the street, at driveways, and at intersection crossings.

Florida Atlantic University (FAU) Lee Street Roadway Project - Miller Legg was responsible for preparation of construction plans for a 1-mile four-lane divided street and a 1,600-space commuter parking area south of the new Lee Street location. Services provided included topographic surveying, tree surveys, environmental site assessment and permitting for relocation of gopher tortoise and burrowing owl locations. Master planning, civil engineering, electrical engineering for street lighting, mechanical engineering for a new chilled water main plant interconnection, landscape architecture and irrigation design plans, and assistance with utility coordination were part of this project. Miller Legg provided permitting services through South Florida Water Management District and Lake Worth Drainage District, as well as construction phase services. This project also required coordination with the Florida Fish and Wildlife Conservation Commission.

Pine Island Road Improvements from Stirling Road to Sheridan Street - Pine Island Road is a one-mile new roadway alignment project including preparation of a Basis of Design Report and subsequent final design and construction plans. This section of road, from Sheridan Street to Stirling Road, completes the link between Palm Beach and Miami-Dade Counties. Services provided included roadway design, associated drainage, lighting, intersection and transit improvements, signalization, pavement marking, utility adjustment, public involvement, maintenance of traffic and cost estimates. Landscaping was also installed in the median to provide a traffic calming effect.

Florida Department of Transportation (FDOT) District 4 SR A1A Roadway Improvement Boynton Beach Inlet/Lake Worth Road - This project entailed milling and resurfacing as well as drainage improvements to alleviate roadway flooding on this five-mile segment in Manalapan and South Palm Beach. Unavoidable mangrove impacts and compensatory mitigation were associated with this project. Our responsibilities included: surveying, landscape architecture, arborist services, wetland delineation, environmental permitting, regulatory agency coordination and off-site mitigation design. Certified Arborist and landscape architecture services included tree removal and protection, as well as landscape design plans for the Town of South Palm Beach. A full design survey included topography baseline alignment, primary and secondary global positioning system (GPS) control, digital terrain modeling, and bridge and drainage surveys, as well as post design construction services. Environmental services included mitigating mangrove impacts with the creation of mangroves at Phipps Park and the use of existing wetland mitigation credits from the FDOT's C-18 project. Miller Legg was a subconsultant to R.J. Behar and Company, Inc.



Years of Experience: 26

Years With the Firm: 2

Registrations & Certifications:

Registered Professional Engineer, FL, 2005

Education:

Bachelor of Science, Civil Engineering
Florida International University, 1994

Glen Harrelson, PE

Project Manager | Senior Engineer

Professional Experience:

Mr. Harrelson has more than two decades of design and management experience in utility design, municipal engineering, roadway design, land development and construction management. He is highly organized, motivated and technically proficient with engineering designs, engineering programs such as WaterCad, AutoCad, and many drainage design software programs. He has significant experience leading large and high profile projects within Miami-Dade, Broward and Palm Beach Counties, which include design, permitting and construction management.

Relevant Project Experience:

City of Homestead Biscayne-Everglades Greenway Trail - Among the services Miller Legg is providing for this 3.2 mile, 12-foot-wide Biscayne Everglades Greenway shared-use trail project are landscape architectural, engineering, surveying and environmental services including preparation of FDOT-approved construction documents, design of regulatory and wayfinding signs, pavement markings, safe pedestrian push button crossing and necessary drainage within the C-103 Canal right-of-way from East Mowry Drive to SW 137th Avenue in Homestead. The scope of services is based upon a 2017 Florida Shared-use Non-Motorized Trail Agreement between the City of Homestead and FDOT. A topographic and tree survey, along with SUE services, are being delivered. The scope includes engineering design and permitting services for the shared-use trail, associated drainage and roadway pedestrian crossings. A Tree Disposition plan will be prepared. The firm is also carrying out Preliminary Natural Resource and Protected Species Investigations and will prepare documents related to the possible designation of the Project by FDOT as a Documented Categorical Exclusion.

City of Miramar Ansin Sports Complex - The City of Miramar retained Miller Legg to perform a site engineering analysis of the existing lake at the Ansin Sports Complex to determine whether the lake can be filled to provide additional buildable area on the site. The scope of services involved analysis of the existing stormwater management system and coordination with the relevant permitting agencies; South Broward Drainage District and South Florida Water Management District. Miller Legg has also prepared boundary, topographic and tree surveys at the site.

Miami Dade Water and Sewer Department (MDWASD) E15-WASD-02 Pump Station 0051 - Miller Legg is currently under contract with the Miami-Dade Water and Sewer Department (M-DWASD) to upgrade the existing pump station and is providing mechanical, civil, structural, electrical, surveying and limited construction support services for this dry well conversion project. This rehabilitation pump station project is currently located within a historical residential neighborhood on NE 71st Street in Miami.

Miami Dade Water and Sewer Department (MDWASD) E15-WASD-02 Pump Station 330 - Miller Legg is currently under contract with the Miami-Dade Water and Sewer Department (M-DWASD) to upgrade the existing pump station. New pumps, piping, wet well, valve vault and electrical equipment are being provided and relocation is also involved. Project includes design, permitting, assistance with bid/advertisement and limited construction support services.

Miami-Dade College (MDC) North Campus Water Loop Phase II - As

part of the Miami Dade College (MDC) North Campus Water Loop Phase II project, Miller Legg was retained to provide survey and engineering services for the required Design Criteria package and preliminary engineering plans for ± 4,500 lf of 12" ductile iron pipe fire line and 5,500 lf of 12" potable water line. MDC is enhancing the existing water infrastructure by replacement of its internal water/fire main system and creation of a campus-wide loop. The firm's survey services cover topographic, asbuilts and record drawings. Engineering services include preparation of a 30% engineering plan, a comprehensive Design Criteria report in addition to RFQ evaluation and bidding assistance.

Miami Dade Water and Sewer Department (MDWASD) E15-WASD-02 Pump Station 772 - Miller Legg is currently under contract with the Miami-Dade Water and Sewer Department (M-DWASD) to design Pump Station #772. The design will include upgrading the pump station from a dry well/wet well configuration to a standard submersible station, and involves demolition of the existing building. This 1,966 SF pump station project is currently located within a residential neighborhood on SW 92nd Avenue in Miami.

Seminole Tribe of Florida (STOF) Seminole Park Neighborhood Infrastructure Improvements - Miller Legg is providing engineering design and post-design construction administration services for a 42-acre neighborhood development site on the Hollywood Seminole Indian Reservation. Services include: boundary and topographic survey, Certified Arborist assessment, tree inventory and assessment, stormwater engineering, lift station tie-in, water and sewer, NEPA evaluation, environmental assessment , landscape and irrigation design and permitting, a traffic study, as well as single family and multi-family lot layout, traffic circulation and permitting. Post-design phase services being provided include site demolition observation, site development and construction inspections, contractor pay applications review and approval, shop drawing review and approval, asbuilt drawings review and approval. This work is being completed under the firm's continuing Professional Engineering Services contract.

City of Miramar Historic Public Safety Complex - The City of Miramar is replacing the existing Civic Center and Child Care building with a new one-story 24,000 SF building to accommodate its police substation, storage, administrative and other law enforcement and public safety facilities, in addition to a surface parking lot for safety vehicles. The new building is being designed and constructed to attain Silver LEED certification. Miller Legg is providing civil engineering design, permitting and construction administration services for the development of this project as part of the Architects Design Group team. Government permitting is being coordinated with the City of Miramar, Broward County, South Broward Drainage District and FDOT. The firm is also providing LEED certification and value engineering review services.

Pembroke Pines City Center, City Hall and Master Infrastructure (Individual Experience) - The City of Pembroke Pines constructed a new City Hall facility, including City Hall offices, Concert Hall, Commission Chambers Building and Art Gallery within the 100+ acre Pembroke Pines City Center site. The City Hall site also includes parking for staff and residents, as well as a courtyard for outdoor events and concerts, as well as an adjacent park and 9/11 Memorial. The City Center site will include a shopping center, a residential component and stand-alone restaurants. As the engineer of record, Glen performed on-site inspections of the site development. This included the parking, 1.25 mile of roadways, court yards, storm drainage system, potable water and fire lines, and the sanitary sewer system, which included a dedicated lift station for the site. Glen was on-site for all phases of the site construction in order to inspect installation of all site facilities and to certify that they were constructed in conformance with the approved plans, specifications and permits.

Dania Beach Taylor Lane Improvements(Individual Experience) - Engineer of record for this roadway project located in the City of Dania Beach. The project included the restoration and raising of an existing roadway, and the installation of a drainage system designed to help alleviate flooding within this low-lying area. The design included the use of roadway swales, exfiltration trench and a stormwater discharge into the adjacent South New River canal.

West Gate North Neighborhood Redevelopment (Individual Experience) - Led roadway and drainage design for this neighborhood redevelopment project. The development area encompassed approximately 450 acres of residential area and included redevelopment of roadways, potable water, sanitary sewer and drainage. The project utilized adjacent dry retention areas that were purchased by Community Redevelopment Association in order to provide stormwater storage for the road right of way and neighborhood.

Dania Beach Taylor Lane Drainage Improvements (Individual Experience) - Provided engineering design, permitting and engineering for a 1/2 mile roadway prone to flooding. The design provided a drainage system to alleviate localized flooding adjacent to the Fort Lauderdale Hollywood Airport.

Town of Surfside Water Main Restoration (Individual Experience) - Was responsible for water main restoration project for entire Town of Surfside as part of design and permitting for the replacement of the aging municipal infrastructure.

Miami Beach West Ave. Neighborhood Development (Individual Experience) - Project was a neighborhood development project in the South Beach area of Miami Beach. Responsible for design of elevated roadway and harmonizing existing properties along West Avenue and adjacent roadways based upon new height differential.

Chris Andreoni, PE

Project Engineer



Years of Experience: 7

Years With the Firm: 3

Registrations & Certifications:

Registered Professional Engineer, FL, 2017

Education:

Bachelor of Science, Civil Engineering
University of Central Florida, 2012

Professional & Civic Activities:

Member, American Society of Civil Engineers
Member, Construction Association of South Florida

Professional Experience:

Mr. Andreoni is a Project Engineer working for a variety of clients such as municipalities, higher education and the private sector. His experience includes civil engineering services specifically in the preparation of site plans, paving, grading, and drainage plans, signing and marking plans, water and sewer plans, stormwater pollution prevention plans, and permitting. Prior to joining Miller Legg, he worked as a Project Manager/Engineer and Staff Engineer at materials testing and inspection firms in South Florida.

Relevant Project Experience:

Town of Lauderdale-By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements - Under the firm's Continuing Services Contract, Miller Legg provided design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. to alleviate congestion along the parallel corridor of SR A1A in the Town of Lauderdale-By-The-Sea. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.

City of West Palm Beach WPB Omar Road Improvements - Miller Legg provided surveying and engineering services associated with analysis of the existing drainage system from Omar Road north along Parker Avenue and west to Belvedere Road and I-95. This road experiences significant flooding during short duration high intensity storm events. Along with our surveying and geotechnical team members, the firm evaluated contributing factors, provided potential mitigation solutions and an opinion of probable costs for such prospective alternatives. This project is being completed under the firm's multi-year General Engineering Services contract.

Skylofts on 3rd Avenue Site Development - Having performed a due diligence study for our Client, Miller Legg is providing survey, civil engineering and landscape architecture services for the development of a proposed 8-story retail ground level/residential tower in place of an existing professional building in downtown Fort Lauderdale. Survey tasks entail a boundary and topographic survey along with sketch and legal description. A conceptual landscape and irrigation plan and construction documents will be furnished. Miller Legg is performing the required vegetation/tree assessment and tree removal permitting. Civil scope includes engineering plans and permitting coordination with the City, Broward Co. Environmental Engineering and Permitting, Highway Construction and Engineering and Traffic Engineering departments and Florida Department of Environmental Protection.

City of Oakland Park Lakeside Sidewalks - The City of Oakland Park was evaluating the addition of sidewalks within the Lakeside community to improve pedestrian connectivity as part of its Complete Streets program. As part of the documentation required for CSLIP grant applications, Miller Legg provided a conceptual aerial overlay plan and a typical cross-section illustrating the proposed 5 ft. sidewalks along the right-of-way for specific road segments within Lakeside.

City of Oakland Park NW 27th St Engineering Design for Road Closure - Miller Legg provided engineering design services to provide an engineering plan identifying signage and/or striping for the proposed road closure at the area along NW 27th St between NW 18th Terrace and NW 18th Avenue in Oakland Park.

Seminole Tribe of Florida (STOF) Seminole Park Neighborhood Infrastructure Improvements - Miller Legg is providing engineering design and post-design construction administration services for a 42-acre neighborhood development site on the Hollywood Seminole Indian Reservation. Services include: boundary and topographic survey, Certified Arborist assessment, tree inventory and assessment, stormwater engineering, lift station tie-in, water and sewer, NEPA evaluation, environmental assessment , landscape and irrigation design and permitting, a traffic study, as well as single family and multi-family lot layout, traffic circulation and permitting. Post-design phase services being provided include site demolition observation, site development and construction inspections, contractor pay applications review and approval, shop drawing review and approval, asbuilt drawings review and approval. This work is being completed under the firm's continuing Professional Engineering Services contract.

City of West Palm Beach Gregory Road Green Streets LID Sanitary Sewer & Stormwater - The City of West Palm Beach requested Miller Legg to provide professional engineering, landscape architecture, surveying and construction administration services for the design and bidding assistance of a stormwater management and drainage improvements project in an existing residential neighborhood. The project involved the installation of +/- 700 ft of exfiltration trench and bioretention modules which provided opportunities for various Low Impact Development (LID) best management practices to reduce stormwater runoff and nuisance flooding. LID implementation was facilitated by the installation of bioretention in the bumpouts on Gregory Road, and nuisance flooding decreased through driveway modifications and speed control devices. The project is located along Gregory Road and Gregory Place between S. Olive Avenue and S. Flagler Drive. Miller Legg provided construction phase services consisting of bi-monthly meetings with City and contractors, construction observation site visits, contractor change order responses, minor fieldwork changes, shop drawing and sample review, special inspections or testing, as built review and approval, contractor pay application recommendations and completion document review. Miller Legg also conducted a public outreach meeting prior to the start of construction. This project was completed under the firm's multi-year General Engineering Services contract.

City of West Palm Beach 32nd/33rd St. Water Main Improvements - Miller Legg provided surveying, underground utility locates, geotechnical engineering, civil engineering design and bidding assistance services for a 2,700 LF water and 2,000 LF gravity sewer 8" water main replacement project on 32nd Street and 33rd Street from Floral Avenue to N. Flagler Drive and on N. Flagler Drive from 32nd Street to 35th Street in the historic Northwood Shores district. The existing water mains were transite, undersized, and had reached the end of their useful life. The Basis of Design Report (BODR) and development of 30% plan scope involved the assessment of water main replacement, sanitary sewer replacement/relocation (from rear yard to street on 2 streets) and evaluation of storm drainage improvements. The project is located approx. 6,850 ft. north of Palm Beach Lakes Blvd. on the west side of N. Flagler Drive. Public outreach with affected residents took place and their concerns documented in advance of the construction phase. This project was completed under the firm's multi-year City of West Palm Beach General Engineering Services contract.

City of West Palm Beach Congress Avenue Water Main Relocation - Miller Legg provided civil engineering, construction administration and surveying services for the City of West Palm Beach for the design and general contractor assistance of a water main relocation project on Congress Avenue at the City's "F" Canal. Relocation of the existing 10" water main was required to accommodate a Palm Beach County (County) Roadway Improvement project, which includes replacement of the existing Congress Avenue "F" Canal Bridge with a double 66" RCP culvert system. Of the 300 LF of 12" water main, 26 LF is sleeved under a Lake Worth Drainage District canal. The existing 10" water main is attached to underside of the existing bridge that will be demolished. In addition, Miller Legg designed a liner to navigate under the City's Canal F to allow for future maintenance requirements, pipe protection during future dredging/maintenance and ease of installation. The project is located on Congress Avenue between Okeechobee Boulevard and Ware Drive. Construction phase services included 3 times weekly site inspections, construction document clarification, change order response, shop drawing and sample review and approval, special inspections or testing, contractor pay application review, completion document review. This project was completed under the firm's multi-year General Engineering Services contract.

Memorial Hospital West Southwest Parking Garage and Roadway Improvements - Miller Legg provided surveying, site development design, permitting and construction administration/observation services for a 6-story parking garage. Services included: subsurface utility engineering (SUE), surveying, site planning, campus-wide master stormwater study /improvements design/plans, on-site paving and drainage/water and sewer. Miller Legg also provided off-site roadway turn lane modifications and temporary access driveway engineering design/plans, site lighting photometrics, landscape planting and overall campus landscape mitigation design/plans, irrigation system modification design/plans, arborist and construction administration/observation services. Permitting agencies involved were the City of Pembroke Pines, South Broward Drainage District, South Florida Water Management District, FDOT and Broward County. Prior to design work, a topographic survey and campus utility infrastructure were mapped and coordinated with the owner and architectural design team for this expansion project and the enabling master stormwater, roadway modifications and infrastructure improvements.



Years of Experience: 21

Years With the Firm: 4

Registrations & Certifications:

Registered Professional Engineer, FL, 2003

Education:

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

Professional & Civic Activities:

Member, American Society of Civil Engineers
Member, Commercial Real Estate Development Institute
Member, Florida Engineering Society
Member, International Council of Shopping Centers
Member, Urban Land Institute

Joaquin Mojica, PE

Contract Administrator | Senior Engineer

Professional Experience:

Mr. Mojica has extensive project design and permitting experience in Florida, Puerto Rico and the Caribbean. He has provided civil engineering design and management services to both private and public sector clients. As Regional Engineering Manager, Mr. Mojica's responsibilities include preparation of proposals, negotiation of engineering contracts, client relations, project reporting, scheduling, budgeting, management of technical staff and subconsultants, design, and permitting. He is highly skilled in CAD/Civil 3D, ICPR and PONDS software.

Relevant Project Experience:

City of Fort Lauderdale Bayview Drive Stormwater & Drainage Improvement - The 2625 NE 11th Court Stormwater Improvement project encompassed the roadway along NE 11 Court, between Bayview Drive and Seminole Drive in Fort Lauderdale. The project included modeling and calculations for the design of a new stormwater drainage system to address street flooding issues along the site. Miller Legg furnished stormwater modeling, civil design, tidal flap gate, utility conflict, permitting and construction services support for this flooding abatement project. This was performed as part of the City's Stormwater Master Plan under the firm's continuing services contract with the City of Fort Lauderdale.

Las Olas Boulevard Improvements CM at Risk - Miller Legg is providing civil engineering, landscape architecture, survey and constructability preconstruction phase services and document review to Skanska USA Building Inc. for the $50 million Las Olas Boulevard Improvements project in Fort Lauderdale. The project is a partnership between the City of Fort Lauderdale and the Beach Community Redevelopment Agency (CRA) that will create a new gateway to Fort Lauderdale's Beaches. To create a more pedestrian oriented open space and corridor, the project includes roadway improvements, a 1,200 space parking garage, a 1-acre oceanfront park and a ½-mile Intracoastal waterfront pedestrian promenade. Miller Legg's services include project planning, constructability reviews, attending design and coordination meetings, cost estimating and value engineering. Assistance with the development of maintenance of traffic (MOT) plans for construction phasing is also part of the scope. This Improvements Construction Management at Risk (CMAR) project is a key component of the Central Beach Master Plan and City of Fort Lauderdale's 2035 Vision.

City of Cocoa Beach CRA Minutemen Causeway - Minutemen Causeway is the "main street" within the Cocoa Beach Central Business District, providing a front door to City Hall and direct access to the beach. Over the last 30 years, development within the Minutemen Causeway corridor included a mix of commercial, residential, and lodging properties. This development drastically increased the impervious conditions of the corridor and significantly impacted the stormwater system within the area, causing regular flooding issues. Miller Legg's solutions for the Minutemen Causeway project was a holistic design approach to improve the stormwater / drainage issues, while invigorating the area's economy by creating a pedestrian-oriented beachfront promenade and streetscapes. The project consisted of significant landscape beautification and geometric modifications to the corridor to promote a pedestrian-friendly environment and to stimulate economic development. In conjunction with the redevelopment, the project included low-impact stormwater facilities to meet the Total Maximum Daily Load reductio

requirements, as outlined within the Indian River Lagoon Basin Management Action Plan. These stormwater improvements included pervious paver sidewalks and parallel parking, bio-swales with native vegetation, and underground stormwater infiltration facilities with nutrient absorption materials. The entire project was a City pilot program for Low Impact Design (LID) and Best Management Practices (BMP) for stormwater management. Utilizing this innovative approach, this project was able to secure significant funding from the State.

City of Oakland Park NW 21st Avenue Streetscape - Under the firm's Continuing Services contract, Miller Legg is preparing an aerial conceptual plan and typical sections for streetscape improvements within the right-of-way along NW 21st Avenue between Oakland Park Blvd. and NW 26th Street. The conceptual design includes a conversion of a continuous median into multiple landscaped medians. The proposed medians work towards the continued beautification of the corridor. The project also focuses on connectivity and safety for pedestrians and bicyclists. It extends the existing bike lane and adds visible pavement markings that promote safety on the street, at driveways, and at intersection crossings.

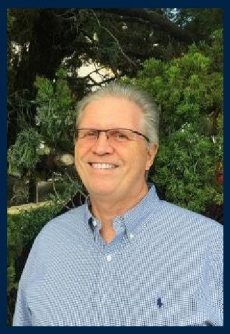
Miami Dade College (MDC) InterAmerican Campus 7th Street Closure Traffic Study - In order to improve overall campus function and the pedestrian experience at the MDC InterAmerican campus, Miller Legg is analyzing and planning for the potential closure of SW 7th Street between SW 27th Avenue and Beacom Boulevard in Miami. This study entails detailed traffic analysis, landscape impacts and alternative design solutions for these improvements to the campus.

Seminole Tribe of Florida (STOF) Seminole Park Housing Water & Sewer Assessment - Miller Legg provided a cursory review and inventory of the Hollywood Park community's water and sewer infrastructure, since the STOF is anticipating acquiring this area and replacing the entire infrastructure of water and sewer in three years. A Water and Sewer Condition Assessment was performed, as well as Life Cycle review and operation and maintenance costs for maintaining the existing water and sewer systems. Demolition of the entire existing water and sewer system was selected, with reconstruction of new infrastructure. The infrastructure improvements include installation of 10,000 LF of utilities. A 14" water main directional drill under a FDOT jurisdiction right-of-way was required.

City of West Palm Beach Gregory Road Green Streets LID Sanitary Sewer & Stormwater - The City of West Palm Beach requested Miller Legg to provide professional engineering, landscape architecture, surveying and construction administration services for the design and bidding assistance of a stormwater management and drainage improvements project in an existing residential neighborhood. The project involved the installation of +/- 700 ft of exfiltration trench and bioretention modules which provided opportunities for various Low Impact Development (LID) best management practices to reduce stormwater runoff and nuisance flooding. LID implementation was facilitated by the installation of bioretention in the bumpouts on Gregory Road, and nuisance flooding decreased through driveway modifications and speed control devices. The project is located along Gregory Road and Gregory Place between S. Olive Avenue and S. Flagler Drive. Miller Legg provided construction phase services consisting of bi-monthly meetings with City and contractors, construction observation site visits, contractor change order responses, minor fieldwork changes, shop drawing and sample review, special inspections or testing, as built review and approval, contractor pay application recommendations and completion document review. Miller Legg also conducted a public outreach meeting prior to the start of construction. This project was completed under the firm's multi-year General Engineering Services contract.

City of West Palm Beach 32nd/33rd St. Water Main Improvements - Miller Legg provided surveying, underground utility locates, geotechnical engineering, civil engineering design and bidding assistance services for a 2,700 LF water and 2,000 LF gravity sewer 8" water main replacement project on 32nd Street and 33rd Street from Floral Avenue to N. Flagler Drive and on N. Flagler Drive from 32nd Street to 35th Street in the historic Northwood Shores district. The existing water mains were transite, undersized, and had reached the end of their useful life. The Basis of Design Report (BODR) and development of 30% plan scope involved the assessment of water main replacement, sanitary sewer replacement/relocation (from rear yard to street on 2 streets) and evaluation of storm drainage improvements. The project is located approx. 6,850 ft. north of Palm Beach Lakes Blvd. on the west side of N. Flagler Drive. Public outreach with affected residents took place and their concerns documented in advance of the construction phase. This project was completed under the firm's multi-year City of West Palm Beach General Engineering Services contract.

Memorial Regional Hospital Design Build (D/B) Public Roadway Improvements & Parking Garage - Miller Legg provided site development design services for a new 7-story, 1,302-space parking garage located at Johnson Street and Garfield Street on the Memorial Regional Hospital campus in Hollywood. The parking garage included 570,330 SF of parking garage space, ground-floor retail, a courtyard, an auditorium, and hospital staff training room and offices. Associated off-site roadway and signal improvements were provided on Johnson Street along with roundabout modifications on Garfield Street at 35th Avenue. Specific services included: civil engineering, permitting, paving, drainage, water, sewer, traffic engineering, signalization, topographic survey, underground utility designations (SUE), landscape architecture, irrigation, and hardscape design, as well as construction observation. Miller Legg was a subconsultant to Zyscovich Architects and was on the Stiles/Thornton design/build team.



Years of Experience: 37

Years With the Firm: 4

Registrations & Certifications:

Registered Professional Engineer, FL, 1985

Education:

Bachelor of Science, Civil Engineering Technology
Florida International University, 1981

Associate of Science, Civil Technology
Nassau Community College, 1976

Continuing Education:

Design of Infiltration & Extended Detention Basins, 2018
Design of Sand Filters & Bioretention Systems, 2018
Floodplain Engineering, 2018
Forensic Engineering - Failure Analysis of Metallic Materials, 2016
Horizontal Curve Safety, 2016
Metallurgical & Mechanical Failures, 2016
Roundabout Geometric Design, 2016

William Schipske, PE

QA/QC | Senior Engineer

Professional Experience:

Mr. Schipske has more than three decades of experience as a civil engineer with a focus on land development, design and construction in South Florida. He has worked on multiple commercial, industrial and residential projects involving production and project management across various technical disciplines. In addition, he spent 3 years as a senior engineering and construction manager for an international firm providing camp and logistics construction services at Kandahar Airfield in Afghanistan. Prior to joining Miller Legg, Mr. Schipske was a founding principal of two engineering firms and has held senior positions at various civil engineering and land development firms in South Florida.

Relevant Project Experience:

Town of Lauderdale-By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements - Under the firm's Continuing Services Contract, Miller Legg provided design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. to alleviate congestion along the parallel corridor of SR A1A in the Town of Lauderdale-By-The-Sea. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.

City of West Palm Beach Gregory Road Green Streets LID Sanitary Sewer & Stormwater - The City of West Palm Beach requested Miller Legg to provide professional engineering, landscape architecture, surveying and construction administration services for the design and bidding assistance of a stormwater management and drainage improvements project in an existing residential neighborhood. The project involved the installation of +/- 700 ft of exfiltration trench and bioretention modules which provided opportunities for various Low Impact Development (LID) best management practices to reduce stormwater runoff and nuisance flooding. LID implementation was facilitated by the installation of bioretention in the bumpouts on Gregory Road, and nuisance flooding decreased through driveway modifications and speed control devices. The project is located along Gregory Road and Gregory Place between S. Olive Avenue and S. Flagler Drive. Miller Legg provided construction phase services consisting of bi-monthly meetings with City and contractors, construction observation site visits, contractor change order responses, minor fieldwork changes, shop drawing and sample review, special inspections or testing, as built review and approval, contractor pay application recommendations and completion document review. Miller Legg also conducted a public outreach meeting prior to the start of construction. This project was completed under the firm's multi-year General Engineering Services contract.

City of West Palm Beach WPB Omar Road Improvements - Miller Legg provided surveying and engineering services associated with analysis of the existing drainage system from Omar Road north along Parker Avenue and west to Belvedere Road and I-95. This road experiences significant flooding during short duration high intensity storm events. Along with our surveying and geotechnical team members, the firm evaluated contributing factors, provided potential mitigation solutions and an opinion of probable costs for such prospective alternatives. This project is being completed under the firm's multi-year General Engineering Services contract.

City of West Palm Beach 32nd/33rd St. Water Main Improvements - Miller Legg provided surveying, underground utility locates, geotechnical engineering, civil engineering design and bidding assistance services for a 2,700 LF water and 2,000 LF gravity sewer 8" water main replacement project on 32nd Street and 33rd Street from Floral Avenue to N. Flagler Drive and on N. Flagler Drive from 32nd Street to 35th Street in the historic Northwood Shores district. The existing water mains were transite, undersized, and had reached the end of their useful life. The Basis of Design Report (BODR) and development of 30% plan scope involved the assessment of water main replacement, sanitary sewer replacement /relocation (from rear yard to street on 2 streets) and evaluation of storm drainage improvements. The project is located approx. 6,850 ft. north of Palm Beach Lakes Blvd. on the west side of N. Flagler Drive. Public outreach with affected residents took place and their concerns documented in advance of the construction phase. This project was completed under the firm's multi-year City of West Palm Beach General Engineering Services contract.

City of West Palm Beach Congress Avenue Water Main Relocation - Miller Legg provided civil engineering, construction administration and surveying services for the City of West Palm Beach for the design and general contractor assistance of a water main relocation project on Congress Avenue at the City's "F" Canal. Relocation of the existing 10" water main was required to accommodate a Palm Beach County (County) Roadway Improvement project, which includes replacement of the existing Congress Avenue "F" Canal Bridge with a double 66" RCP culvert system. Of the 300 LF of 12" water main, 26 LF is sleeved under a Lake Worth Drainage District canal. The existing 10" water main is attached to underside of the existing bridge that will be demolished. In addition, Miller Legg designed a liner to navigate under the City's Canal F to allow for future maintenance requirements, pipe protection during future dredging/ maintenance and ease of installation. The project is located on Congress Avenue between Okeechobee Boulevard and Ware Drive. Construction phase services included 3 times weekly site inspections, construction document clarification, change order response, shop drawing and sample review and approval, special inspections or testing, contractor pay application review, completion document review.

Las Olas Boulevard Improvements CM at Risk - Miller Legg is providing civil engineering, landscape architecture, survey and constructability preconstruction phase services and document review to Skanska USA Building Inc. for the $50 million Las Olas Boulevard Improvements project in Fort Lauderdale. The project is a partnership between the City of Fort Lauderdale and the Beach Community Redevelopment Agency (CRA) that will create a new gateway to Fort Lauderdale's Beaches. To create a more pedestrian oriented open space and corridor, the project includes roadway improvements, a 1,200 space parking garage, a 1-acre oceanfront park and a ½-mile Intracoastal waterfront pedestrian promenade. Miller Legg's services include project planning, constructability reviews, attending design and coordination meetings, cost estimating and value engineering. Assistance with the development of maintenance of traffic (MOT) plans for construction phasing is also part of the scope. This Improvements Construction Management at Risk (CMAR) project is a key component of the Central Beach Master Plan and City of Fort Lauderdale's 2035 Vision.

Memorial Hospital West Southwest Parking Garage and Roadway Improvements - Miller Legg provided surveying, site development design, permitting and construction administration/observation services for a six (6)-story parking garage with 1,477 spaces on the Memorial Hospital West campus in Pembroke Pines. Services included: subsurface utility engineering (SUE), surveying, site planning, campus-wide master stormwater study/improvements design/plans, on-site paving and drainage/water and sewer. Miller Legg also provided off-site roadway turn lane modifications and temporary access driveway engineering design/plans, site lighting photometrics, landscape planting and overall campus landscape mitigation design/plans, irrigation system modification design/plans, arborist and construction administration/observation services. Permitting agencies involved were the City of Pembroke Pines, South Broward Drainage District, South Florida Water Management District, FDOT and Broward County. Prior to design work, a topographic survey and campus utility infrastructure were mapped and coordinated with the owner and architectural design team for this expansion project and the enabling master stormwater, roadway modifications and infrastructure improvements.

City of Cocoa Beach CRA Minutemen Causeway - Minutemen Causeway is the "main street" within the Cocoa Beach Central Business District, providing a front door to City Hall and direct access to the beach. Over the last 30 years, development within the Minutemen Causeway corridor included a mix of commercial, residential, and lodging properties. This development drastically increased the impervious conditions of the corridor and significantly impacted the stormwater system within the area, causing regular flooding issues. Miller Legg's solutions for the Minutemen Causeway project was a holistic design approach to improve the stormwater / drainage issues, while invigorating the area's economy by creating a pedestrian-oriented beachfront promenade and streetscapes. The project consisted of significant landscape beautification and geometric modifications to the corridor to promote a pedestrian-friendly environment and to stimulate economic development. In conjunction with the redevelopment, the project included low-impact stormwater facilities to meet the Total Maximum Daily Load reduction requirements, as outlined within the Indian River Lagoon Basin Management Action Plan. These stormwater improvements included pervious paver sidewalks and parallel parking, bio-swales with native vegetation, and underground stormwater infiltration facilities with nutrient absorption materials. The entire project was a City pilot program for Low Impact Design (LID) and Best Management Practices (BMP) for stormwater management. Utilizing this innovative approach, this project was able to secure significant funding from the State.



Years of Experience: 41

Years With the Firm: 35

Registrations & Certifications:

Registered Professional Surveyor & Mapper, FL, 1998

Continuing Education:

Land Boundaries, 2018
Wetlands Delineation, 2018

Professional & Civic Activities:

Past Vice President, Florida Surveying & Mapping Society, Broward Chapter

Martin Rossi, PSM

Project Surveyor

Professional Experience:

Mr. Rossi is a Senior Project Surveyor with more than three decades of surveying and subsurface utility engineering (SUE) experience. His principal areas of experience include surveys such as boundary, topographic, ALTA/ACSM land title surveys, quantity, environmental and wetland, condominium, construction layout, as-built, right-of-way, specific purpose and subdivisions and platting, as well as subsurface utility engineering (SUE). He currently manages the survey department and the survey field crews in South Florida. Mr. Rossi is also an Associate with the firm.

Relevant Project Experience:

Lauderdale-By-The-Sea Church Survey Project - Miller Legg prepared a sketch and legal description for use in the preparation of a right-of-way easement.

Pine Island Road Improvements from Stirling Road to Sheridan Street Survey - A one-mile new roadway alignment project including preparation of Basis of Design Report (BODR), a traffic engineering study, subsequent final design and construction plans. Services provided include: roadway design, associated drainage, lighting, intersection and transit improvements, a traffic engineering study, signalization, pavement marking, utility adjustment, public involvement, maintenance of traffic, cost estimates, wetland permitting and negotiations with US Army Corps of Engineers, South Florida Water Management District, and wetland and tree permitting with Broward County Department of Environmental Protection. Surveying services for this project included: horizontal and vertical control, right-of-way and topographic surveys, and legal descriptions for right-of-way acquisitions.

Douglas Road Widening - A two-mile urban roadway project including preparation of Basis of Design Report (BODR), traffic engineering study, subsequent final design and construction plans. Design services included: roadway widening from existing two, three and four lanes to a four-lane divided roadway, associated drainage, lighting, intersection improvement, a traffic engineering study, signalization, pavement marking, utility adjustments, public involvement and coordination with adjacent property owners, maintenance of traffic and cost estimates. Other services involved control surveys for aerial photography, a right-of-way survey and map, location and topographic surveys for design, and preparation of legal descriptions for right-of-way acquisition.

Memorial Regional Hospital Design Build (D/B) Public Roadway Improvements and Parking Garage - Miller Legg provided site development design services for a new 7-story, 1,302-space parking garage located at Johnson Street and Garfield Street on the Memorial Regional Hospital campus in Hollywood. The parking garage included 570,330 SF of parking garage space, ground-floor retail, a courtyard, an auditorium, and hospital staff training room and offices. Associated off-site roadway and signal improvements were provided on Johnson Street along with roundabout modifications on Garfield Street at 35th Avenue. Specific services included: civil engineering, permitting, paving, drainage, water, sewer, traffic engineering, signalization, topographic survey, underground utility designations (SUE), landscape architecture, irrigation, and hardscape design, as well as construction observation. Miller Legg was a subconsultant to Zyscovich Architects and was on the Stiles/Thornton design/build team.

St. Lucie County Glades Cut-Off Road and Selvitz Road Intersection 400

- The intersection of Glades Cut-Off Road and Selvitz Road was an intersection improvement project located in rural St Lucie County. In addition to widening the roadway to include turn-lanes, the project would add sidewalk and bicycle lanes.
Miller Legg's services included: roadway design, associated drainage, traffic engineering analysis, traffic signal design to follow FDOT criteria, mitigation analysis and design, intersection improvements, signalization, pavement marking, utility adjustment, cost estimating, permitting, and coordination with Florida East Coast Railroad. The various agency interests for this project included the South Florida Water Management District, North Saint Lucie River Water Control District, Florida East Coast Railroad, and Saint Lucie County Engineering.

Las Olas Boulevard Improvements CM at Risk - Miller Legg is providing civil engineering, landscape architecture, survey and constructability preconstruction phase services and document review to Skanska USA Building Inc. for the $50 million Las Olas Boulevard Improvements project in Fort Lauderdale. The project is a partnership between the City of Fort Lauderdale and the Beach Community Redevelopment Agency (CRA) that will create a new gateway to Fort Lauderdale's Beaches. To create a more pedestrian oriented open space and corridor, the project includes roadway improvements, a 1,200 space parking garage, a 1-acre oceanfront park and a ½-mile Intracoastal waterfront pedestrian promenade. Miller Legg's services include project planning, constructability reviews, attending design and coordination meetings, cost estimating and value engineering. Assistance with the development of maintenance of traffic (MOT) plans for construction phasing is also part of the scope. This Improvements Construction Management at Risk (CMAR) project is a key component of the Central Beach Master Plan and City of Fort Lauderdale's 2035 Vision.

City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue - Miramar Parkway Streetscape Improvement project was a Local Agency Program (LAP)-funded revitalization project in the City of Miramar. The project entailed Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length. The project included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation. Miller Legg developed a master plan for this corridor, incorporating access management and shared commercial parking facilities to enhance the commercial viability of the corridor. Utilizing the master plan, extensive public outreach was conducted with the corridor stakeholder to establish consensus on the redevelopment and roadway plan.

Florida Atlantic University (FAU) Lee Street Roadway Project - Miller Legg was responsible for preparation of construction plans for a 1-mile four-lane divided street and a 1,600-space commuter parking area south of the new Lee Street location. Services provided included topographic surveying, tree surveys, environmental site assessment and permitting for relocation of gopher tortoise and burrowing owl locations. Master planning, civil engineering, electrical engineering for street lighting, mechanical engineering for a new chilled water main plant interconnection, landscape architecture and irrigation design plans, and assistance with utility coordination were part of this project. Miller Legg provided permitting services through South Florida Water Management District and Lake Worth Drainage District, as well as construction phase services. This project also required coordination with the Florida Fish and Wildlife Conservation Commission.

SR 817/University Drive @ Monterra Boulevard Roadway Improvements - For this major roadway improvement project in Cooper City, Miller Legg was involved in the roadway design, MOT, drainage design, street lighting, signing, pavement parking, landscape architecture, irrigation and permitting with local agencies including FDOT and Broward County, to design this major gateway entrance into Monterra. The firm is currently working on a water use permit for the project.

Broward County Aviation Department (BCAD) Terminal Exit Roadways - For this roadway system, the design team provided services including a full design survey covering approximately 50 acres of the Fort Lauderdale/Hollywood International Airport, including global positioning system (GPS) horizontal control, vertical control, three-dimensional digital terrain modeling, topographic survey, utility coordination and locations, aerial photography, and bridge and tree surveys. Miller Legg performed as a subconsultant to Reynolds, Smith & Hills, Inc.

Stirling and Davie Roads Property Plat - Miller Legg is providing planning, platting and surveying services for a +/- 5.8-acre unplatted site proposed townhome development in the Town of Davie. Planning tasks include the preparation of conceptual site and access plans, plat preparation and processing through the Town of Davie, Central Broward Water Control District, Florida Department of Transportation and Broward County, as well as plat recordation. In addition, the firm will notify, coordinate and participate in homeowner citizen participation meetings related to the site plan approval. Title review is being performed along with boundary and topographic surveys and an elevation certificate.

Evaluation Criteria Responses

A. Respondent's number of years in business.

Miller Legg has been in business for 54 years, celebrating 55 years on April 1, 2020.

B. Respondent's in-house expertise and applicability for the required services, including the demonstrated experience of the key officers and individuals proposed to be assigned to the TOWN contract.

Miller Legg has assembled a Team that covers each of the project elements as proposed in the RFQ. The Team's expertise has been shown on the resumes in the previous pages.

C. The scope, breadth, depth and quality of experience and past performance record on projects of similar type, size, quality and scope in Florida and elsewhere. Experience in completing projects and providing services similar to those required by the TOWN as demonstrated in project/service history descriptions.

Miller Legg has worked on roadway design projects for more than 30 years throughout South Florida, including municipalities such as Cooper City, Pembroke Pines, Miramar, Sunrise, Fort Lauderdale, just to name a few.

D. The degree to which the Respondent can provide services for the EL Mar Drive Project with in-house resources and the availability of those resources.

Miller Legg can provide all the required services in-house – we are a multi-disciplinary firm that can provide Civil Engineering, Landscape Architecture, Surveying and Environmental Services.

E. Respondent's dependence on outside contractors and the qualifications, licenses and references for any proposed subconsultants or subcontractors may be considered.

Miller Legg will not require any subconsultants for the El Mar Drive Design Project.

F. Respondent's ability to provide all services required in a timely manner, including Respondent's ability to respond quickly, efficiently and cost effectively.

For your El Mar Drive Design Project, our proposed project manager, Glen Harrelson commits to responding to the Town quickly, efficiently and cost effectively. The Miller Legg Team commits to providing all services in a timely manner.

G. Respondent's familiarity and success with permitting agencies and permitting procedures in South Florida.

Miller Legg has successfully worked with agencies throughout the State of Florida. For your El Mar Drive Design Project, we would coordinate permits through the following agencies:

- **Lauderdale By The Sea: Engineering and Building Department**
- **Broward County Dept of Planning and Environmental Permitting: Drainage System**
- **Florida Department of Transportation: Work within the State Roadways**
- **Broward County Highways Construction and Engineering Department: Pavement Marking and Signage & Traffic Signalization**

All of which where we have an established relationship and successfully worked with in the past.

H. The sufficiency of Respondent's staff to provide the required services.

Miller Legg is committed to offering the necessary resources to provide Lauderdale-By-The-Sea with a high quality design.

As Principal-In-Charge, Michael Kroll, RLA, FASLA, will be tasked with ensuring that the available resources are devoted to the required tasks, while Project Manager Glen Harrelson, PE, guarantees that the workload is completed on time and within budget. As professional consultants, we realize it is a critical component of our job to manage our workload and provide our clients with superior service. In submitting our qualifications to the Town, we announce our intention to follow through on your contract in this manner.

Miller Legg Team staff has significant capabilities for roadway design. We have included depth of our staff with experience in balancing the needs of vehicles, pedestrian and bicycles, as well as landscape and hardscape improvements of other public facilities. Our current staff utilization rate is 60%, which is below our capacity.

I. Past performance with other governmental jurisdictions and, if applicable, on TOWN projects (previous employment or contractual experience with the TOWN is not required).

As a firm that has been established since 1965, Miller Legg has developed long lasting relationships with many municipal clients. 85% of our clients are repeat clients – including City of Hollywood, City of Pembroke Pines and the City of Miramar. Part of our success to retaining repeat clients is due to our ability to adequately staff projects and communication between staff and clients. We work diligently to ensure that transparency is maintained with all stakeholders.

J. The location of the firm and the place from which the work is to be performed.

Miller Legg's corporate office is located at 5747 N. Andrews Way, Fort Lauderdale, and less than 5 roadway miles from the southern end of the El Mar Drive Design Project.

K. Past history of meeting required time frames.

Miller Legg is committed to meeting our client's project time frames. Michael Kroll will ensure that Lauderdale-By-The-Sea will have the Miller Legg Team's corporate commitment of staff and resources for this project.

L. Financial resources and capabilities.

Financial stability is achieved by applying successful strategies over time and being adaptable to changing markets and economies. Miller Legg has been in operation for 54 years. The firm is geographically diverse and has strength and expertise in numerous market sectors, including municipal markets. The company is employee owned and has the ability to generate capital through the sale of stock to employees. These factors, together, have established and continue to ensure the company's financial stability and success, ensuring our capability to provide the resources required of this El Mar Drive Design Contract.

M. Other factors considered relevant to analyze Respondent's expertise including as authorized or required by Florida Statutes.

Miller Legg is pleased to submit our qualifications for your consideration for the El Mar Drive Design Project.

RFQ FORMS

RFQ Form 2: REFERENCES

Respondent: Miller Legg & Associates

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

Give contact information for at least four individuals, corporations, agencies, or institutions for which you have performed work similar to what is proposed in this RFQ:

1. Name of Contact: Elkin Diaz
   Title of Contact: Transportation and Mobility Department Email: ediaz@fortlauderdale.gov
   Telephone Number: 954.828.6539 Fax Number: 954.828.5074
   Project: City of Fort Lauderdale Bayview Drive Stormwater & Drainage Improvement

2. Name of Contact: Joanie Regan
   Title of Contact: Stormwater Program Coordinator Email: jregan@cityofcocoabeach.com
   Telephone Number: 321.868.3219 Fax Number: 321.868.3378
   Project: City of Cocoa Beach CRA Minutemen Causeway

3. Name of Contact: Tracy Ward
   Title of Contact: Senior Stormwater Engineer Email: tward@wpb.org
   Telephone Number: 561.494.1120 Fax Number: 561.494.1116
   Project: City of West Palm Beach Gregory Road Green Streets LID Sanitary Sewer & Stormwater

4. Name of Contact: Arnaldo Delgado
   Title of Contact: Project Architect Email: adelgado@zyscovich.com
   Telephone Number: 305.372.5222 Fax Number: 305.577.4521
   Project: Memorial Regional Hospital Design Build (D/B) Public Roadway Improvements and Parking Garage









Miller Legg is committed to, and is able to, obtain and provide proof of insurance that meets the requirements specified in the Professional services contract (Exhibit 6).

Client#: 64012 MILLLEGG

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/29/2019

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).

PRODUCER
Greyling Ins. Brokerage/EPIC
3780 Mansell Rd. Suite 370
Alpharetta, GA 30022

CONTACT NAME: Trudy Henry
PHONE (A/C, No, Ext): 770.552.4225 FAX (A/C, No): 866.550.4082
E-MAIL ADDRESS: trudy.henry@greyling.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Hartford Accident & Indemnity Company	22357
INSURER B : Sentinel Insurance Company	11000
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Miller Legg
5747 N. Andrews Way
Fort Lauderdale, FL 33309

COVERAGES CERTIFICATE NUMBER: 19-20 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	X COMMERCIAL GENERAL LIABILITY			20SBUBU0728	11/01/2019	11/01/2020	EACH OCCURRENCE	$1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$1,000,000
							MED EXP (Any one person)	$10,000
							PERSONAL & ADV INJURY	$1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$2,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$2,000,000
	OTHER:							$
B	AUTOMOBILE LIABILITY			20UEGNM2047	11/01/2019	11/01/2020	COMBINED SINGLE LIMIT (Ea accident)	$1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR			20SBUBU0728	11/01/2019	11/01/2020	EACH OCCURRENCE	$5,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$5,000,000
	DED X RETENTION $10000							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N							
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N/A (Mandatory in NH)							
	If yes, describe under DESCRIPTION OF OPERATIONS below							

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is requir
For Proposal Purposes

CERTIFICATE HOLDER
Miller,Legg & Associates, Inc.
5747 N. Andrews Way
Ft. Lauderdale, FL 33309

CANCELLATION
SHOULD ANY OF THE ABOVE DES
THE EXPIRATION DATE THER
ACCORDANCE WITH THE POL

AUTHORIZED REPRESENTATIVE

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#S1846789/M1778301

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 5/2/2019

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

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

PRODUCER
McLaughlin Brunson
A Risk Strategies Company
12801 N CENTRAL EXPY, STE 1710
Dallas, TX 75243

CONTACT NAME: Brian R Hadar
PHONE (A/C, No, Ext): (214) 503-1212 FAX (A/C, No): (214) 503-8899
E-MAIL ADDRESS: certificate@mclaughlinbrunson.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Berkley Insurance Company	32603
INSURER B : Phoenix Insurance Company	25623
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Miller, Legg & Associates, Inc.
5747 N. Andrews Way
Fort Lauderdale FL 33309

COVERAGES CERTIFICATE NUMBER: 46480037 REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	CLAIMS-MADE OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N		✓	UB6N223779	5/1/2019	5/1/2020	✓ PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N/A (Mandatory in NH)						E.L. EACH ACCIDENT	$1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$1,000,000
							E.L. DISEASE - POLICY LIMIT	$1,000,000
A	Professional Liability		✓	AEC-9030102-00	2/21/2019	2/21/2020	Per Claim/ Annual Aggregate	$2,000,000

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

The claims made professional liability coverage is the total aggregate limit for all claims presented within the annual policy period and is subject to a deductible. Thirty (30) day notice of cancellation in favor of certificate holder on all policies.

CERTIFICATE HOLDER
Master 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
Brian Hadar

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46480037 | 19/20 MC/EL | Joy Carlson | 5/2/2019 11:56:18 AM (EDT) | Page 1 of 1

Miller Legg proposes modifications to Section 20 - Contractor's Responsibilities as outlined on the following page.



North Andrews Gardens Neighborhood Improvement Project was a 730-acre community, containing approximately 30 miles of roadway, located in unincorporated Broward County. Services provided in the first phase of the project included: a Basis of Design Report (BODR) that evaluated the existing conditions and recommended engineering and landscape architecture solutions. The design and construction administration portions of the project include the design, modeling of water distribution system, sanitary sewer transmission system and stormwater system, construction / contract administration and public information, permitting of the water, sanitary sewer, drainage and roadway improvements, preparation of bidding documents, as well as the design of landscaping, irrigation and entry sign features for the neighborhood. Services provided by Miller Legg also include control surveys for aerial photography-tied United States geological survey (USGS) monumentation, right-of-way surveys, topographic surveys, South Florida Water Management District and Broward County Department of Urban Planning and Redevelopment surface water permitting, Florida Department of Transportation permitting and design of traffic calming elements. Miller Legg assisted Broward County in obtaining approval for two grants, $4 million and $1.8 million, respectively, from the Federal Emergency Management Agency (FEMA) for the drainage improvement portions of the project. Construction phase services included weekly site inspections, construction document clarification, change order response, shop drawing and sample review and approval, special inspections or testing, contractor pay application review, completion document review.

Exhibit 6: Standard Professional Services Contract

adequate for construction, as applicable, and shall comply with all applicable TOWN Codes, county, state and federal laws, rules and regulations.

20.2 The CONTRACTOR shall exercise the same degree of care, skill and diligence in the performance of the services for each Work Authorization as is ordinarily provided by a professional engineer, architect, landscape architect, surveyor or mapper, as applicable, under similar circumstances. If at any time during the term of any Work Authorization or the construction of a specific project for which the CONTRACTOR has provided engineering, architectural landscape, architectural, surveying or mapping services under a prior Work Authorization, it is determined that the CONTRACTOR's documents are ~~incorrect, defective~~ or fail to conform to the Scope of Services of the particular Work Authorization, upon written notification from the TOWN, the CONTRACTOR shall immediately proceed to correct the work, re-perform services that failed to satisfy the foregoing standard of care, ~~and shall pay all costs and expenses associated with correcting said incorrect or defective work, including any additional testing, inspections, and construction and reimbursements to the TOWN for any other services and expenses made necessary thereby, save and except any costs and expenses which the TOWN would have otherwise paid absent the CONTRACTOR's error or omission.~~ The TOWN's rights and remedies under this section are in addition to, and are cumulative of, any and all other rights and remedies provided by this Agreement or the Work Authorization, in equity or otherwise.

20.3 The CONTRACTOR'S obligations under Paragraph 20.2 of this Agreement shall survive termination of this Agreement or Work Authorization.

20.4 CONTRACTOR shall comply with all laws, ordinances, and governmental rules, regulations and order, now or at any time during the term of the Agreement, which are applicable to or which affect the work performed under this Agreement or any Work Authorization or any procedures of the CONTRACTOR for such work.

20.5 CONTRACTOR shall be responsible for technically deficient designs, reports, or studies due to CONTRACTOR's errors and omissions, and shall promptly correct or replace all such deficient design work due to CONTRACTOR's errors and omissions without cost to TOWN upon the request of the TOWN. CONTRACTOR shall also be responsible for the cost of correcting deficient construction, which was built from technically deficient designs. Payment in full by the TOWN for work performed does not constitute a waiver of this provision.

SECTION 21. SUBCONTRACTORS

RFQ FORMS

RFQ FORM 3: RESPONDENT'S CERTIFICATION

Respondent: **Miller Legg & Associates**

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

The undersigned guarantees the truth and accuracy of all statements and the answers contained herein.

I have carefully examined the Request for Qualifications referenced above ("RFQ") and any other documents accompanying or made a part of this RFQ.

I hereby propose to furnish the goods or services specified in the RFQ. I agree that my response will remain firm for a period of 150 days in order to allow the TOWN adequate time to evaluate the responses.

I certify that all information contained in this response, which includes the TOWN required RFQ forms A, B, C, D and E is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

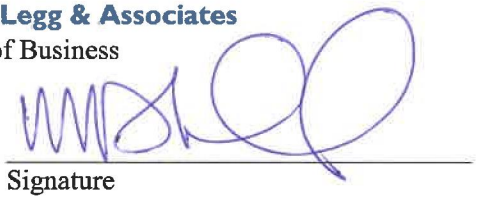
Respondent hereby authorizes the TOWN, its staff or consultants, to contact any of the references provided in the response and specifically authorizes such references to release, either orally or in writing, any appropriate data with respect to the firm offering this response.

I further certify, under oath, that this response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a response for the same product or service; no officer, employee or agent of the TOWN or any other proposer has a financial interest in said response; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters herein contained and was duly authorized to do so.

If this response is selected, I understand that I will be expected to execute the TOWN's standard Professional Services contract, in the form approved by the Town Attorney.

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes 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, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017 Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list. I further certify, under oath, that neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholder, employees, members or agents active in the management of the entity has been convicted of a public entity crime subsequent to July 1, 1989.

Miller Legg & Associates
Name of Business

By: 
Signature

Michael Kroll, RLA, FASLA, President
Printed Name and Title

5747 N. Andrews Way
Fort Lauderdale, FL 33309
Mailing Address

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 4: SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A). FLORIDA STATUTES ON PUBLIC ENTITY CRIME

TO BE VALID, THIS FORM SHALL BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted to The Town Commission of the Town of Lauderdale-By-The-Sea, Florida by: **Michael Kroll, RLA, FASLA, President**
(print this individual's name and title)
for **Miller Legg & Associates**
(print name of entity submitting sworn statements)

Whose business address is: **5747 N. Andrews Way**
Fort Lauderdale, FL 33309

And, if applicable, whose Federal Employer Identification Number (FEIN) is **65-0563467**. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____-___-_____.

2. I understand that a "public entity crime" as defined in paragraph 287.133(1)(a}, Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transactions of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a Jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:

    1. A predecessor or successor of a person convicted of public entity crime; or
    2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter

into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in a relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or any affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months. AND (Please indicate which additional statement applies).

_____ There has been a proceeding concerning the conviction before a hearing officer in the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order).

_____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list (Please attach a copy of the final order).

_____ The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Florida Department of General Services).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THE PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED AND FOR THE PERIOD OF THE CONTRACT ENTERED INTO, WHICHEVER PERIOD IS LONGER. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

Date: **February 3, 2020**

_____
(Signature)

STATE OF FLORIDA
COUNTY OF: Broward
Sworn and subscribed before me this day **3rd of February, 2020** by **Michael Kroll**, who is **Personally known** to me Or who produced identification (Type of Identification)

_____
(Signature) Notary Public-State of Florida
Marina Hannwacker
(Printed, typed or stamped commissioned name of notary public)

Marina Hannwacker
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG189607
Expires 3/13/2022

My commission expires 3-13-22 (SEAL)

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 5: NO FINANCIAL INTEREST STATEMENT

The undersigned guarantees the truth and accuracy of this statement.

The Respondent recognizes and certifies that no elected official, board member, or employee of the Town of Lauderdale-ByThe-Sea (the "Town") shall have a financial interest directly or indirectly in this RFQ, related contract, if any, or any compensation to be paid under or through these matters, and further, that no Town employee, nor any elected or appointed officer (including Town board members) of the TOWN, nor any spouse, parent or child of such employee or elected or appointed officer of the TOWN, may be a partner, officer, director or proprietor of Respondent, and further, that no such TOWN employee or elected or appointed officer shall be employed by the firm or receive any compensation from the firm for a period of at least twelve (12) months after leaving the employ or agency of the TOWN.

Miller Legg & Associates
Name of Business

By: _____
Signature

Michael Kroll, RLA, FASLA, President
Print Name and Title

5747 N. Andrews Way
Fort Lauderdale, FL 33309
Mailing Address

Addendum No. 1

To RFQ 20-01-01

El Mar Drive Design

Date of Issuance: January 14, 2020

Proposers are hereby notified that this Addendum No.1 shall be attached to and made part of the above named Request for Qualifications 20-01-01 ("RFQ") issued on January 6, 2019.

This Addendum No. 1 is issued to add to, delete from, modify, clarify and/or amend the RFQ. The items contained in this Addendum No. 1 shall have full force and effect as part of the RFQ and shall prevail to the extent of any conflict with the original RFQ. Proposals to be submitted on or before the specified due date shall conform to the additions and revisions contained herein.

The Proposer shall acknowledge receipt of this Addendum No. 1 by including a signed copy of this form in each Proposal. This Addendum No. 1 consists of two (2) pages.

***

3. "Description of Work" of the RFQ is hereby amended to include the following language:

A. GENERAL INFORMATION ABOUT THE TOWN'S PROJECT

***

El Mar Drive is a signature street in the heart of LBTS. El Mar extends both north and south out of the downtown core of LBTS. El Mar is vital to the tourism industry in the Town.

This El Mar revitalization project needs to address the functional needs of the vehicular, pedestrian and bicycle traffic that utilizes this beachfront roadway. This Project should also address the beautification of El Mar, including landscape/irrigation, lighting and hardscape improvements to the roadway corridor.

Respondents to this RFQ will be expected to conduct community outreach meetings to build consensus among the adjacent hotel owners, the residents and the business community for the ultimate design of the El Mar Drive improvements. The respondents to this RFQ must show in their response package a minimum of 15 years of similar roadway and streetscape improvement projects and a corresponding 15 years of experience with community consensus building on similar type projects.

6. "MINIMUM REQUIRED EXPERIENCE & QUALIFICATIONS" shall be amended to read as follows:

***

General Requirements

***

C. Have at least fifteen (15) years of experience in providing engineering services to local governments. Have a minimum of 15 years of similar roadway and streetscape improvement projects and a corresponding 15 years of experience with community consensus building on similar type projects

D. The person proposed to be assigned to manage the TOWN contract shall be a registered professional engineer or professional landscape architect with the State of Florida and shall provide his or her license number in the response.

Miller Legg & Associates
Name of Business

By: _____
Signature

Michael Kroll, RLA, FASLA, President
Print Name and Title

5747 N. Andrews Way
Fort Lauderdale, FL 33309
Mailing Address

As per the RFQ requirements, our response does not include rates or fees for any service. The Town Manager will negotiate fees that the TOWN determines to be fair, competitive and reasonable with the Selected Firm.



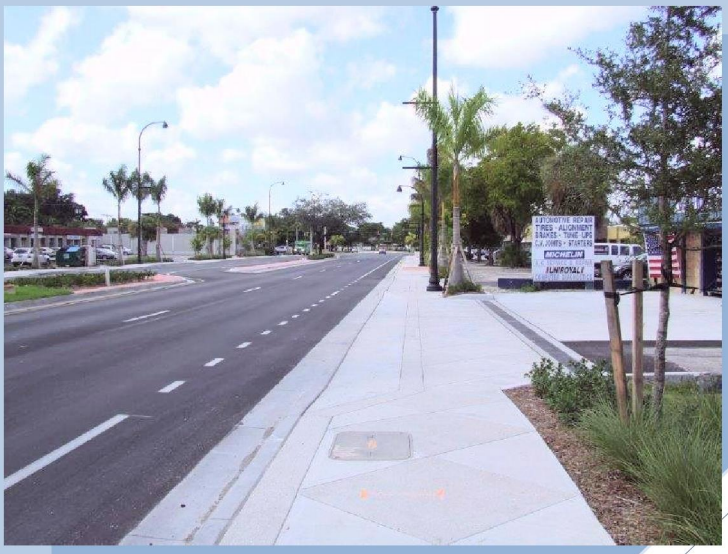
Pembroke Pines Taft Street Improvements - Improvements were made to a one-mile section of Taft Street from Douglas Road west to Palm Avenue in the City of Pembroke Pines. The improvements included: repaving the four-lane divided roadway, widening the existing pavement, adding brick pavers to the medians, filling of the existing drainage canal, construction of a drainage collection system, adding a new curb and gutter, relocation of an existing guardrail, addition of topsoil and sod within the medians, and restriping the roadway. This roadway improvement project is one of numerous roadway improvement projects undertaken within the city limits. Miller Legg also provided services including cost estimating, roadway design, traffic design, drainage, surveying, and landscape architecture.

By submitting our response, Miller Legg warrants and represents that:

A. Miller Legg has given TOWN written notice of all conflicts, errors, ambiguities, or discrepancies that Miller Legg has discovered in this RFQ and any addenda thereto, and the written resolution thereof by the TOWN is acceptable to Miller Legg.

B. The RFQ is generally sufficient in detail and clarity to indicate and convey understanding of all terms and conditions for the performance of the response that is submitted.

C. No person has been employed or retained to solicit or secure award of the contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, and no employee or officer of the TOWN has any interest, financially or otherwise, in this RFQ or related contract.



Miramar Parkway Streetscape Improvement project was a Local Agency Program (LAP)-funded revitalization project in the City of Miramar. The project entailed Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length. The project included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation. Miller Legg developed a master plan for this corridor, incorporating access management and shared commercial parking facilities to enhance the commercial viability of the corridor. Utilizing the master plan, extensive public outreach was conducted with the corridor stakeholder to establish consensus on the redevelopment and roadway plan.



MILLER LEGG
IMPROVING COMMUNITIES. CREATING ENVIRONMENTS.

Contact:
Michael Kroll, RLA, FASLA, President
5747 N. Andrews Way
Fort Lauderdale, FL 33309
954.436.7000
mkroll@millerlegg.com





Lauderdale-By-The-Sea

RFQ 20-01-01

El Mar Drive Design



Submitted by:
AECOM Technical Services, Inc.
3201 West Commercial Boulevard, Suite 134
Fort Lauderdale, FL 33309

Erik A. Boyer, PE
Project Manager
D 561-962-0892
erik.boyer@aecom.com

February 3, 2020

AECOM Imagine it. Delivered.

Town of **Lauderdale-By-The-Sea**
RFQ 20-01-01

El Mar Drive Design

Submitted by
AECOM Technical Services, Inc.
3201 West Commercial Boulevard, Suite 134
Fort Lauderdale, FL 33309

Erik A. Boyer, PE
Project Manager
D +561-962-0892
erik.boyer@aecom.com

February 3, 2020

AECOM
3201 West Commercial Boulevard,
Suite 134
Fort Lauderdale, FL 33309
Tel 561-962-0892
www.aecom.com

February 3, 2020

Tedra Allen, CMC, Town Clerk
Town Hall
4501 N. Ocean Drive
Lauderdale-By-The-Sea, FL 33308

Re: Town of Lauderdale-By-The-Sea, RFQ 20-01-01 El Mar Drive Design

Dear Selection Committee Members:

AECOM Technical Services, Inc. (AECOM) is pleased to present our credentials for providing design services for the above-referenced project. We have assembled a comprehensive, locally experienced, and diverse team of professionals to serve the Town of Lauderdale-by-the-Sea. We are a full-service Architecture/Engineering (A/E) firm with over 1,400 talented people throughout Florida. We pride ourselves on providing our clients with design services that bring their projects in on time and within budget, while designing for safety, aesthetics, and innovation. Our work is solid, and our team members are reliable and responsive. The AECOM team can provide:



- **A Company with a Long History of Success:** Transportation and infrastructure have been our bread-and-butter work since opening major, permanent operations through our legacy firms in Florida in 1957. Of particular relevance, we have served dozens of county and municipal clients statewide in addition to all FDOT Districts. In a number of cases, these services have been continuous for over 70 years. This longevity attests to the high caliber of our services and our commitment to our clients. AECOM was ranked in **Engineering News-Record (ENR)** magazine's 2019 annual industry rankings as the #2 top engineering design firm and the #1 for transportation by revenue.

- **Experienced In-house Staff:** The AECOM team proposed for this assignment has well over 30 years collectively in designing roads and pedestrian infrastructure, construction management, and contract management experience. The AECOM team also brings significant experience working on municipal and FDOT projects locally and around the state, so the implementation of state and local requirements will be second nature.

  We assign our staff to projects based on matching their particular skills and qualifications to the project at hand. The team we are proposing is well-versed in providing roadway design that adheres to state and local guidelines, and also in proactive, effective communication with the Town to avoid delays and budget over-runs. Our **Project Manager, Erik A. Boyer, PE**, has served in a similar capacity for similar roadways. He is extremely well organized and experienced in managing these types of projects.

- **Similar Experience:** AECOM has included in this qualifications package our experience with similar projects in the area. We are experts in providing professional design services for any type of transportation project: no job is too large or too small. Our team has experience with municipal roadways and bridges as well as expressways, interchanges, and complex bridges, . AECOM has a large presence of exceptional infrastructure experience in Florida, which offers our clients access to engineers that can respond to any design issues that may arise.

- **Demonstrated Performance:** Our success is demonstrated through the repeat business that we receive from our long-term clients. We do understand that references are of the utmost importance in communicating our abilities to you and encourage the Town to contact our current and recent clients as presented in this Proposal to discuss our successful performance in delivering similar projects.

- **Available Key Personnel:** The locally chosen AECOM team members are leaders in transportation planning and design and were handpicked for this project due to their history of success, local presence, expertise, availability, and ability to deliver excellence. All staff assigned to this project are available to the Town for the duration of your project, as necessary.

- **Specialty Subconsultants hand-picked for this Job:** Our subconsultants, Atkins North America, Inc., Infinite Source Communications Group, LLC, GeoSpatial, Inc., Manuel G. Vera & Associates, Inc., and Tierra South Florida, Inc. have been chosen based on their knowledge of the areas of Landscape Architecture, Lighting, Public Involvement, Photogrammetry, Survey, Subsurface Utility Exploration, and Geotechnical Investigation, respectively, servicing clients in the South Florida area for many years.

- **Committed to Schedule:** Our successful history of delivering these types of projects stems from continual refinement of our management and technical strategies coupled with innovative solutions. We take ownership for solving our clients' problems, anticipating new opportunities, and setting industry standards for design and post design services and delivery. We believe that cultivating a good relationship with our client allows issues to be resolved quickly and inexpensively. We will listen to you and the results will be the design you desire the first time.

- **Local Experience:** AECOM will staff this project with personnel based in our Fort Lauderdale office. These professionals are experienced in designing projects in the tri-County area, such as **El Mar Drive from Palm Avenue to Pine Avenue, SR-816/Oakland Park Boulevard from SR-817/University Dr to SR-5/US-1, SR-816/Oakland Park Boulevard Mobility**, and **SR-80/Southern Boulevard from**

Washington Road to SR-A1A/South Ocean Boulevard, among others. Our team is knowledgeable of local and state permitting agencies and procedures.

We understand the Town is looking for a consultant that will pledge its commitment, develop lasting relationships, and supply high-caliber personnel to effectively complete this design project and meet scope requirements. The following responds to the specific information requested in the RFP.

a. AECOM is Qualified and Willing to Perform the Following Services

AECOM has all of the inhouse resources to provide all of the services listed in the RFP, including design of roadway improvements, storm sewer, bike lanes, sidewalk improvements, pedestrian lighting and other utilities; land surveying; site planning and evaluation; preparation of plans, reports, and analyses; permitting; specifications and/or bid preparation; and construction management, supervision, inspection and administration. In addition, our proposed team is 100% available to see this project through to a timely and successful completion.

b. Firm Licenses

AECOM has the following State of Florida licenses (copies of these licenses are included in the appendix): Engineering Registry (#8115); Surveyor & Mapper (#LB7860), Landscape Architecture (#LC26000395), Architecture (#AA26000687), Geology (#GB329). Subconsultants include: Atkins North America, Inc. (Engineering Registry #24, Landscape Architecture LCC000052); GeoSpatial, Inc.; Manuel G. Vera & Associates, Inc. (Survey and Mapping #LB2439; Infinite Source Communications Group (No Licensing); Tierra South Florida, Inc. (Engineering Registry #28073).

c. Identify any supplemental materials that have been included that might enhance the TOWN's understanding of the firm and its capabilities and experience in light of the qualification evaluation criteria.

Following this letter, we have provided the following: Organizational Profile, Qualifications And Experience (RFQ Form 1, Exhibit 1) including organziational chart and team resumes, References (RFQ Form 2), Insurance, Professional Services Contract, Additional Forms, Compensation, and Representations and Warranties.

d/e/f. Authorized Representative during Evaluation. Contract Administrator, and Project Manager f their title, email address, and telephone number.

Erik A. Boyer, Project Manager, erik.boyer@aecom.com, 561-962-0892. Mr. Boyer has extensive experience in the planning, design, and project management of public transportation facilities since 2005. His design experience includes preparation of roadway design variations and exceptions, technical reports, pavement design, geometric design, drainage analysis, permitting, signing and pavement markings, complex maintenance of traffic, signalization, utility coordination, and construction support. Previous experience includes Project Manager/Engineer of Record for El Mar Drive from Palm Avenue to Pine Avenue; Project Manager for SR-80/Southern Boulevard from Washington Road to SR-A1A/South Ocean Boulevard, Engineer of Record for Ravenswood Road/Anglers Avenue from SW 45th Street to SW 42nd Street ; and Engineer of Record for SR-400/Interstate 4 Ultimate Design Build Project from West of Kirkman Road to East of SR-434; amongst other projects serving as Engineer of Record.

g. AECOM's Authorized Signatory

Carlos Garcia, PE, Vice President, Florida Transportation State Lead, carlos.garcia@aecom.com, D: 305.514.2412 C: 305.216.5324

AECOM is the Right Choice

The following information in this qualifications package will provide a better understanding of our successes. We look forward to the opportunity to discuss our qualifications and ideas with you in more detail. Should you have any questions or require additional information, please feel free to contact me at 305.216.5324 at your convenience.

Respectfully submitted,

AECOM Technical Services, Inc.



Carlos Garcia, PE
Vice President and Authorized Signatory



Erik A. Boyer, PE
Project Manager

Table of Contents

1. Title Page....1
2. Letter of Transmittal....2
3. Table of Contents....4
4. Organizational Profile, Qualifications and Experience (RFQ Form 1, Exhibit 1)....5
Organizational Chart....12
Resumes....13
Erik A. Boyer, PE---- 13
Gorky Charpentier, PE, CGC---- 15
Bruno J. Fiori, PE---- 17
Saul Perez, PE---- 19
Harry L. Belton RLA---- 21
Grant Denty---- 23
Monica Diaz---- 25
Juan Carlos Garcia, PE---- 27
Bryan Haskell---- 29
Jason L. Keese, RLA---- 30
Raj Krishnasamy, PE---- 32
Thiago Ortiz---- 34
Frank Paruas---- 35
Jose Polo, PE---- 37
Orlando Ramirez, PE---- 39
Jesse Richterkessing, PE---- 41
Mark R. Sowers, PSM---- 43
Keith Stannard---- 45
Luis Tejada, PE---- 47
Pedro Trevin, PE, LEED AP, LC---- 49
Manuel G. Vera, Jr., PSM---- 51
5. References (RFQ Form 2)....53
6. Insurance....54
7. Professional Services Contract....56
8. Additional Forms....57
RFQ Form 3: Respondent's Certification....57
RFQ Form 4: Sworn Statement Pursuant to Section 287.133(3)(A) Florida Statutes on Public Entity Crime....59
RFQ Form 5: No Financial Interest Statement....62
9. Compensation....63
10. Representations and Warranties....64

Organizational Profile, Qualifications and Experience

(RFQ Form 1, Exhibit 1)

4. Organizational Profile, Qualifications and Experience (RFQ Form 1, Exhibit 1)

A. RFQ FORM 1: QUALIFICATIONS STATEMENT

Proposer: AECOM Technical Services, Inc.

1. State the full and correct name of the partnership, corporation or trade name under which you do business and the address of the place of business. (If a corporation, state the name of the president and secretary. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.)

a. The correct and full legal name of the Respondent is:
AECOM Technical Services, Inc.

b. The business is a (Sole Proprietorship) (Partnership) (Corporation).
Corporation

c. The names of the corporate officers, or partners, or individuals doing business under a trade name, are as follows:
Officers
Roger Wiederkehr, President
Keenan Driscoll, CFO & Treasurer
Charles Szurgot, Secretary

2. Please describe your company in detail:

a. Number of employees;
b. 86,000
c. Number of years your organization been in business; and,
d. 29 years
e. The organization's specialty.
Engineering, Architecture, Planning, Environmental, Landscape Architecture, Survey

3. The contact information (address, telephone and fax) of the principal place of business:

300 South Grand Avenue
Suite 1100
Los Angeles, California 90071
Phone: 213-593-8000
Fax: 213-593-8178

4. The contact information (address, telephone and fax) of the closest business location to TOWN if different than number 3:

3201 West Commercial Boulevard, Suite 134
Fort Lauderdale, FL 33309
Phone: 561-962-2578
Fax: N/A

5. Name and title of employees to be assigned to the Town contract, if awarded:

Team Member	Title	Role
Erik A. Boyer, PE	Project Manager	Project Manager
Gorky Charpentier, PE, CGC	Senior Project Manager	Deputy Project Manager
Bruno J. Fiori, PE	Senior Project Manager	Quality Assurance Officer - Roadway
Saul Perez, PE, SE	Senior Project Manager	Quality Control Officer – Miscellaneous Structures
Harry L. Belton, RLA	Senior Landscape Architect	Landscape Architecture
Grant Denty	Utility Coordinator	Utility Coordination
Monica Diaz	Community Outreach Specialist	Public Involvement
Juan C. Garcia, PE	Senior Transportation Engineer	Drainage
Bryan Haskell	Transportation Designer	Roadway/Temporary Traffic Control
Jason Keese, RLA	Senior Landscape Architect	Landscape Architecture
Raj Krishnasamy, PE	Geotechnical Engineer	Geotechnical
Thiago Ortiz	Roadway Designer	Signing & Pavement Marking
Frank Paruas, PSM	Senior Photogrammetrist	Photogrammetry
Jose Polo, PE	Construction Inspector Engineer	Construction Services
Orlando Ramirez, PE	Senior Transportation Engineer	Signing & Pavement Marking
Jesse Richterkessing, PE	Senior Structural Engineer	Miscellaneous Structures
Mark Sowers, PSM	Chief Surveyor/Mapper	Survey/Mapping/SUE
Keith Stannard	Senior Environmental Scientist	Permitting
Luis Tejada, PE	Senior Transportation Engineer	Roadway
Pedro Trevin, PE, LEED AP, LC	Senior Lighting Engineer	Lighting
Manuel G. Vera, Jr., PSM	Chief Surveyor/Mapper	Survey/Mapping/SUE

6. Company identification numbers for the Internal Revenue Service:

95-2661922

7. Broward County business tax receipt number, if applicable, and expiration date:

319-299816

8. List the last three project of this nature that the firm has completed? Please provide project description, reference and cost of work completed.

1. SR-816/Oakland Park Boulevard Mobility [Various Roadways within the City of Lauderhill and City of Fort Lauderdale]. Project consisted of roadway widening to accommodate designated bike lanes, drainage improvements, and sidewalk reconstruction. Binod Basnet, PE, FDOT Project Manager, $3.4 Mil
2. SR-816/Oakland Park Boulevard from SR-817/University Dr to SR-5/US-1. Project consisted of minor bridge widening along SR 817/University Drive to accommodate designated bike lanes, signalization, and bus shelter improvements. Binod Basnet, PE, FDOT Project Manager. $1.3 Mil
3. SR-80/Southern Boulevard from Washington Road to SR-A1A/South Ocean Boulevard. Project consisted of roadway reconstruction, drainage, signalization, decorative lighting, landscape, bridge replacement of a movable bridge over the Atlantic Intercoastal Waterway and a fixed bridge over the Tide Relief canal. Vanita Saini, PE, FDOT Project Manager. $92.1 Mil

9. Have you ever failed to complete any work awarded to you? If so, where and why?

AECOM Technical Services, Inc. performs thousands of contracts each year. From time to time, occasions arise when it does not complete the performance of an awarded contract. These situations include (i) where a client terminates the contract for its convenience; e.g. where the client is unable to secure continued funding for the underlying project and, as a result, terminates the associated contract, (ii) where AECOM Technical Services, Inc. ceases performance under the contract in accordance with the applicable terms of the contract in response to the client's nonpayment or other breach, and the contract is ultimately terminated; and (iii) where one of the contracting parties terminated the contract for default.

Upon knowledge and belief, formed after reasonable inquiry, within the past five (5) years, AECOM Technical Services, Inc. (i) has not failed to complete a contract where the other party to such contract was not in breach unless the contract afforded AECOM Technical Services, Inc. that right and (ii) AECOM Technical Services, Inc. has not had a contract terminated by a client wherein that termination was ultimately determined to be other than for convenience, except in the following instances:

In March of 2016, ATS received a Notice of Termination for Cause from Atlantic City Electric, a PHI Company, on a Substation Project. AECOM disagrees with the purported basis for the notice and is contesting this notice.

10. Provide the following information concerning all contracts that are similar in nature or use the same project team proposed for this contract that are *in progress* as of the date of submission of this Response.

Name of Project	Contract with:	Contract Amount	Estimated Completion Date	% of Completion to Date
Seminole Pratt Whitney Road	Palm Beach County	292K	3/31/2020	95%
SR-80 Landscape	FDOT	80K	3/1/2021	80%
El Mar Drive	FDOT	234K	TBD	60%

Provide the following information for any sub-contractors you propose to engage if awarded a contract.

Subcontractor Name	Contact Information	Work to be Performed
Atkins North America, Inc.	(954) 733-7233	Landscape Architecture, Lighting
GeoSpatial, Inc.	(407) 937-0896	Photogrammetry
Infinite Source Communications Group, LLC	(305) 573-0089	Public Involvement
Manuel G. Vera & Associates, Inc.	(305) 221-6210	Survey/Mapping/SUE
Tierra South Florida, Inc.	(561) 687-8536	Geotechnical

The foregoing list of subcontractors may not be amended after award of the contract without the prior written approval of the Town Manager, whose approval shall not be unreasonably withheld.

B. Following Form 1, Provide 5he Following Information in the Order Requested in the Format of Your Choosing

Considerable relevant experience that demonstrates both the experience and capability of particular personnel who will actually perform the work.

See Attached Resumes

Include the work that the firm has done within the past ten (10) years for other governmental entities. Describe the work performed, and the year and amount of time the firm was engaged. Provide contact information for each.

Lakeshore Blvd	
Client	City of Kissimmee
Contact Name	Steve Lackey
Address	101 N. Church Street, 3rd Floor, Kissimmee, FL 34741
Phone Number	(407) 518-2501
Email	slackey@kissimmee.org
Nature of Work - AECOM has led the planning and design of this half mile waterfront roadway. Lakeshore Boulevard, a rural section roadway, has been re-imagined into an urban street made of brick, traffic calming devices and adjacent park amenities. The design used the full potential of the existing right-of-way to create usable public park space adjacent to Lake Tohopekaliga (Lake Toho). The street drainage has been designed to be directed into planted basins to cleanse the urban runoff before it discharges into Lake Toho. The use of brick streets, raised intersections, narrow lane widths and street trees provide a safe place to drive, walk and bike. A wide sidewalk promenade along the lake edge provides park users with a safe place to stroll along the lake that connects to Lakefront Park, downtown Kissimmee and nearby residential areas. A public involvement process was utilized to engage the local community as a way to provide necessary feedback on design ideas. Views of the lake from nearby homes was an important topic among meetings, views have been preserved along the corridor. Poor roadway drainage was also addressed and overcome with a solution that integrates into the overall design of the street.	
Consultant Fee	$900,000
Construction Fee	$11,000,000
Lakeshore Drive	
Client	City of Kissimmee
Contact Name	Steve Lackey
Address	101 N. Church Street, 3rd Floor, Kissimmee, FL 34741
Phone Number	(407) 518-2501
Email	slackey@kissimmee.org
Nature of Work - AECOM led the planning and design of the 25 acre Lakefront Park in Kissimmee, FL. The first phase of the park project was to design and implement the surrounding streets. The repositioned street network around the park has led to an increase of economic development, pedestrian safety and park visitors. These streets were designed to provide traffic calming, be aesthetically pleasing and be constructed with brick, a material that is used throughout the City. Also, these streets were designed to be “Green Streets”. The stormwater is directed into planted basins that help cleanse the urban runoff before it flows into Lake Tohopekaliga (Lake Toho). This Green Street approach to roadway design has led to improved water quality and has been recognized by the Florida Stormwater Association as an award winning project. As growth continues in Kissimmee, many new mixed use projects are developing along Lakeview Drive. Lakefront Park and Lakeview Drive provide a perfect front door address for new urban development.	
Consultant Fee	$850,000
Construction Fee	$9,000,000

Eustis Streetscapes	
Client	City of Eustis
Contact Name	Rick Gierok, PE
Address	P.O. Drawer 68, Eustis, FL 32727-0068
Phone Number	(352) 483-5480
Email	gierokr@ci.eustis.fl.us
Nature of Work - AECOM led the planning and design of the 25 acre Lakefront Park in Kissimmee, FL. The first phase of the park project was to design and implement the surrounding streets. The repositioned street network around the park has led to an increase of economic development, pedestrian safety and park visitors. These streets were designed to provide traffic calming, be aesthetically pleasing and be constructed with brick, a material that is used throughout the City. Also, these streets were designed to be "Green Streets". The stormwater is directed into planted basins that help cleanse the urban runoff before it flows into Lake Tohopekaliga (Lake Toho). This Green Street approach to roadway design has led to improved water quality and has been recognized by the Florida Stormwater Association as an award winning project. As growth continues in Kissimmee, many new mixed use projects are developing along Lakeview Drive. Lakefront Park and Lakeview Drive provide a perfect front door address for new urban development.	
Consultant Fee	$200,000
Construction Fee	$2,000,000
Edmor Road/Lakewood Road Phase 2	
Client	City of West Palm Beach
Contact Name	Tracy Ward, PE
Address	401 Clematis Street, West Palm Beach, FL 33401
Phone Number	(561) 494-1120
Email	tward@wpb.org
Nature of Work - Master Plan within the adjacent Edmor Road and Lakewood Road Basins located on the south side of the City. While the main focus of the project was to implement the Stormwater Master Plan, the project also included upgrades to the existing water distribution and wastewater systems as well as the addition of landscaping and new street lighting within the approximately 1.2 mile long project limits. Major project components included hydraulic modeling, permitting, construction plans and technical specifications.	
Consultant Fee	$140,332
Construction Fee	No Construction (Estimated at $6,764,000)
Davie Road Improvements	
Client	Town of Davie Community Redevelopment Agency
Contact Name	Giovanni Moss
Address	6591 Orange Drive, Davie, FL, 33314
Phone Number	(954)797-1226
Email	
Nature of Work - The project involves approximately 2,800 feet of roadway corridor improvements to calm traffic, improve pedestrian and bicycle mobility, and provide additional landscaping with irrigation. Project components include the addition of medians and left turn lanes, intersection modifications, bicycle lanes, landscaping, irrigation from new groundwater well supply, lighting, drainage, and permitting.	
Consultant Fee	$483,600
Construction Fee	Under Design

Note: If a firm has not been in existence for ten (10) years, or the personnel who are proposed to be assigned to the TOWN's contract have the requisite experience with another firm, list the work by both the firm and the personnel.

Not Applicable.

Include documentation indicating that the firm or individual is authorized to do business in the State of Florida and, if a corporation, is incorporated under the laws of one of the States of the United States.

Florida Department of State — Division of Corporations

Sunbiz.org Division of Corporations — an official State of Florida website

Department of State / Division of Corporations / Search Records / Detail By Document Number /

Detail by Entity Name

Foreign Profit Corporation
AECOM TECHNICAL SERVICES, INC.

Filing Information

Document Number	F95000004014
FEI/EIN Number	N/A
Date Filed	08/21/1995
State	CA
Status	ACTIVE
Last Event	NAME CHANGE AMENDMENT
Event Date Filed	12/04/2008
Event Effective Date	NONE

Principal Address

300 South Grand Avenue
9th Floor
Los Angeles, CA 90071

Changed: 04/05/2018

Mailing Address

300 South Grand Avenue
9th Floor
Los Angeles, CA 90071

Changed: 04/05/2018

Registered Agent Name & Address

C T CORPORATION SYSTEM
1200 SOUTH PINE ISLAND ROAD
PLANTATION, FL 33324

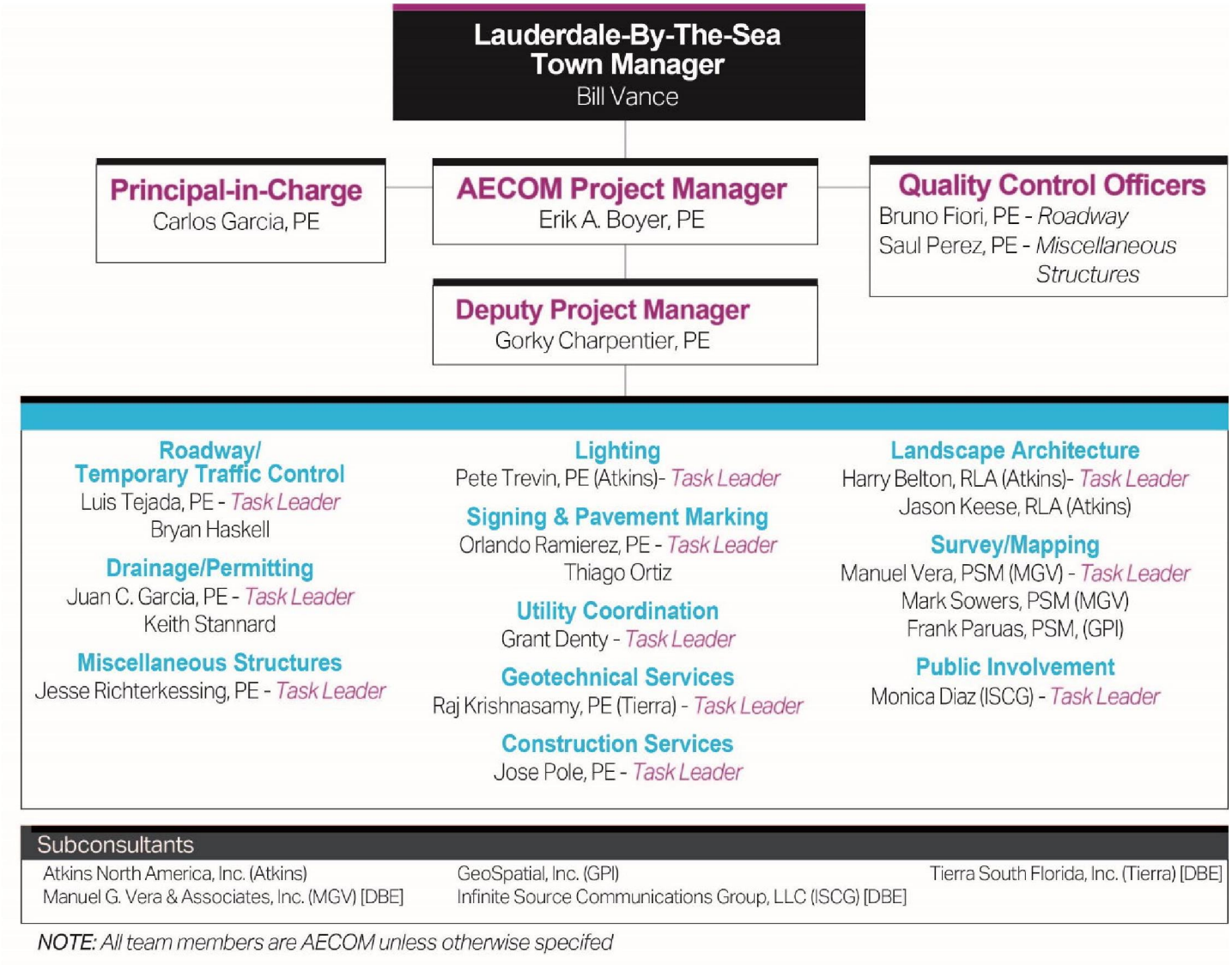
A description of the individual responsible.

Erik A. Boyer, Project Manager, erik.boyer@aecom.com, 561-962-0892. Mr. Boyer has extensive experience in the planning, design, and project management of public transportation facilities since 2005. His design experience includes preparation of roadway design variations and exceptions, technical reports, pavement design, geometric design, drainage analysis, permitting, signing and pavement markings, complex maintenance of traffic, signalization, utility coordination, and construction support. Previous experience includes Project Manager/Engineer of Record for El Mar Drive from Palm Avenue to Pine Avenue; Project Manager for SR-80/Southern Boulevard from Washington Road to SR-A1A/South Ocean Boulevard, Engineer of Record for Ravenswood Road/Anglers Avenue from SW 45th Street to SW 42nd Street ; and Engineer of Record for SR-400/Interstate 4 Ultimate Design Build Project from West of Kirkman Road to East of SR-434; amongst other projects serving as Engineer of Record.

The resumes and professional qualifications of the primary individual(s) who will work on this project.

Resumes for the AECOM Team follow the Organizational Chart on the next page.

The AECOM Team



NOTE: All team members are AECOM unless otherwise specifed

AECOM

Areas of Expertise

Project Management
Roadway Design
Traffic Control

Education

BSCE, Civil Engineering, Florida State University

Certifications/Registrations

Professional Engineer; FL #72380

Advanced MOT Certification

Years of Experience

With AECOM: 3 Years
With Other Firms: 11

Erik A. Boyer, PE

Project Manager

Mr. Boyer has extensive experience in the planning, design, and project management of public transportation facilities since 2005. His design experience includes preparation of roadway design variations and exceptions, technical reports, pavement design, geometric design, drainage analysis, permitting, signing and pavement markings, complex maintenance of traffic, signalization, utility coordination, and construction support.

Previous Experience

El Mar Drive from Palm Avenue to Pine Avenue. FDOT District Four, Broward County, FL. Engineer of Record responsible for maintenance of traffic. The project involves providing a 10-foot wide shared use path in the median area, roadway widening, milling and resurfacing, drainage improvements, landscaping, and hardscape enhancements.

SR-808/Glades Road at SR-9/I-95 Interchange Improvement, FDOT District Four, Palm Beach County, FL. Project Engineer responsible for developing horizontal and vertical geometric design, variations and exceptions, typical sections, and coordination. Project involves roadway widening along SR-808 / Glades Road to accommodate physically separated auxiliary lanes for the I-95 on-ramps including providing a new bridge over Airport Road, as well as bridge widening over Military Trail and I-95.

SR-400/Interstate 4 Ultimate Design Build Project from West of Kirkman Road to East of SR-434, FDOT District Five, Orange and Seminole Counties, FL. Engineer of Record responsible for maintenance of traffic within Area 2 (West of Rio Grande Avenue to East of Kaley Avenue). The project involves reconstruction of the I-4 mainline (21 miles) including the addition of express lanes, and reconstruction of 15 major interchanges and more than 145 bridges.

SR-90/Tamiami Trail 2.6 Mile Bridging from East of Osceola Camp to West of Airboat Association of Florida, FDOT District Six, Miami-Dade County, FL. Project Engineer responsible for developing horizontal and vertical geometric design, maintenance of traffic, production of concept plans, and coordination. The project involves roadway reconstruction by constructing bridge sections for natural water flow from the Florida Everglades, drainage, signing and pavement markings, and utility coordination.

SR-9/Interstate 95 Phase 3 Corridor from SR-848/Stirling Road to Linton Boulevard, FDOT District Four, Broward and Palm Beach Counties, FL. Project Engineer responsible for developing horizontal and vertical geometric design, variations and exceptions, typical sections, maintenance of traffic, and coordination. The project involves widening from eight to twelve lanes including milling and resurfacing/overbuild of the I-95 mainline, ramp reconstruction, and conversion from a single high occupancy vehicle lane to dual express lanes.

SR-93/Interstate 75 Segment A/B from NW 170th Street to South of Miramar Parkway, FDOT Districts Four and Six, Miami-Dade and Broward Counties, FL. Project Engineer responsible for developing horizontal and vertical geometric design, production of concept plans, and coordination. The project involves widening the I-75 mainline from eight to twelve lanes with the addition of a four-lane express lane system in the existing median, including the reconstruction of the I-75/Miami Gardens Drive interchange, as well as the full build-out of the system to system interchange of I-75 at the Florida's Turnpike Homestead Extension.

Ravenswood Road/Anglers Avenue from SW 45th Street to SW 42nd Street, FDOT District Four, Broward County, FL. Engineer of Record responsible for maintenance of traffic including assisting with roadway design, typical sections, pavement design, and coordination. The project involves reconstruction of the existing bridge over the Dania Cut-off Canal due to being structurally deficient, roadway reconstruction, drainage, signing and pavement markings, and utility coordination.

SR-9/Interstate 95 from South of SR-70/Okeechobee Road to North of SR-68/Orange Avenue, FDOT District Four, St. Lucie County, FL. Project Engineer responsible for developing horizontal and vertical geometric design, typical sections, pavement design, signing and pavement markings, and maintenance of traffic on the SR-70/Okeechobee Road and SR-68/Orange Avenue corridors. The project involves roadway widening, ramp reconstruction, milling and resurfacing/overbuild, drainage, signalization, and utility coordination.

SR-9/Interstate 95 from South of SR-614/Indrio Road to the St. Lucie/Indian River County Line, FDOT District Four, St. Lucie County, FL. Project Engineer responsible for developing horizontal and vertical geometric design, typical sections, pavement design,

signing and pavement markings, and maintenance of traffic. The project involves widening the I-95 mainline from four to six lanes, ramp reconstruction, milling and resurfacing, drainage, utility coordination, and landscaping enhancements.

Fort Lauderdale-Hollywood Airport Runway (9R-27L) Expansion Project, Broward County, FL. Project Engineer responsible for horizontal and vertical geometric design, typical sections, pavement design, signing and pavement markings, and maintenance of traffic. The project involves reconstruction of the SR-5/US-1/Federal Highway corridor and Perimeter Road to align with the new runway and taxiway structure system; new braided ramps and roadway system which includes a bridge structure north of the main "doughnut" entrance to the airport's terminal complex; and a new exit ramp for the SR-5/US-1/Federal Highway southbound approach connecting to 7th Avenue.

SR-5/Federal Highway from South of SE 7 Street to South of SR-814/Atlantic Boulevard, FDOT District Four, Broward County, FL. Project Engineer responsible for roadway design, typical sections, pavement design, drainage analysis, signing and pavement markings, maintenance of traffic, and utility coordination. The project involves milling and resurfacing, minor sidewalk widening, and upgrading all pedestrian features to meet current ADA standards.

SR-811/Dixie Highway from SR-810/Hillsboro Boulevard to Broward/Palm Beach County Line, FDOT District Four, Broward and Palm Beach Counties, FL. Project Engineer responsible for developing horizontal and vertical geometric design, typical sections, pavement design, signing and pavement marking, maintenance of traffic, and utility coordination. The project involves provides a new alignment in the form of a major structural flyover crossing over the FEC rail corridor, the Hillsboro Canal, and multiple local roadways. The project involves roadway reconstruction, drainage, signing and pavement markings, signalization, maintenance of traffic, utility coordination, and landscaping enhancements.

SR-808/Glades Road from West of SR-9/Interstate 95 to NW 7th Avenue, FDOT District Four, Palm Beach County, FL. Project Engineer responsible for roadway design, typical sections, pavement design, signing and pavement markings, maintenance of traffic, and utility coordination. The project involves widening the existing divided roadway for bike lane continuation, ramp reconstruction, proposed sidewalk along the north side of SR-808/Glades Road including connection to Military Trail, milling and resurfacing, drainage, utility coordination, and landscaping enhancements.

SR-814/Atlantic Boulevard from West of SR-5/US-1 to SR-A1A/Ocean Drive, FDOT District Four, Broward County, FL. Project Engineer responsible for roadway design, typical sections, drainage analysis, signing and pavement markings, maintenance of traffic, and utility coordination. The project involves narrowing the existing divided roadway from six to four lanes, sidewalk reconstruction, milling and resurfacing, signalization, landscaping enhancements, and upgrading all pedestrian features to meet current ADA standards.

SR-800/Spanish River Boulevard from SR-5/US-1 to SR-A1A/Ocean Drive, FDOT District Four, Palm Beach County, FL. Project Engineer responsible for roadway design, typical sections, pavement design, drainage analysis, signing and pavement markings, maintenance of traffic, and utility coordination. The project involves milling and resurfacing, traffic rail replacement on two bridges, landscaping enhancements, and upgrading all pedestrian features to meet current ADA standards.

SR-A1A/Ocean Boulevard from Azalea Street to South of SR-822/Sheridan Street, FDOT District Four, Broward County, FL. Project Engineer responsible for roadway design, typical sections, pavement design, pavement markings, maintenance of traffic, and utility coordination. The "ride only" project involves milling and resurfacing and upgrading all pedestrian features to meet current ADA standards.

SR-5/US-1 from 20th Place to South of 33rd Street, FDOT District Four, Indian River County, FL. Project Engineer responsible for roadway design, typical sections, pavement design, drainage analysis, signing and pavement markings, maintenance of traffic, and utility coordination. The project involves milling and resurfacing, signalization enhancements, and upgrading all pedestrian features to meet current ADA standards.

SR-814/Atlantic Boulevard from East of SR-9/Interstate 95 to West of SR-5/US-1, FDOT District Four, Broward County, FL. Project Engineer responsible for roadway design, access management, typical sections, drainage analysis, signing and pavement markings, maintenance of traffic, and utility coordination. The project involves milling and resurfacing, sidewalk construction, signalization and lighting enhancements, and upgrading all pedestrian features to meet current ADA standards.

SR-80/Southern Boulevard from CR-880 to West of Forest Hill Boulevard, FDOT District Four, Palm Beach County, FL. Project Engineer responsible for roadway design, maintenance of traffic, and signing and pavement markings. The project involves milling and resurfacing, signalization, landscaping, and lighting enhancements.

AECOM

Areas of Expertise

Project Management
Transportation System Design
Design-Build
Construction

Education

BS, Civil Engineering
Catholic University of Ecuador

Certifications/Registrations

Professional Engineer, Florida (47523) 1994
Certified General Contractor, Florida (CGC061113) 2000
Standard Inspector, Florida (1996)

Years of Experience

With AECOM: >5 Year
With Others: 23 Years

Gorky Charpentier, PE, CGC

Deputy Project Manager

Gorky Charpentier has more than 28 years of experience in design and management of transportation and municipal projects during design and construction stages. His Florida Department of Transportation (FDOT) and Municipal experience includes the management of groups and teams for technical execution of complex roadway projects.

I-595 Reconstruction, FDOT District Four, Length of Corridor: 10 Miles Project Role, Broward County, FL. Project Manager – Post Design Services. In charge of leading the post design services related to the $1.3 Billion, Public-Private Partnership project. Duties included the post-design services, managing requests for information, shop drawing reviews, field change requests, traffic control plan adjustments, field visits and resolution of conflicts in the field. It also involved the administrative duties including management of a large design team, with several consultants, invoicing, progress reporting, and project management office administration. [4/2010-5/2013] Reference: PM: Paul Lampley, PE (954) 845-9552

I-595 Reconstruction, FDOT District Four, Length of Corridor: 10 Miles Project Role, Broward County, FL. Roadway Lead Engineer. In charge of leading the design team for all structural components in a $1.3 Billion, Public-Private Partnership project, (the largest project in the nation, at the time) including design modifications to 9 interchanges, adding 3 reversible express lanes from I-75 to E of SR 7, 60 roadway bridges, more than 100 lane miles. This effort included the coordination of a large design team, with several consultants, and other disciplines and agencies involved in the project, as well as the administrative duties including invoicing and progress reports. [March, 2008 to April, 2010] Reference: PM: Paul Lampley, PE (954) 845-9552

I-595 Resurfacing, Restoration and Rehabilitation (3R), FDOT District Four, Broward County, FL. Project Manager for the design services of this 3R project. Tasks included widening, milling and resurfacing, new signs and pavement markings. Corridor Length: 2 Miles Reference: Henry Oaikhena, 954.777.4427 Project Dates: 5/2004-9/2007

SR A1A 3R, FDOT District Four, St. Lucie County, FL. Project Manager/Engineer-of-Record for the design services of a 3R project 7.3 miles in length. Tasks included widening, milling and resurfacing, new drainage system, one new bridge, two bridge retrofits, and new signs and pavement markings. Corridor Length: 7.3 Miles Reference: Bing Wang, 954.777.4406 Project Dates: 5/2004-9/2007

I-564 Intermodal Connector Design-Build, US Department of Transportation, Norfolk, VA. Project Role: Production Manager. Proposed improvements include the construction of I-564 interchange, bridges and local connectors, associated with the I-564 Intermodal Connector. In addition, the project includes improvements on Naval Station Norfolk, Naval Support Activity Hampton Roads and Norfolk International Terminals. Project Construction Cost: $90 M Reference: Bill Eshbaugh, PE, (757.447.9104). 03/2016-Present

I-4 Ultimate Public Private Partnership, FDOT District Five Design-Build, Orange County, FL. The project consists of reconstruction of a 21 mile section of I-4. Responsible for the QA/QC of Roadway and TCP documents in Area 4 (Maitland Blvd to SR 434). Project Amount: $2.4B, Reference: Loreen Bobo, PE, (386 943-5541). 07/2014-Present

SR 821 Homestead Extension of the Florida's Turnpike (HEFT) Widening, Florida's Turnpike Enterprise (FTE), Miami, FL. Post Design Project Manager. Responsible for modifications and upgrades during construction. This project included the addition of two lanes in each direction along the mainline for the widening of approximately 2.5 miles of the Turnpike, express lanes and improvements to local roads from SW 216th Street to Eureka Drive (SW 184th Street). Corridor Length: 2.5 Miles Reference: Paul Naranjo, 407.532.3999, Project Dates: 2013-2014

General Engineering Consultant Services, Miami-Dade Expressway Authority (MDX), Miami, FL. Project Manager responsible for the consultant management for several MDX projects. Specific areas of technical responsibility included transportation planning, design and construction support for five limited-access highway facilities, more than 120 structures, and a multitude of toll plaza and support buildings. Responsibilities included recommending procurement types; preparing procurement documents issued by MDX; reviewing submitted responses to solicitations; and managing and coordinating all final design consultants working for the authority.

and procurement of all necessary environmental permits. Corridor Length: N/A Reference: Juan Toledo, 305.637.3277 Project Dates: 9/2007-3/2009

SR 836 Toll Plazas, MDX, Miami, FL. Project Manager responsible for 2.4 miles of design and post-design services for the roadway reconstruction along SR 836 from NW 87th Avenue to NW 107th Avenue with two toll plazas, including a new drainage system, ramps, lighting and toll plaza buildings. Corridor Length: 2.4 Miles Reference: Alfred Lurigados, 305.637.3277 Project Dates: 11/2005-9/2007

SR 836 Flyover, MDX, Miami, FL. Project Manager responsible for 1.6 miles of post-design services that included a flyover ramp, three new bridges and one bridge widening, a complete new drainage system, new lighting system and signage, and pavement markings. Corridor Length: 2.6 Miles Reference: Juan Toledo, 305.637.3277 Project Dates: 5/2004-7/2007

SR 826 (Palmetto) and SW 8th Street Interchange, FDOT District Six, Miami-Dade County, FL. Project Manager for design, plan preparation, permitting and quality control of modifications to an existing interchange. The project included modifications to all existing ramps and 1.1 miles of SW 8th Street improvements. Newly designed infrastructure included two bridges, signals, a drainage system and three outfalls at the C-4 canal. Corridor Length: 1.1 Miles Reference: Ali Toghiani, 305.470.5343 Project Dates: 3/2000–5/2004

Campbell Drive Interchange, FTE, Miami-Dade County, FL. Project Manager responsible for the design, plan preparation, permitting and quality control of modifications to the existing interchange. The 1.1-mile project included two additional ramps, two new bridges, a county road improvement, new signals, landscape, two new toll plazas and two new outfalls at the C-103 canal. Corridor Length: 1.1 Miles Reference: Will Sloup, 407.264.3086 Project Dates: 12/1997-1/1999

Southern Boulevard Interchange, FTE, West Palm Beach, FL. Project Manager responsible for the 1.1 mile design and post-design phase. Performed plan preparation, permitting and quality control for this new interchange in Palm Beach County. New design included an interchange with on- and off-ramps, signals, water main extensions, lift stations, two bridges and a sanitary sewer force main. Additional work on existing infrastructure included county road improvements and C-51 canal modifications. Corridor Length: 1.1 Miles Reference: Will Sloup, 407.264.3086 Project Dates: 5/1994-2/1999

Areas of Expertise

Quality Assurance/Quality Control
Project Management
Roadway Design

Education

BS, Civil Engineering, University of South Florida

Registration

Professional Engineer
1995/California, #53228
1995/ Florida, #49150 (Civil)
2001/Texas, #88380 (Civil)

Years of Experience

With AECOM: 16 Years
With Other Firms: 10 Years

Bruno J. Fiori, PE

Quality Assurance Officer

Mr. Fiori is an associate vice president and principal engineer responsible for the QA/QC program for the entire Tampa office. His experience is in designing and managing the design of roadway projects, from minor resurfacing to major reconstruction. His design experience includes all roadway related activities such as typical section and pavement design packages, design variations and exceptions, geometric alignments, signing and pavement markings, traffic control plans, specs packages and computation of construction quantities and estimates. His management experience includes the coordination of survey, utilities, right of way, signalization, landscape, lighting, public involvement, and the necessary coordination between local municipalities. Mr. Fiori's management approach includes defining specific tasks for project team members, monitoring project team progress, and checking plans for quality control and assurance. As principal engineer he is also a client services manager, responsible for coordinating between AECOM's project managers and the client to assure that schedules and deliverables are met satisfactorily.

District-Wide Contracts, FDOT District Four, Various Locations, FL. Project Manager for the following contracts: C8C95 and C8N71. Successfully managed these contracts and coordinated closely with the Department's Contract Writers to execute multiple Task Orders under each Contract. Both contracts have been completed and closed.

SR 806 from the E4 Canal Bridge to NW 10th Ave., FDOT District Four, Palm Beach County, FL. Manager for this I-95 Interchange and surface street capacity improvement project. Add dual left-turn lanes in each direction, add exclusive lane for southbound loop on-ramp, add right-turn lanes, and add buffered bike lanes. The project also includes drainage improvements, ADA upgrades, signalization upgrades, traffic monitoring site upgrades, ITS upgrades, and lighting upgrades. (FPID 434722-1-32-01)

SR 5 from the Palm Beach/Martin County Line (MP 0.000) to MP 5.050, FDOT District Four, Martin County, FL. Manager for this 5-mile, 4-lane divided rural highway milling/resurfacing project with addition of 10-ft shared-use path. Construction completed 2014.(FPID 427023-1-32-01)

SR 5/Port St. Lucie, FDOT District Four, St. Lucie County, FL. Project manager for this intersection safety improvement project. Challenges included incorporating triple left-turn and dual right-turn movements within existing right of way. Construction completed 2013. (FPID 423115-1-32-01)

I-95 from SR 76 to the St Lucie County Line, FDOT District Four, Martin County, FL. Project manager for this 13-mile, 6-lane interstate plus 6 miles of ramp milling/resurfacing project. Ramp closures and ramp detours were used where appropriate; otherwise, temporary pavement widening was used to maintain ramps open during construction. Maintained project website for public awareness. Held a value engineering (VE) study, which resulted in a cost-effective pavement design for the ramps. Construction completed 2009.(FPID 415396-1-32-01)

SR 80 from Parker Avenue to Washington Road, FDOT District Four, Palm Beach County, FL. Manager for this 1-mile, 5-lane urban highway milling/resurfacing project with unique bridge joint repairs and ADA accommodations. Construction completed 2007. (FPID 422987-1-32-01)

I-595 from I-75/Sawgrass Expressway to Pine Island Road, FDOT District Four, Ft. Lauderdale, FL. Project manager for this 10-mile, 4-lane and 6-lane milling/resurfacing Interstate project. Close coordinated one adjacent connecting project and a second corridor guardrail project going through this project. Designed detour plans for ramp construction. Overhead signs were replaced to current standards. Construction completed 2007. (FPID 231726-1-32-01)

SR 714 from Mapp Road to the St Lucie River Bridge, FDOT District Four, Martin County, FL. Project manager for this 0.4-mile, 5-lane milling/resurfacing and partial reconstruction project. Mapp Road intersection was regraded and inlets and storm sewers were added to eliminate existing flooding. As a result, approximately 300 feet of water main had to be relocated. Upgraded signals to mast arms and redesigned ADA ramps to meet current standards. Attended several meetings with County to accommodate the County's side street improvements. Held public meetings with County Commissioners to discuss noise ordinances and construction schedule.

Contacted property owners and fire station to close existing driveways. Facilitated the processing of license agreements to remove existing signs that were outside right of way. Construction completed 2005. (FPID 228850-1-32-01)

SR 814 (Atlantic Boulevard) at Lyons Road, FDOT District Four, Fort Lauderdale, FL. Project manager for this intersection safety improvement project. Realigned the off-ramp from northbound Lyons Road to eastbound Atlantic Blvd. for a more traditional T-intersection to reduce merging crashes. Extended left turn lanes at both legs of Lyons Road, which resulted in challenging reconstruction to median, traffic separator, drainage, and guardrail replacement. Signals and signs were reconfigured for safety. Construction completed 2004. (FPID 406519-1-32-01)

SR 816 from Bayview Drive to SR A1A, FDOT District Four, Ft. Lauderdale, FL. Project manager for this 0.5-mile, 4-lane divided urban highway milling/resurfacing project. Upgraded sidewalk and ADA ramps, and guardrail retrofits across a movable bridge. Coordinated with Broward County for trombone-style signals. Coordinated with the city of Ft. Lauderdale to for landscape, parking lot improvements, and decorative crosswalks. Established a JPA with the city of Ft. Lauderdale for the decorative lighting. Developed plans to remove the barnacles from the outfalls in the Intra-coastal Waterway. Construction completed 2003. (FPID 228156-1-32-01)

SR 82, FDOT District One, Hendry County, FL. Project manager for this 1.275 mile reconstruction of a two-lane undivided rural roadway to a four-lane divided rural roadway with shared-use path. Construction completed 2016. (FPID 425841-5-52-01)

SR 400 (I-4) from East of SR 25 (US 27) to the Osceola County Line, FDOT District One, Polk County, FL. Project manager for this 2.3 mile 4-lane to 6-lane rural divided interstate highway milling/resurfacing and inside widening project. This project was 1 of 6 design projects along the I-4 corridor. District 1 hosted monthly meetings where all consultants responsible for their segment attended to give a project status and coordinate with adjacent segments. Construction completed 2002. (FPID 201205-2-32-01)

SR 45 (US 41), FDOT District One, Collier County, FL. Project engineer for this 7.4-km, 4-lane divided rural hybrid and urban reconstruction/widening and resurfacing project. Construction completed.

SR 742 from East of SR 291 (Davis Hwy.) to SR 10A/US 90 (Scenic Hwy.), FDOT District Three, Escambia County, FL. Project manager for this 4-mile milling/resurfacing project with extensive cross slope correction with the use of overbuild details. Upgraded signals and proposed new signals and lighting. Construction ongoing. (FPID 428847-1-32-01)

CR 578 from US 19 to Mariner Boulevard, FDOT District Seven, Hernando and Pasco Counties, FL. Project manager for this 5.8-mile major highway reconstruction project from an existing 2-lane rural section to a 4-lane divided urban section with right of way and drainage provisions for expansion to 6-lanes. Coordinated this project with three adjacent projects. Services included design of signals at two major intersections, and widening of Mariner/Shady Hills Boulevard to accommodate dual left-turn lanes at all 4 legs. Extensive analysis of cross sections to optimize design features and minimize right-of-way impacts. Major geotechnical services to address integrity of the roadway due to numerous sinkholes. Extensive coordination with adjoining county governments (Hernando and Pasco Counties), and an extensive public information program. (FPID 257298-3-32-01)

I-4 BTU (Beyond The Ultimate), FDOT District Five, Osceola County, FL. Project Manager for a segment of the overall project. The limits for the segment I am responsible for are from the Polk/Osceola County line to east of the CR 532 interchange. This segment consisted of the total reconstruction of I-4 to a 10-lane interstate (6 General Use lanes + 4 Express Lanes) with Diverging Diamond Interchange (DDI) at CR 532. (FPID 431456-1-32-01)

SR 44 from SR 500/US 441 to SR 44, FDOT District Five, Lake County, FL. Project manager for this 2-mile major highway reconstruction project from an existing 2-lane rural section to a 4-lane divided urban section. Responsible for coordinating activities between roadway, drainage, permitting, geotechnical, signals, and utilities. Held meetings with counties and client to resolve issues. The challenge with this project was to fit the proposed 4-lane roadway and median within the existing 100-foot right of way including 9 utilities and a closed drainage system down the center of the median. Right of way was acquired for the proposed pond sites. Extensive coordination with adjoining county governments (Lake County, City of Mt. Dora, and City of Eustis), and an extensive public information program. (FPID 409870-1-32-01)

SR 46 from Mellonville Ave. to SR 415 (E. Lake Mary Blvd.), FDOT District Five, Seminole County, FL. Project manager for this 3-mile major highway reconstruction project from an existing 2-lane rural section to a 4-lane divided urban section. Surcharge and special detours were necessary due to deep settlements. Added buffered bike lanes and sidewalks. Extensive utility coordination and relocation efforts. Construction ongoing. (FPID 240216-2-32-01)

AECOM

Areas of Expertise

Project Management
Bridge/Highway Design
Quality Control
FDOT Criteria, Requirements, and Guidelines

Education

MSCE, University of Miami
BSCE, University of Miami

Certifications/Registrations

Professional Engineer, FL
Professional Engineer, CA
Professional Engineer, PR
LRFD Certification FDOT

Years of Experience

With AECOM: 18 Years
With Others: 14 Years

Saul Perez, PE, SE

Quality Control Officer

Mr. Perez is a senior structural engineer with over 30 years of experience in the design and analysis of various types of structures for highway, transit, and marine facilities. He has serves as Structures Department Manager, Technical Director, and Project Manager in various types of projects, mostly involving highway and bridge structures, retaining walls and sign structures for FDOT facilities. He has been involved in the design of complex structures like; Segmental Concrete Bridges, Steel Box Girder Bridges, and Cast-In-Place Box Girder Bridges, as well as in other types of structures like; Concrete AASHTO Type Girder Bridges, Steel I-Girder Bridges, Reinforced and Unreinforced Masonry Design, and various types of Retaining Walls.

Structural Department Manager: Serves as the Structural Design Department Manager, and Project Manager – Major Project procuring, coordinating, overseeing, and supervising, the design and analysis of transportation projects.

Districtwide Structures Design, District Four, FL Project Manager for this districtwide task-order structures project. The project involves design and construction assistance for bridges and miscellaneous structures throughout District 4.

I-595 Reconstruction, Florida Department of Transportation (FDOT), District Four, FL. Structures Lead Structures Engineer**.** In charge of leading the design team for all structural components in a $1.2 Billion, 10 mile long, Public-Private Partnership project, (the largest project in the nation, at the time) including the design of 60 roadway bridges, 4 pedestrian bridges, 147 MSE walls, 13 special barrier walls, 7 sound barrier walls, 27 retaining walls, 37 signal mast arms and strain pole systems, 85 standards sign structures, 58 special sign structures, 36 temporary retaining walls, and 7 ITS support structures. This effort included the coordination of a large design team, with several consultants, and other disciplines and agencies involved in the project, as well as the administrative duties including invoicing and progress reports. Bridge structures included steel box and I-girder structures, new concrete bridges with both AASHTO and the new Florida I-Beam structures, as well as bridge widening with the same type of girders.

I-595 Reconstruction, Florida Department of Transportation (FDOT), District Four, FL. Project Manager – Post Design Services. In charge of leading the post design services and closing the project related to the $1.2 Billion, 10 mile long, Public-Private Partnership project, (described in the project above). Duties include the post-design services, managing requests for information, shop drawing reviews, field change requests, traffic control plan adjustments, field visits and resolution of conflicts in the field. It also involved the administrative duties including management of a large design team, with several consultants, invoicing, progress reporting, and project management office administration.

Seven Mile Bridge Rehabilitation, Florida Department of Transportation (FDOT), District Six, FL. Project Engineer. Involved in the evaluation of structural damages identified along the bridge substructure and preparing the repair details and specifications to address the issues. Involved with the determination of the most appropriate cathodic protection solution for the corrosion and associated spalling within the concrete components of the bridge.

La Plata River Bridge Rehabilitation, Puerto Rico Highway and Transportation Authority, PR. Engineer of Record for the rehabilitation of a three span cable stay bridge exhibiting major undulations along the concrete deck affecting rideability, and safety. Also addressed the repair of deterioration of concrete components exhibiting spalling, corrosion and damages to the stay cables. The work implemented a rehabilitation plan to repair cracks through sealing, injections or patching, depending on the specific condition of the damage.

South Fork of the New River Bridge, Tri-County Commuter Rail Authority, Broward County, FL. Project Manager. Preliminary design, environmental assessment, and procurement phase of the design/build project for a 3,690-foot-long, 43-span, dual-track, high-level fixed concrete and steel railroad bridge for the use of Tri-Rail, AMTRAK, and CSX Transportation—the first high-level, fixec 438
railroad bridge in the State of Florida. The bridge consisted of a steel through-girder main span and AASHTO precast concrete girders

for the approaches to be erected in a confined site. The project involved significant public involvement and coordination with multiple government agencies, private entities, and the public.

US 27 Moore Haven Bridge, Glades County, Florida Department of Transportation (FDOT), District Seven, Moore Haven, FL. The U.S. 27 Moore Haven Bridge over Caloosahatchee Canal is a high level, fixed structure 2,276'-0" long with a vertical clearance of 55 feet above mean high water. In the original design the navigation and flanking spans (3 spans continuous curved: 210' – 320' – 210') were developed using steel haunched plate girders (15'-9") and the 12 approach spans consisted of simply supported modified FBT-78 Beams. Mr. Perez performed the superstructure deck design check, prepared plans of the approach spans, and QC steel girder design.

Koahsiung-Chaochou Expressway, Koahsiung-Chaochou, Taiwan. Project Engineer for this four-lane 10-kilometer expressway consists of post-tensioned precast segmental concrete box girders with spans ranging from 55 to 65 meters. The viaduct is located in a high-risk seismic region. Mr. Perez performed a full design of the post-tensioned cast-in-place concrete box girder bridge structure while also participating in the design of a segmental concrete box girder design effort. The bridge is 165.204 meters long with three 55 meter long spans. Mr. Perez designed the cast-in-place concrete girder, post-tensioning system, reinforcements, anchorage system, access holes, seismic restrainers in a high seismic zone, and integral piers.

SR 54 over Cypress Creek, Florida Department of Transportation (FDOT), District Seven, Pasco County, FL. Project Manager for Twin 135'-0" AASHTO type II girder bridge with 2 spans and continuous concrete deck slab on pile bents crossing over environmentally sensitive marshland. This project required a minimum impact to the environment in which it was located. Mr. Perez design the geometry, deck, girders, bearing pads, end bents and expansion joints.

SR 54 over Trout Creek, Florida Department of Transportation (FDOT), District Seven, Pasco County, FL. Project Manager for the twin bridges are 136'-0" long with two spans built with AASHTO Type III Concrete girder. The intermediate piers consists of prestressed concrete pile bents. This project required a minimum impact to the environment in which it was located. It consisted of pile bents supporting typical AASHTO girders with a cast-in-place continuous concrete deck. Mr. Perez design the geometry, deck, girders, bearing pads, end bents and expansion joints.

SR 54 over Cabbage Swamp, Florida Department of Transportation (FDOT), District Seven, FL. Project Manager for Twin 200'-0" AASHTO type IV girder bridge with two spans of 100'-0". Design of twin AASHTO girder bridge crossing over environmentally sensitive marshland. This project required a minimum impact to the environment in which it was located. It consisted of pile bents supporting typical AASHTO girders with a cast-in-place concrete deck.

SR836 Bridge Widening over NW 45th Avenue, Florida Department of Transportation (FDOT), District Six, Miami, FL. Project Engineer for the Widening of a 240-foot-long, five-span concrete AASHTO modified Type II girder bridge over water and installation of retaining walls along the approaches, including the addition of pile bents in environmentally-sensitive area.

Bridge Replacements and Widening, Florida Turnpike Enterprise, Palm Beach County, FL. Lead Bridge Engineer in charge of the Design, load rating and post-design services for four bridges on the Florida Turnpike. Work included widening of three concrete bridges and one bridge replacement. The bridges included three different types of concrete superstructures: flat slab, AASHTO beams and reinforced concrete tee-beams. This was the first application of an Acrow Bridge in a mainline in Florida. Project included design of retaining walls along the approaches to the bridges.

Ramp LL and KK I-95, Philadelphia Airport, Philadelphia County, PA. Structural Design Task Manager for Ramp LL I-95 at Philadelphia Airport, Philadelphia County, Pennsylvania: Project manager for a 183.9-meter five-span AASHTO girder bridge supported on reinforced concrete piers and abutments. Work included designing of splayed continuous prestressed AASHTO girders using the PADOT prestressed beam program.

Ramp KK I-95, Philadelphia Airport, Philadelphia County, PA. Structural Design Task Manager, for a 35.5-meter curved single-span AASHTO girder bridge supported on concrete abutments. Work included designing splayed prestressed AASHTO girders using PADOT prestressed beam program and detailing of the foundation.

Elkins Bypass US33/WV92 over US33/250, West Virginia Railroad Authority, Elkins, WV. Structures Task Manager for the design of twin bridges consisting of a five-span curved steel plate girder bridge 1,140 feet long. The bridges cross over a roadway, a railroad track, and the Tygart River in West Virginia. This required the design to comply with design criteria for each of the components crossed by the bridge.

ATKINS

Member of the SNC-Lavalin Group

Harry L. Belton, RLA

Senior Landscape Architect

Harry Belton has 39 years of landscape architecture experience in the south Florida area. During this time, he has been responsible for providing a wide range of landscape architecture services on a variety of projects. This experience includes commercial development of retail space, offices, and hotels; urban renewal projects; government facilities design; transit projects; streetscape designs; and highway landscape, as well as the layout and design of parks and recreational facilities, coastal and waterside parks, landfill conversions, and greenway and trail systems.

Mr. Belton's Atkins project experience includes:

A1A Greenway Oakland Park Boulevard to Flamingo Road, Florida Dept. of Transportation and the Broward County Metropolitan Planning Organization, Fort Lauderdale, FL. Served as lead urban designer for this joint project between the Florida Department of Transportation (FDOT) and the Broward County Metropolitan Planning Organization to provide enhanced pedestrian and bicycle facilities, as well as expanded urban tree canopy along this iconic roadway. The current six-lane standard facility is being narrowed to two lanes in each direction that have been further reduced to minimal lane width. This will free up 32 feet of right-of-way for expanded sidewalks, bikeways, and extensive street tree plantings. The result will be a more pedestrian friendly and environmentally sustainable public space that will be attractive to users and customers of the adjacent businesses. The principal expression of the design will be to maintain the prevailing character and appearance of Fort Lauderdale Beach and extend it north to the city limit. It will incorporate wave walls, pilasters, specialty paving, and decorative street lighting of similar themes represented at the south end of the beach to provide continuity within this city corridor. It will also incorporate a shady, relaxed, tropical theme in keeping with the neighborhood and the city's character.

Lauderdale-by-the-Sea, AIA Enhancement Project, Town of Lauderdale-by-the Sea, FL. Support landscape architect for this Local Agency Program (LAP) project. A scenic highway landscape and multimodal beautification project that required coordination efforts between the Town of Lauderdale-by-the-Sea, FDOT, and Broward County Transit. Main hardscape elements were the addition of transit stop improvements and gateway elements of specialty paving, street furnishings, and architectural accents. These enhancements were designed to provide a refined cohesive style to the corridor while promoting the character and image of the town. Street tree plantings completed the overall theme of a relaxed, charming, and tropical seaside community. Scope also included the production and presentation of graphic exhibits for public meetings, design development meetings with Town staff, site analysis, conceptual design of hardscape and landscape elements and details, complete construction document and specification production, and provision of FDOT submittal and LAP procedures.

Venice Downtown Streetscape Redevelopment, City of Venice, FL. Served as lead landscape architect, responsible for providing conceptual design direction and construction documents for the refurbished and enhanced streetscape for three streets in the downtown Venice area. Enhancements included new street tree plantings in sidewalk areas as well as medians with under sidewalk root cell installations for healthy tree growth, upgraded paver sidewalks, decorative street lighting, irrigation systems, street furnishings, decorative planter elements, and provisions for art work installations. Work

Total years of experience

39

Years with firm

35

Education

B.L.A., Landscape Architecture, Louisiana State University, 1981

Registrations/licenses

Registered Landscape Architect
Florida LA0000900, 1983

Professional affiliations

Florida Urban Forestry Council
American Society of Landscape Architects, Broward Section Chair

Professional development

Commercial Landscaping Practices, 1986
Wetlands Ecology, NOVA Southeastern University 1989
Crime Prevention Through Environmental Design (CPTED) 1995
Landscaping for Hurricanes, 2006

efforts included coordination with City staff and maintenance, local merchants, and local beatification organizations.

Coconut Creek Education Corridor, City of Coconut Creek, FL. Served as lead landscape architect, responsible for providing conceptual design direction, theming, and landscape and hardscape design and construction documents for this project to transform a major roadway arterial into a multimodal transit corridor that serves several educational institutions.

Delray Gateway, Delray Beach Community Redevelopment Agency, Delray Beach FL. As part of an overall redevelopment of downtown Delray Beach, serves project was the gateway on the western edge consisting of two small parks on either side of Atlantic Avenue at I-95. The main component involved six 40-foot art pieces representing the culture and heritage of Delray Beach. These sculptural pieces were set in a green space of undulating earthworks with a backdrop of lush tropical plantings. Each space terminates on the eastern end with an oversized representational beach dune sand fence with stainless steel pickets. This was a complex collaborative effort with the City, artist, FDOT, landscape architects, structural engineers, and specialty fabricators. Responsible for landscape architectural design, FDOT coordination, construction inspections, and final project management.

NE 4th Street Pedestrian Promenade, Miami, FL. As lead landscape architect, worked with Miami-Dade College and the City of Miami to reconfigure a city street to double the amount of pedestrian space for students at the downtown Wolfson Campus. Also included was the addition of street trees, upgraded lighting, and street furnishings. Improved circulation also enhanced use of the Metromover station located in the project area.

Biscayne Boulevard MiMo Historic District, Florida Dept. of Transportation District Four, Miami, FL. Landscape architect. As part of this reconstruction, new streetscape enhancements were applied to not only beautify the corridor but also to support and encourage the community improvement in the newly created MiMo Historic District of Miami. Classic MiMo design themes and elements were applied to the hardscape design to further the City's and local merchants' objective for this area on the rise.

Downtown Renaissance Program, City of Oakland Park, FL. Served as landscape architect, responsible for review and support services for the redevelopment of 16 blocks of downtown streets, sidewalks, and public spaces as well as landscaping high-profile transit corridors and six municipal parks.

Miami Springs Downtown Redevelopment, City of Miami Springs, FL. Served as landscape architect responsible for development of a master plan for the central business district of Miami Springs. The emphasis was on enhancements to pedestrian systems, streetscapes, and urban design. District components of the plan included retail shopping, professional offices, residences, and a waterside promenade.

Areas of Expertise

Utility Coordination

Education

Technology Diploma / Geomatics Engineering Technology / The College of North Atlantic

Professional Affiliations

Florida Utilities Coordinating Committee
Utility Engineering and Surveying Institute (UESI)
American Society of Civil Engineers

Years of Experience

With AECOM: >1 Year
With Other Firms: 19 Years

Grant Denty

Utility Coordinator

Mr. Denty has extensive experience acting as a liaison between Utility Owners, various Departments of Transportation (DOT's) and Design/Construction Engineering firms. Providing utility coordination services for a variety of public and private clients throughout Florida and the United States. Relying on his technical background his responsibilities include: identifying utility owners and facilities, design plans review, working with utility owners and analyzing subsurface utility engineering data to identify utility design conflicts and providing quality assurance & quality control to make sure placed out of service, current and future facilities are accurately depicted on various design plans. His Geomatics experience aids in the identifying of the subsurface utility engineering information which is vital in determination of conflicts with the proposed project design. His thorough knowledge of the latest statutes and regulations is also important in accomplishing these tasks.

Experience

FGT Global Relocation Project, Broward and Miami-Dade Counties, FL. Provided preliminary utility coordination on the FGT Turnpike-Palmetto Road Relocation Project. The project is proposing the abandonment of approximately 19.1 miles of FGT's existing 18-inch mainline pipeline and the relocation and construction of approximately 15.4 miles of anticipated 24-inch mainline pipeline along existing corridors, including FPL's power line corridor and private easement, in order to provide continued natural gas service to the Miami and south Florida markets. Mr. Denty set up project files, contact list, status sheet for project communications, monthly status reports for up to 38 utilities. Held and officiated all the necessary preliminary and design utility meetings in aid of the design team to facilitate discussion between the multiple utility owners to come to a satisfactory resolution of utility conflicts as well as construct the utility conflict matrix and implement a SUE program for the design team.

I-395/SR 83611/I-95 Project, Miami-Dade County, FL. Provided utility coordination to support the design-build project which involves three projects that will be constructed concurrently by the AW-dMG Joint Venture to minimize impacts to the public. The limits on I-395 are from the SR 836 / I-95 / I-395 (Midtown) Interchange to the MacArthur Causeway, approximately 1.4 miles long. The limits on SR 836 are from NW 17 Avenue to the Midtown Interchange. This project is a continuation of MDX's work program to modernize the SR 836 corridor & the limits for the improvements on I-95 are from NW 8 Street to NW 29 Street and include the replacement of the concrete pavement for both the northbound and southbound travel lanes. Mr. Denty officiated all the necessary preliminary design utility meetings in aid of the design team. Reviewed utility marked up plans, utility permits and work schedules as they were received for content and coordinated review with the designer. As utility coordinator he also provided a utility conflict matrix to identify problem areas and to facilitate discussions between the design team and the multiple utility owners to come to a satisfactory resolution of utility conflicts as well as implement a SUE program for the design team.

SR 806/Atlantic Avenue at SR 9/I-95 Interchange, Palm Beach County, FL. Provided utility coordination services in support of the design development to improve the I-95 interchange at Atlantic Boulevard and to accommodate project traffic levels in the year 2040, this was a 0.964 miles long Interchange improvement project. Mr. Denty reviewed utility marked up plans and work schedules as they were received for content and coordinated review with the designer as well as officiated and incorporated an UWHCA with the FDOT and the impacted City of Delray. Team held and officiated all the necessary preliminary and design utility meetings in aid of the design team. Team also provided a utility conflict matrix to facilitate discussion between and the multiple utility owners to come to a satisfactory resolution of utility conflicts as well as implement a SUE program for the design team.

Linton Boulevard SR 9/I-95, Palm Beach County, FL. Provided utility coordination services in support of the design development to improve the I-95 interchange at Linton Boulevard and on Linton Boulevard to accommodate project traffic levels in the year 2040, this was a 2.066 miles long Interchange improvement project. Mr. Denty officiated all the necessary preliminary and design utility meetings in aid of the design team. Reviewed utility marked up plans, utility permits and work schedules as they were received for content and coordinated review with the designer. As utility coordinator he also provided a utility conflict matrix to identify problem areas and to facilitate discussions between the design team and the multiple utility owners to come to a satisfactory resolution of utility conflicts as well as implement a SUE program for the design team.

Homestead Extension of Florida Turnpike HEFT (SR 821) at Campbell Drive Interchange RFP Development, Miami-Dade County, FL. Provided utility coordination services to support the engineer of record's efforts in the development of the request for proposal (RFP) for the Florida Turnpike Enterprise. The planned capacity improvements for this project include the widening of the existing Campbell Drive and the addition of the new interchange ramps along 0.348 miles of FTE SR 821 in Miami-Dade County. Team provided utility coordination services to identify utility conflicts to facilitate discussion between and the multiple utility owners to come to a satisfactory resolution of utility conflicts as well as construct the utility conflict matrix and implement a SUE program come to a satisfactory resolution of utility conflicts for the RFP creation.

I-4 Ultimate Improvement Project, Orange and Seminole Counties, FL. The I-4 Ultimate Improvement Project includes the reconstruction of 21 miles of I-4 from west of Kirkman Road in Orange County, Florida to east of State Road 434 in Seminole County, Florida. The team provided mapping & utility coordination services to facilitate discussion between and the multiple utility owners to come to a satisfactory resolution of utility conflicts as well as implement a SUE program for the design team.

SR 417 (Seminole Expressway) from Orange County Line to SR 434, Seminole County, FL. Provided utility coordination to support the engineer of record's efforts in the development of the request for proposal (RFP) for the Florida Turnpike Enterprise. The planned capacity improvements for this project was to improve traffic flow and operations on SR 417 (Seminole Expressway) by widening the existing 4-lane mainline to eight lanes (four in each direction) to accommodate express lanes that will be completed and implemented along the approximately 6.63 miles long on SR 417 from the Orange County line to north of SR 434. Team reviewed utility marked plans, preliminary Utility work schedules and utility data as they were received for content and coordinated review with the designer. Team held and officiated all the necessary preliminary and design utility meetings in aid of the design team to facilitate discussion between the multiple utility owners to come to a satisfactory resolution of utility conflicts for the RFP creation.

I-4 (SR 400) at Daryl Carter Parkway Interchange, Orange County, FL. This project will convert the Daryl Carter Parkway overpass, between Central Florida Parkway and State Road 535, into a diverging diamond interchange. The interchange will give motorists an alternate route to reach retailers and restaurants in the Lake Buena Vista area. Three new ramps connecting Interstate 4 (I-4) to Daryl Carter Parkway will be built: exit ramps from both directions of I-4 to Daryl Carter Parkway and an entrance ramp to eastbound I-4. Mr. Denty along with the survey team provided various survey and drafting tasks including utility designating (ASCE Quality Level B) and locating (ASCE Quality Level A) SUE within the project corridor and side streets as well as the creation of the Utility Adjustment sheets as part of the overall roadway plan set. He also provided utility coordination services to identify utility owners to facilitate discussion between and the multiple utility owners to come to a satisfactory resolution of utility conflicts.

Sunrail Phase II South, Orange and Osceola Counties, FL. Provided utility coordination in support of the design-build of SunRail's South Expansion includes approximately 17.2 miles of expanded commuter rail service between the Sand Lake Road Station in Orange County and the Poinciana Station in Osceola County on the existing Central Florida Rail Corridor (CFRC). Mr. Denty officiated all the necessary preliminary and weekly design utility meetings in aid of the design team. Reviewed utility marked up plans, utility permits and work schedules as they were received for content and coordinated review with the designer. As utility coordinator he also provided a utility conflict matrix to identify problem areas and to facilitate discussions between the design team and the multiple utility owners to come to a satisfactory resolution of utility conflicts as well as implement a SUE program for the design team.

SR 429 (Wekiva Parkway) from River Oaks Circle to Orange Blvd, Seminole County, FL. This project entails the design of 3.47 miles of new four-lane divided limited access highway along with dual two-lane frontage roads as part of 25 mile Wekiva Parkway in central Florida. Mr. Denty aided the survey/SUE team in the creation of the Utility Adjustment sheets as part of the overall roadway plan set. Mr. Denty was as part of the utility coordination group officiated all the necessary preliminary and design utility meetings in aid of the design team. Reviewed utility marked up plans, utility permits and work schedules as they were received for content and coordinated review with the designer. The team also provided a utility conflict matrix to identify problem areas and to facilitate discussions between the design team and the multiple utility owners to come to a satisfactory resolution of utility conflicts as well as implement a SUE program for the design team.

SRA1A from N of SR500 to S of SR404, Brevard County, FL. The purpose of this project was to extend the life of the existing pavement through methods of rehabilitation. Design elements include milling and repaving, including the existing paved shoulders, side street returns, turn lanes, cross overs, as well as the design of new bus stops, sidewalk, and drainage improvements. Mr. Denty assisted in the utility coordination services to identify utility owners to facilitate discussion between the design team and the multiple utility owners through a detailed utility conflict matrix and implement a SUE program to come to a satisfactory resolution of utility conflicts.



Monica Diaz

Bilingual Community Outreach Specialist

Education:

Arizona State University
Bachelors of Arts in Journalism and Mass Communication Public Relations – 2005

Minor: Human Communication

Years of Professional Experience:

16 years

Professional Experience

Ms. Diaz, Principal of Infinite Source Communications, is a bilingual communications professional, experienced in public involvement (PIO), public relations, print journalism and integrated marketing communications. She has 15 years of professional experience including managing staff, communications budgets of over $1 million and overseeing national marketing campaigns. Ms. Diaz works with agencies such as the Florida Department of Transportation (FDOT), Miami-Dade Transportation Planning Organization (TPO), the City of Miami Beach, and Broward County Public School District. She personally managed outreach for over 70 roadway projects throughout South Florida, serving as the lead spokesperson for FDOT District Six Construction and City of Miami Beach. She is capable of managing high profile public involvement/public relations projects, building public consensus, communicating with key stakeholders and media, and executing marketing and design efforts for multiple clients. She also has the ability to handle numerous tasks quickly and successfully, ensuring goals are being attained and most importantly, that the quality assurance/quality control of the overall directed work is managed successfully. Through her years of experience on various transportation and community outreach projects, Ms. Diaz has built and fostered a variety of key stakeholder relationships and actively works with communities to develop a clear understanding of transportation related matters and municipal development.

Projects Include

- 2017-2018 – PIO Project Manager – FDOT D4 - NW 21 Avenue from SR 816/Oakland Park Blvd. to SR 870/Commercial Boulevard Design – Broward County, FL – Bolton, Perez & Associates: Luis Costa, P.E., 561-717-6496
- 2013-Present – Public Information Manager – 75 Express Managed Lanes Design-Build, Broward County, FL – Target Engineering Group: Raj Rangaswamy P.E., 305-446-2323
- 2018 – PIO Project Manager – FDOT D4 Lauderdale Lakes Mobility Improvements on SR 7/US 441 and Oakland Park Boulevard Design, Broward County, FL – A&P Consulting: Eithel Sierra, P.E., 305-592-7283
- 2017-Present-Public Information Specialist – FDOT D4 SR 869/SW 10 St from Florida's Turnpike/Sawgrass Expressway to SR 9/I-95, RS&H Broward County, FL-Paul Heeg, 954-236-7365
- 2017-2018– PIO Project Manager – FDOT D4 Sunrise Boulevard from NW 10 Avenue to NE 2 Avenue Design – Broward County, FL – A&P Consulting: Eithel Sierra, P.E., 305-592-7283
- 2017-2018 – PIO Project Manager – FDOT D4 Swinton Avenue from SW/SW 10 Street to NE 4 Street Design – Palm Beach County, FL – TRACE Consultants, Favio Laverde, P.E., 305-338-1509

Projects Include

- 2017-2018– PIO Project Manager – FDOT D4 SR A1A/NE Ocean Beach Boulevard from Lyons Bridge to SR 732/Jensen Beach Boulevard Design – Martin County, FL – A&P Consulting: Eithel Sierra, P.E., 305-592-7283
- 2017-2018 – PIO Project Manager – FDOT D4 NE Broward Mobility Design Projects on NE 11 Ave/NE 48 Street, SW 3 Avenue, and SW 10 Street, Broward, County, FL – PE Engineering: Jorge Maspons, P.E., 768-646-9823
- 2016 – PIO Project Manager – FDOT District Four Design Public Information Consulting – SR 9/I-95 north of Woolbright Road to north of Gateway Boulevard/ southbound from Canal L30 to north of Gateway Boulevard, Broward County, FL – WSP: Yamila Hernandez, P.E., 305-514-3154
- 2015-2016 – PIO Project Manager – FDOT District Four Public Information Consulting – SR 5/US 1/Federal Highway Bridge PD&E Study, Jupiter, FL – Kimley-Horn: Lisa Stone, 561-840-0285
- 2017-Present – PIO Project Manager – Miami-Dade TPO Northeast/Beach Corridors Land Use Scenario and Visioning Study Miami-Dade County, FL – Kimley-Horn: Ravi Wijesundera, 954-535-5153
- 2015-Present – PIO Project Manager – City of Miami Beach Convention Center Renovation Project Miami Beach, FL – Miami Beach Project Manager: Maria Hernandez, 305-673-7000
- 2011-Present – PIO Project Manager – City of Miami Beach PIO Services Contract, Miami Beach, Florida – Miami Beach CIP Project Manager: Diana Fontani, 305-673-7071
- 2011-Present – PIO Project Manager - FDOT District Six Design Public Information Consulting Contract – Miami-Dade County, FL – FDOT Project Manager: Tish Burgher, 305-470-5277
- 2011-2013 – PIO Project Manager – City of Miami Beach Central Bayshore Neighborhood Project Miami Beach, FL – Lanzo Construction Project Manager: Bob Beaty, 305-931-9581

Additional Projects

- 2010-2012 – Project Public Information Specialist Consultant – FDOT District Six Construction/The Cunningham Group, Biscayne Boulevard/SR 112 Widening Project, Miami-Dade County, Florida – FDOT Construction Project Manager: Kathy McLendon, 305-640-7437
- 2017– Project Manager – FDOT District Six Design, West Central Miami-Dade Freight Mobility Summit, Miami-Dade County, Florida – FDOT Project Manager: Carlos Castro, 305-470-5100
- 2007-2009 – Public Information Specialist – FDOT District Six Miscellaneous Construction Contract, Miami- Dade County, Florida – Quest Corporation of America – FDOT Construction Project Manager: Kathy McLendon, 305-640-7437
- 2009-2012 – Public Information Officer – City of Miami Beach CIP Office, City Center 9A Right-of-Way Improvement Project, Miami Beach, Florida – Miami Beach CIP Project Manager: Maria Hernandez, 305-673-7000

AECOM

Areas of Expertise

Stormwater Drainage Design
Drainage Modeling

Education

BS, Civil Engineering, Florida International University

Certifications/Registrations

Professional Engineer; FL #46597

Years of Experience

With AECOM: 21 Years
With Other Firms: 10

Juan Carlos Garcia, PE

Drainage

Mr. Garcia has over 31 years of stormwater drainage design experience on South Florida projects. As drainage engineer on the MDT Metrorail Extension from the Earlington Heights Station to the Miami Intermodal Center he was in charge of the drainage design for the Metrorail Extension. Design responsibilities included drainage modeling of the proposed stormwater management systems which included French drains and dry retention ponds. In addition, coordination between MDX was required in order to accommodate the proposed drainage systems for the MDT Rail Line with the existing drainage systems of the SR112 Expressway. For FDOT District 6 SR 826 Interchange at SR 836 he was directly in charge of the drainage design for the entire interchange reconstruction. Design responsibilities included drainage modeling of the stormwater management systems using the AdICPR flood routing software, and preparation of the permit sketches and documentation for the SFWMD, DERM, FDEP, and the USACOE. In addition, Bridge Hydraulics analyses and scour evaluations were conducted for the bridges over a relocated North Line Canal, Venetian Canal, and Airport Canal.

Previous Experience

SR 826 / I-75 Managed Lanes Project, Miami, FL. Drainage engineer for the 12-mile express lanes implementation project of SR 826 (Palmetto Expressway) and I-75 (SR-93). Design responsibilities included drainage modeling of the stormwater management systems using the AdICPR floodrouting software, and preparation of the permit sketches and documentation for the SFWMD, DERM, FDEP, and the USACOE.

FDOT District 6 SR 826/Palmetto Expressway North-South Managed Lanes PD&E Study, FL. Drainage Engineer in responsible charge for developing a feasible, permittable drainage design for the preferred alternate. Design challenges included coordination with archaeological sites which have been deemed off-limits. In addition, coordination with the South Florida Water Management District and the Miami-Dade County Department of Environmental Resources Management was a major part of this project due to the unique permitting conditions of this project..

SR 826 / SR 836 Interchange, Miami-Dade County, FL. Drainage Engineer in responsible charge of the drainage design for the entire interchange reconstruction. Design responsibilities included drainage modeling of the stormwater management systems using the AdICPR floodrouting software, and preparation of the permit sketches and documentation for the SFWMD, DERM, FDEP, and the USACOE. In addition, Bridge Hydraulics analyses and scour evaluations were conducted for the bridges over a relocated North Line Canal, Venetian Canal, and Airport Canal.

Miami-Dade Transit Authority MIC / Earlington Heights Metrorail Extension, Miami-Dade County, FL. Drainage Engineer in responsible charge of the design for the extension of the metrorail from the Earlington Heights station to the Miami Intermodal Center. Design challenges included coordination with the Miami-Dade Expressway Authority for the modification to the existing drainage systems along SR112, and coordination with the Miami-Dade County Department of Environmental Resources management (DERM) in order to address contamination issues at several of the parcels along the project corridor.

SR 836 Westbound Auxiliary Lane, Miami-Dade County, FL. Drainage Engineer in responsible charge of the design for the Westbound Auxiliary lane along SR 836, from N.W. 57th Avenue to N.W. 72nd Avenue. Design challenges included coordination with the future drainage design for the reconfiguration of the SR 826 / SR 836 interchange, and the proposed future widening of SR 836.

SR 9 (I-95) From North of Blue Heron to South of PGA Blvd., Palm Beach County, FL. Drainage Engineer in responsible charge for the design modifications to Interstate 95 from Blue Heron to PGA Boulevard that came about as a result of a Design/Build proposal. Design responsibilities also included obtaining the required permit modifications for the proposed design changes.

MIC/MIA Interchange, Miami, FL. Drainage Engineer in responsible charge of the overall drainage design for the proposed interchange reconstruction. Additional design responsibilities included the hydraulic design of the bridge foundations within the proposed reconfiguration of both the Tamiami Canal (C-4) and the Miami International Airport's Outfall No. 2 Canal using the WSPRO Water Surface Profile software.

NW 17th Avenue Toll Plaza at SR 836, Miami-Dade County, FL. Drainage Engineer in responsible charge of drainage design for this $25 million project that includes reconstruction of 836 between Northwest 27th and 17th Avenues, including a toll plaza equipped with SunPass, an electronic toll collection system, five bridges, construction of a satellite toll plaza on the Northwest 17th Avenue ramps, reconstruction of the 17th Avenue eastbound ramps and provisions for the proposed rail line to the airport and seaport. Design included the modeling of all of the watersheds using the advanced interconnected pond routing (AdICPR) computer model in order to determine the FDOT critical storm, and the proposed water stages.

Miami International Airport New Northside Runway, Drainage Engineer in Charge of the Proposed Drainage Design for the New Runway, Miami-Dade County, FL. Design responsibilities included drainage modeling of the Northwest Cargo Area Watershed and the Terminal Area Watershed using the AdICPR Computer. A pre-post analysis was developed in order to satisfy SFWMD permitting criteria, while a Storm Water Pollution Prevention Plan was developed to satisfy FDEP permitting criteria. This design was completed in July of 2000.

SR 826 Interchange at NW 58th Street, FL. In charge of the drainage design for the reconstruction of the SR 826 interchange at N.W. 58th Street. Design responsibilities included the relocation of the N.W. 58th Street Canal, as well as erosion control and regulatory agency permitting.

Polk County Parkway, Polk County, FL. Engineer-in-Charge of all of the drainage aspects for the proposed highway (Section 6) in Polk County, Florida. Responsibilities included design and coordination of the proposed drainage facilities with the various permitting agencies. In addition, permit drawings needed to be produced for the FDEP and the ACOE in order to obtain a dredge and fill permit.

Golden Glades Toll Plaza, Miami-Dade County, FL. Drainage Engineer in responsible charge of stormwater facilities, stormwater pollution prevention plans, and overhead sign structural design. The design of the toll plaza widening and of the approach lanes' reconfiguration involved AdICPR modeling of the drainage basins, water quality treatment, water quality treatment, water quality attenuation treatment, hydraulic conveyance systems, and erosion control. The FDOT Project Manager for this project was Ramon Soria.

SR 826 Interchange at Bird Road, Miami-Dade County, FL. Drainage Engineer in charge of the overall drainage design for the proposed interchange configuration. Design responsibilities included existing basin analysis using the advanced interconnected pond routing (AdICPR) computer modern, and public involvement in order to establish appropriate design parameters.

FDOT District 3 SR-292 Over Bayou Chico, Escambia County, FL. Drainage Engineer in responsible charge for the replacement of an existing bascule bridge with a fixed new high level bridge. Design responsibilities included a bridge hydraulics analysis of the proposed bridge over a major tidally influenced navigable waterway.

FDOT District 6 US-1 over Jewfish Creek, FL. Drainage Engineer in responsible charge for the PD&E study of the proposed US-1 bridge over Jewfish Creek in Key Largo, Florida. The study included conducting a basin study for the tidally controlled inlets and channels that comprise the US-1 corridor from Florida City to Key Largo.

I-95, from NW 58th Street to NW 95 Street, FL. Drainage Engineer in responsible charge of the proposed drainage design for the highway widening project. Design responsibilities included the design of individual French drain systems for the treatment of water quality and stormwater attenuation prior to outfall.

AECOM

Areas of Expertise

Roadway Design

Education

BSCE, Computer Engineering, Florida Atlantic University

Years of Experience

With AECOM: 5 Years
With Other Firms: 1 Year

Bryan Haskell

Roadway/MOT

Mr. Haskell has experience in roadway lighting, ITS, utility coordination, signing and pavement marking design, plans preparation. He has familiarity with FDOT standards and specifications, MUTCD, ADA Standards, Microstation/Geopak, Corridor Modeling, and GuideSign.

Previous Experience

SR 816/Oakland Park Blvd. Transit & Mobility Projects at Various Roadways, FDOT District Four, FL. Transportation Designer assist in developing Roadway plans, signing and pavement plans, develop 3D modeling, Cross Sections, and quantities. This project consisted of roadway widening to accommodate bicycle lanes, improve drainage, and remove/construct sidewalk to meet Florida Greenbook Standards.

SR 816/Oakland Park Blvd. from SR 869/Sawgrass Expwy to SR A1A, FDOT District Four, FL. Transportation Designer assist in developing Roadway plans, Signing and pavement plans, and quantities. This project consisted of minor bridge widening along SR 817 to accommodate bicycle lanes, installing Transit Signal Priority (TSP) at 11 intersections and bus shelter improvements along SR 816.

SR 836 Enhanced Bus Service Terminals, FDOT District Six, Miami-Dade County, FL. Transportation Designer assist in developing communication plan sheets, implementing CCTV layout and conduit layout throughout bus terminal sites.

SR 836 Enhanced Bus Service Terminals, FDOT District Six, Miami-Dade County, FL. Transportation Designer assist in developing communication plan sheets, implementing CCTV layout and conduit layout throughout bus terminal sites.

Golden Glades Park & Ride Reconstruction, FDOT District Six, Miami-Dade County, FL. Transportation Designer to provide passenger waiting areas and amenities; areas for transit supportive joint development; an enclosed pedestrian bridge to connect the south florida regional transportation authority station with the garage, and office space within the terminal to accommodate administrative and operations staff as well as intelligent transportation system equipment, increase parking spaces.

SR-808/Glades Rd at SR-9/I-95 Interchange Improvement, FDOT District Four, Palm Beach County, FL. Transportation Designer for the proposed roadway widening along SR-808/Glades Road to accommodate physically separated auxiliary lanes for the SR-9/I-95 on-ramps including providing a new bridge over Airport Road, as well as bridge widening over Military Trail and SR-9/I-95. Duties: Cut and create roadway plan sheets and roadway profile sheets.

C9I59 Mobility Hubs, FDOT District Four, Coral Gables, FL. Transportation Designer for the improvement of safety for pedestrians crossing Oakland Park Blvd. and SR-7. Improvements included implementing fencing on medians, widening the turning radius on the main intersection, implementing new bus stop locations.

SR-9/Interstate 95 from South of SR-614/Indrio Road to the St. Lucie/Indian River County Line, FDOT District Four, St. Lucie County, FL. Transportation Designer responsible for developing horizontal and vertical geometric design, typical sections, pavement design, signing and pavement markings, and maintenance of traffic. The project involves widening the I-95 mainline from four to six lanes, ramp reconstruction, milling and resurfacing, drainage, utility coordination, and landscaping enhancements.

AAF Project, D10 Mile Post 298.35, Mile Post 365.52, AAF, Palm Beach, Broward, and Miami-Dade Counties, FL. Transportation Designer supported the production of signing and pavement markings design for 77 grade crossings, quantities for track construction and signing and pavement markings, and MOT. This project consists of rehabilitating and adding a second mainline track along a 65-mile segment of the Florida East Coast Railway (FECR) corridor, upgrading sidings and industry spurs, and reconstruction of grade crossings to accommodate the additional tracks.

AAF Project, D09 Mile Post 233.40, Mile Post 298.35, AAF, St. Lucie, Martin, and Palm Beach Counties, FL. Transportation Designer supported the production of signing and pavement markings design for 186 grade crossings, quantities for track construction and signing and pavement markings, and MOT. This project consisted of rehabilitating the existing mainline and adding a second mainline track along a 67-mile segment of the FECR corridor, upgrading sidings and industry spurs, and reconstruction of grade crossings to accommodate the additional tracks.

ATKINS

Member of the SNC-Lavalin Group

Jason L. Keese, RLA

Senior Landscape Architect

Jason Keese has 14 years of landscape design experience involving commercial development of retail space and offices; urban renewal projects; government facilities design; transit projects; streetscape designs; and highway landscape, as well as the layout and design of parks and recreational facilities, greenway and trail systems, and irrigation design. Mr. Keese's professional experience also includes producing schematic and working drawings of residential, recreational, commercial, or industrial site projects; researching feasibility of alternative design approaches, based upon client's specifications, site conditions, government specifications, or regulations for incorporation into layout; evaluating existing site conditions and preparing site analysis studies; designing and drawing conceptual plans for site layout, planting, and grading for review by colleagues; preparing construction cost estimates; assisting in the coordination of design plans with other disciplines; providing construction observation for projects to ensure plans and specifications are being adhered to; and consulting with vendors for obtaining material samples and/or technical literature and staying up to date on the latest industry trends and styles.

Mr. Keese's Atkins project experience includes:

Coconut Creek Parkway Educational Corridor Sense of Place Design Services, City of Coconut Creek, FL. Landscape designer responsible for developing the initial design concept, overall plant selection and palette, and creating visual aides to illustrate the proposed designs and alternatives. This project involved providing engineering and landscape architecture services for this multimodal, transit-oriented corridor. The scope of work involved road realignment, establishment of medians for function and beautification, shared use pedestrian and bicycle paths, and transit upgrades. The Coconut Creek Educational Corridor was chosen as one of only three corridors in Broward County to serve as a model for the Broward County-initiated Sense of Place project. Sense of Place is a Broward County initiative to create a countywide design guidebook that promotes and implements design guidelines to create pedestrian friendly spaces and public transit, taking into consideration the distinctive character of each city within the county.

Downtown Gateway Conceptual Design Planning Services, Delray Beach Community Redevelopment Agency, Delray Beach, FL. Landscape designer responsible for working with several artists to convert ideas and concepts to the landscape and developing visual diagrams. This project involved the construction of a special gateway to announce the entrance to the downtown area along Atlantic Avenue from the I-95 interchange. The focus of the gateway is to commemorate important events and to reflect the city's identity and history. Phase I services consisted of providing the conceptual design for the entrance with input from four subconsultant artists.

84th Avenue Greenway, City of Plantation, FL. Landscape designer responsible for working on the planting design and developing the irrigation plan and details. This project involved the redevelopment of an existing four-lane roadway with a dividing median into a pedestrian friendly facility. The corridor supports a hospital complex with ER access and several municipal buildings including a public library. Design services were provided for improvements that included new alignment of the roadway; improved pedestrian access and flow; installation of new stop light mast arms, upgrading landscaping; and providing new irrigation.

Total years of experience

14

Years with firm

13

Education

B.S., Landscape Architecture, Purdue University, 2008

Registrations/licenses

Registered Landscape Architect
Florida LA6667398, 2018

Professional affiliations

Irrigation Association
American Society of Landscape Architects

Software

AutoCAD
MicroStation
ProjectWise
Adobe Illustrator, Photoshop
BlueBeam

Venice Downtown Roadway Improvements, City of Venice, FL. Provided irrigation design services and assisted with the landscape and hardscape development. In the heart of Downtown Venice, this project consisted of a complete overhaul of the existing roadway and drainage infrastructure and modernization of the existing landscape and hardscape facilities.

Capital Program Support Services, City of Miami, FL. In-house services consisted of reviewing legacy tree removal permits on behalf of the City and included site verification of proposed tree removals, site reviews to ensure City Code is followed, and ensuring that provided plans meet all requirements set forth by the City.

SR7 (NW 2nd Avenue), Florida Dept. of Transportation, District Six, Miami Gardens, FL. Landscape designer. Responsibilities included landscape, hardscape, and irrigation designs, construction documentation, and coordination efforts with the City of Miami Gardens. This project involved highway improvements and beautification of SR 7 entering into Miami Gardens. Services included landscape and hardscape enhancements along the commercial corridor, including enhanced bus stop locations, sidewalk tree cutouts, and redevelopment of existing medians. Per request of Miami Gardens, irrigation was provided as part of the design.

SR 933 (SW 12th Avenue), Florida Dept. of Transportation, District Six, Miami, FL. Located near Marlins Park, this project is a gateway to the baseball stadium. The project corridor was developed with two aesthetics, one for commercial real estate and one for residential. Primary role was to review and implement the latest technology and innovation in soil cell systems that were used along the commercially-developed region of the project. Additional responsibilities included field verifying existing conditions, verifying sidewalk areas to be removed for installation of soil cell product, and general plans production. Post-production work includes monthly reviews of the project to monitor plant material growth and review project related issues.

SR 5 (Lake Surprise Gateway), Florida Dept. of Transportation, District Six, Key Largo, FL. Responsibilities included landscape design, design review, landscape construction documentation production, and all landscape warranty inspections for highway improvements and beautification of SR 5 entering into Key Largo. Coordinated efforts with the local Chamber of Commerce and the state maintaining agency on installations and approvals.

SR 5 (Biscayne Boulevard), Florida Dept. of Transportation, District Six, Miami, FL. Involved in providing an inventory of existing trees and the relocation plans, construction documentation, and inspection of all relocated materials. Also involved with the landscape, hardscape and irrigation design and construction documentation production. Throughout the process, coordinated with the historical society and city maintaining agency on all installations and approvals of landscape and hardscape treatments. This project involved new streetscape and median beautification as well as irrigation and hardscape improvements of SR 5 (Biscayne Blvd.) from NW 37th Street to NW 87th Street which included the historic MiMo District.



RAJ KRISHNASAMY, P.E.

PRESIDENT, PRINCIPAL ENGINEER
33 Years of Experience
Percentage Availability: 35%

PROFESSIONAL QUALIFICATIONS

EDUCATION

- MS in Geotechnical Engineering, University of Memphis, 1995
- BS in Civil Engineering, Christian Brothers University, 1987
- Diploma in Electronic Engineering, Malaysian Air Force Institute, 1984

PROFESSIONAL ORGANIZATION AND REGISTRATION

- Professional Engineer: Florida, 53567
- Water Well Contractor, Florida, 11346
- Certified OSHA Supervisor
- Certified Environmental Consultant

PROFESSIONAL EXPERIENCE

Mr. Raj Krishnasamy, P.E., President and Principal Engineer of TSF, is a Florida State registered Geotechnical Engineer with over 33 years of experience. Mr. Krishnasamy oversees the geotechnical engineering, construction materials testing, and inspection services operations. His experience consists of successfully completing over 5,000 public and private projects, over 200 roadway projects, and design-build projects totaling over $2 billion in construction costs. He serves as Project Manager for continuing contracts with over 20 Florida public agencies. He has a history of repeatedly retaining those contracts through successful, cost-effective and prompt execution of each task order. Mr. Krishnasamy's daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida. Mr. Krishnasamy and his highly experienced team focus on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget.

RELEVANT PROJECT EXPERIENCE

SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida. Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for several roadway improvements under consideration on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Reviewed the existing data from previous geotech studies. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pill Wall, Light Pole installation, and construction considerations.

SW 4th Avenue at SW 28th Street, Broward County, Florida. Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for the safety improvement project at the intersection of SW 4th Avenue at SW 28th Street in Broward County. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Field work included SPT borings. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction.

RELEVANT PROJECT EXPERIENCE (continued)

I-75 Express Lanes Segment D from South of Sheridan Street to North of Griffin Road, Broward County, Florida. Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for Segment D of the I-75 Express Lanes Project which extends from approximately 4,000 feet south of Sheridan Street at milepost 4.645 to approximately 800 feet north of the South Florida Water Management District (SFWMD) C-11 Canal Bridge (north of Griffin Road) at milepost 8.344 in Broward County, for a total distance of approximately 3.7 miles.

Copans Road Wastewater Replacement Project, Coconut Creek, Florida. Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the Copans Road Wastewater Replacement Project in Coconut Creek. The project consisted of the replacement of the existing force main extending from Sample Road along Lyons to Copans Road and from Copans Road to Florida's Turnpike for a length of about 11,500 linear feet. Provided geotechnical evaluations and recommendations regarding excavations, trench backfill and lateral earth pressures.

ADDITIONAL ABBREVIATED PROJECT EXPERIENCE

- Flashers on Strain Poles – Sample Road, West of University, Coral Springs, Florida
- Parking Lot Pavement Cores, 11540-11550 Wiles Road, Coral Springs, Florida
- Nob Hill Road, Coral Springs, Florida
- Pine Island Road Widening from SR 84 to Nova Drive, Broward County, Florida
- All Electronic Tolling (AET) Phase 5A Conversion, Broward and Palm Beach Counties, Florida (2014)
- SW 36th Street Relocation from SW 73rd Avenue to SW 76th Terrace, Davie, Florida
- Wiles Rd Widening from Rock Island Rd to US-441, Broward County, Florida
- SW 67th Avenue from SW 41st Court to Orange Drive, Davie, Florida
- Hiatus Road Extension from Sunrise Boulevard to Oakland Park Boulevard, Broward County, Florida
- South Florida AET Phase 4B, Broward and Miami-Dade Counties, Florida
- Improvement of SR A1A from south of SE 3rd Street to north of NE 7th Street, City of Deerfield Beach, Florida
- SW 36th Avenue Pedestrian Bridge and Path, City of Pompano Beach, Florida
- ATMS Deployment in Southern Broward County (Design-Build Project), Broward County, Florida
- SFRC Bascule Bridge Replacement over the New River, Broward County, Florida
- I-95 Express Lanes in Broward and Miami-Dade Counties - Design-Build
- NE 34th Court Roadway Improvements, Oakland Park, Florida
- SW 202 Avenue, Southwest Ranch, Florida
- Safety Projects - Intersection of SR 824 & SW 31st Avenue and Intersection SR 817 & Miramar Parkway, Broward County, Florida
- ATMS Installation in Central Broward County, Broward County, Florida
- SR 823/Flamingo Road from North of SR 818/Griffin Road to South of SR 84, Broward County, Florida
- Pedestrian Bridge at Floranda Road, Oakland Park, Florida

AECOM

Areas of Expertise

Roadway Design

Education

BSCE, Civil Engineering, Florida Atlantic University

Years of Experience

With AECOM: 1 year
With Other Firms: 1 year

Thiago Ortiz

Signing and Pavement Markings

Mr. Ortiz has experience in roadway, lighting, utility coordination, plans preparation. With two years of experience in Transportation and Roadway Design, Mr. Ortiz acquired knowledge in management. He has familiarity with FDOT standards and specifications, MUTCD, ADA Standards, Microstation Geopak, Autoturn and GuideSign.

Previous Experience

SR-816/Oakland Park Boulevard from SR-817/University Drive to SR-5/US-1, Florida Department of Transportation (FDOT), FDOT District Four, Broward County, FL (2018-2019). Transportation Designer assist in Signing and Pavement Marking (SP&M) plan production and quantities. The project consisted of System Roadways, Bicycle Lanes, Bus Shelters and Transit Signal Priority.

Seminole Pratt Whitney Road from Orange Boulevard to Northlake Boulevard, Palm Beach County, FL (2019). Transportation Designer assist developing roadway, signing and pavement markings, cross sections and drainage cross plans in accordance with the Palm Beach County Standards and FDOT Standards. The project consists of widening one lane along Seminole Pratt Whitney Road for future accommodations.

South Corridor Rapid Transit Project – Project Development & Environmental (PD&E), Miami-Dade Depart of Transportation and Public Works (DTPW) (2019-Present). Mr. Ortiz assisted in developing Lighting, Signal and ITS conceptual plans for the intersection and Bus Rapid Transit (BRT) stations within the limit of the project. The project consists of providing iconic, safe, comfortable, rain-and sun-protected environments for the users of the rapid transit in the South Corridor. The BRT Stations will be provided with fare vending machines, videos screens providing real time information about the arrival of the buses or trains, maps conveying the layout of the overall system, emergency pylons, Wi-Fi connection, security cameras located strategically through each BRT Station, and other items.

SR-976 Bird Road Resurfacing, Restoration, and Rehabilitation (RRR) and Safety Project. Florida Department of Transportation (FDOT), FDOT District Six, Miami-Dade County, FL (2017). Transportation Designer assist in a combination of a Safety Improvement and RRR (Resurfacing, Restoration, and Rehabilitation) in which an analysis of existing features within the right of way needs to meet the State of Florida Standards. Mr. Ortiz also designed the pedestrian ramps to comply with ADA (Americans with Disabilities Act) standards, assisted in the roadway plan production and quantities. This RRR project consisted of 1.5 miles along SR976 from SW 11500 BLK to SSW 102th Avenue.

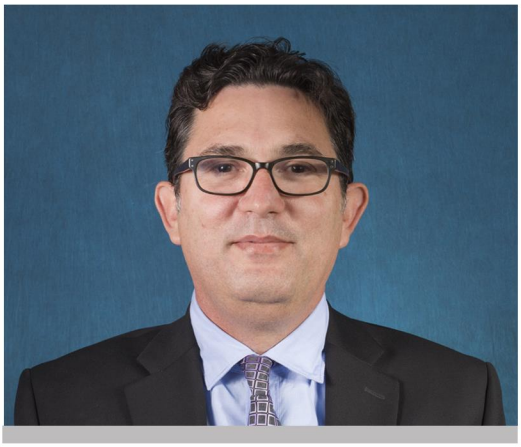
SR-862/I-595 Airport Ramp Resurfacing Maintenance Project, Florida Department of Transportation (FDOT), Miami-Dade County, FL (2017). Transportation Designer assist developing Traffic Control Plans Analyses and production plans, analyzing detours, the most appropriate approach for lane closures in accordance with the Florida Department of Transportation (FDOT) Standards.

SR-925 NW 3rd Court and NW 3rd Ave. Resurfacing, Restoration and Rehabilitation (RRR), Ribberick Engineering, Miami-Dade County, FL (2018). Transportation Designer assist developing Traffic Control Plans for each phase of the project. In addition, detours were analyzed to meet the Florida Department of Transportation (FDOT) Standards.

SW 67th Ave and SW 136th St Roadway Widening, Village of Pincecrest, FL (2018). Transportation Designer assist developing roadway plan sheets. Analyzed and designed the widening and provided a utility coordination. The project consisted of providing a greater storage for the SB left turn to accommodate the traffic during peak hours.

SW 82nd Ave and SW 124th St Signal Intersection Improvement, Village of Pincecrest, FL (2018). Transportation Designer assist developing Signal plan sheets. The project consisted of a providing pedestrian signal poles for the major and minor street and pedestrian ramps improvement.

Frank Paruas, PSM
Surveyor



PROPOSED PROJECT ASSIGNMENT: Project Manager/POC

EDUCATION:
BS / Mechanical Engineering / Oriente University Cuba /1997

REGISTRATIONS:
Professional Surveyor & Mapper #LS6625/ FL

YEARS WITH FIRM: *1*
TOTAL YEARS' EXPERIENCE: *20*

PROFESSIONAL AFFILIATIONS:
Florida Surveying and Mapping Society (FSMS) / Central Florida and South Florida, Member

Professional Profile
Mr. Paruas has over 20 years of surveying and mapping experience in South Florida. He has served as Project Surveyor on multiple FDOT Contracts. His extensive experience allows him to remain intimately familiar with FDOT standards, policies and procedures of the Department. Furthermore, he has an existing working relationship with FDOT and is very familiar with the District Standards for Surveying and Mapping, as well as underground utilities investigations (SUE). Mr. Paruas is also familiar with the preparation of 3D Survey files combining the use of Terrestrial Mobile and Static Scanner with Aerial LiDAR and Imagery.

Relevant Project Experience
Shared-Use Non-motorized (SUN) Trail, St. Lucie County, FL. GPI provided a 3D design survey of the project corridor utilizing a combination of Aerial LiDAR and Photogrammetry. The topographic survey data was used to support the efforts for planning and designing the development of a statewide system of paved non-motorized trails as a component of the Florida Greenways and Trails System (FGTS), which is planned by the Florida Department of Environmental Protection (FDEP). GPI secured the aerial LiDAR and imagery. *Client: Florida Department of Transportation-District 4*

SR 25 / US 27 from Broward / Palm Beach County Line to MP 12.599, Broward County, FL. GPI was tasked to provide a 3D design survey of the 12.6-mile project corridor utilizing a combination of Terrestrial Mobile LiDAR (TML) and conventional survey to support the roadway resurfacing design. GPI was also responsible for target placement and merging the field survey data and our LiDAR data set for the final deliverable to the District. Deliverables included a calibrated LiDAR point cloud tiled in LAS format, DTM and planimetric topographic survey files in MicroStation SS4 format, digital geo-referenced color imagery and a cross slope report for north and south bound roadways. *Client: Florida Department of Transportation-District 4*

Broward Mobility Project, Miramar/Hollywood, FL. Mr. Paruas serves as Survey Project Manager for this Design Project providing ground survey support, including obtaining Right-of-Way lines for two corridors ±6 miles long. The scope included Horizontal and Vertical Control, re-establishing the Historical Baseline of Survey, preparing PNC Sheets, providing ground survey support for the Topographic/ DTM Survey and providing underground utility survey. *Client: Florida Department of Transportation-District 4*

Broward Mobility Projects, NE Broward (Pompano Beach/ Deerfield Beach), Broward County, FL. This 6.3 corridor mile project required a hybrid approach of mobile LiDAR and conventional survey to provide a 3D and 2D design survey. The topographic survey data will be utilized to support the design mobility improvements of bike lanes, ADA ramps and sidewalks along the project corridors on NE 11th Avenue, NE 48th Street, SW 3rd Avenue and SE 2nd Avenue. GPI was also responsible for target placement and merging the field survey data and our LiDAR data set for the final deliverable to the District. *Client: Florida Department of Transportation-District 4*

SR 820 Hollywood Boulevard from City Hall to Federal Highway, Broward County, FL. This project included a complete design survey for the entire corridor. Horizontal and Vertical Control and a completed Topographic Survey, DTM, Utility and Drainage for this 1-mile corridor were provided. Scope included establishing the Baseline of Survey and Right- of-Way lines along the corridor. *Client: Florida Department of Transportation-District 4*

SR 7/US 441 from Broward-Palm Beach County Line to SR 808 Glades Road, Broward County, FL. This project consisted of a complete design survey for the entire corridor. Horizontal and Vertical Control and Topographic surveys, as well as a DTM for the off-pavement and soft areas were provided. Complete Utility and Drainage Survey was performed for this 2.5-mile corridor. Scope included establishing the Baseline of Survey and Right-of-Way lines along the corridor. *Client: Florida Department of Transportation-District 4*

SR 84 West of Glades Pkwy. to East Indian Trace, West Broward, FL. Under this contract, complete design survey for the entire corridor was performed. Horizontal and Vertical Control Survey and Complete Topographic and DTM for the entire corridor was provided. Complete Utility and Drainage Survey was performed for this 1-mile corridor. Scope included establishing the Baseline of Survey and Right-of-Way lines along the corridor. *Client: Florida Department of Transportation- District 4*

SR 862 at Davie Road, Broward County, FL. Mr Paruas performed a complete design survey for the entire corridor, Horizontal and Vertical Control Survey and performed Complete Topographic and DTM for the entire corridor. Complete Utility and Drainage Survey was performed for this 1-mile corridor. Scope included establishing the Baseline of Survey and Right-of-Way lines along the corridor. Additionally, he performed a complete underground utility investigation including the location of the drainage pipes. *Client: Florida Department of Transportation-District 4*

Districtwide Survey & Mapping Services Support, Various Counties, FL. Mr. Paruas is the Project Manager. Under this contract, Mr. Paruas provided miscellaneous surveying services throughout Broward, Palm Beach, Indian River, Martin, and St. Lucie Counties. Services include Boundaries, Right-of-Way, Engineering, Design Surveys, Construction Lay-Out and As-built Surveys, and Horizontal and Vertical Control surveying at various locations throughout the District. *Client: Florida Department of Transportation-District 4*

SR 845 (Powerline Road) from SR 838 to NW 19th Street, Broward County, FL. Mr. Paruas served a Survey Project Manager for this complete design survey for the entire corridor, he performed Control Survey, PNC Sheets, and ground survey. *Client: Florida Department of Transportation-District 4*

Hiatus Road and Miramar Parkway Park and Ride, Broward County, FL. This project involved a complete Design Survey for the future Park and Ride Project at the intersection of Miramar Parkway and Hiatus Road. Mr. Paruas was the Survey Project Manager on this project that included Control Survey, Topographic/DTM Survey, and Boundary Survey for the Department. The Topographic Survey was also submitted to the City of Miramar for the permitting process. *Client: Florida Department of Transportation-District 4*

Districtwide Underground Utility Services, Various Counties, FL. Mr. Paruas served as Project Surveyor in this contract; he was responsible for complying with District Survey Requirements, Data Collection, and Final Delivery. Mr. Paruas provided survey and mapping services of existing surface and subsurface utilities to support the design of construction plans on projects selected by the Department. *Client: Florida Department of Transportation-District 4*

I-95 Interchange at Pioneer Trail PD&E Study, Volusia County, FL. GPI provided a 3D design survey of the 7 mile project corridor utilizing a combination of aerial imagery and mobile LiDAR data. The topographic survey data was used to support the efforts for planning and designing a proposed interchange along I-95 and Pioneer Trail between SR 421/Dunlawton Avenue and SR 44/Lytle Avenue. GPI secured terrestrial mobile LiDAR data (TML) using our Riegl VMX-450 Laser Scanning System the aerial ortho imagery utilizing our fixed-wing aircraft equipped our Vexcel Eagle 100 digital camera. Visible topographic features were extracted from the mobile LiDAR point cloud, and photogrammetric imagery. *Client: Florida Department of Transportation-District 5*

Districtwide Miscellaneous Location Survey Consultant, Miami-Dade & Monroe Counties, FL. Mr. Paruas serves as the Project Manager for this contract. The scope of this project involves providing various types of survey services on a Task Work Order basis throughout Miami-Dade & Monroe Counties. *Client: Florida Department of Transportation-District 6*

Areas of Expertise

Construction Engineering Inspection/Roadway/Bridges

Education

MBA, Coursework, Florida International University, 1987

BS, Civil Engineering, Florida International University, 1986

BS, Electrical Engineering, Florida International University, 1984

Registration

1996/Professional Engineer/ Florida #0052065

Certifications

TIN #: P40043658

CTQP

9-24/Final Estimates, Level 1

9-24/Final Estimates, Level 2

Taken & Passed Exam/QC Manager

OTHER

4-21/Temporary Traffic Control (TTC) Advanced - FDOT Approved

10-21/Critical Structures Construction Issues SSC

No Expiration/FDEP Qualified Stormwater Management Inspector #2117

No Expiration/ITS Facility Management (ITSFM) Access to Learning Curve - FDOT

No Expiration/ITS Facility Management (ITSFM) Maintainer Computer Based Training - FDOT

Years of Experience

With AECOM: 22 Years

With Other Firms: 10 Years

Jose R. Polo, PE

Construction Inspector Engineer

Mr. Polo has over 32 years of construction management and construction engineering and inspection experience in Florida on a diverse range of projects including highway and bridge projects in various roles, mainly in South Florida. In addition, he has experience in many traffic signalization and ITS projects.

CM/Claim Specialist, Port of Miami, Miami, FL (1/20–Present). Serving as Claim Specialist for "Contractor". Work includes reviewing and evaluating existing and potential claims from the Contractor.

CM/Sr. Project Engineer, CEI Services for the Lantana Airport-Southside Redevelopment Phases 1 and 2, Palm Beach County Department of Airports, Lantana, FL (8/1/17-1/20). Serving as CEI Construction Manager/Sr. Project Engineer for the Lantana Airport redevelopment. Work includes: installation of storm drainage, water and sewer, excavation of ponds, embankment, stabilization, base, structural asphalt, electrical conduits, F.O.C., hangar construction, lighting, signing and markings, landscaping and irrigation [Tasks: I-13-LNA-C-014 & I-14-LNA-C-027; PBC Project No. 17-1 and FPIDs: 422467-1-94-01, 425723-1-94-01, 427915-1-94-01, & 434600-1-94-01] *PBC DOA Reference: Cynthia Portnoy, PE, Project Manager; (561) 471-7411*

Sr. Project Engineer, CEI Services for Districtwide OMD and PL-EM Rail, FDOT District Four, Martin and Broward Counties, FL (6/14/17-5/19). Served as CEI Sr. Project Engineer subconsultant to Hanson Professional Services, Inc. for several FEC railroad crossings rehabilitation from Martin to Broward County. Work included: MOT coordination with FEC, Contractor, Emergency Agencies, School Boards, County Engineering and Transit Departments, residents and business as well as monitoring the railroad crossing rehabilitation work. [FPID: 437083-11-12-1 Contract C9Q89] *FDOT Reference: Maurice Borrows, District Rail Coordinator; (954) 777-4379*

Sr. Project Engineer, Krome Avenue North #5, FDOT District Six, Miami, FL (4/16-3/17). Provided CEI services for the widening of 3.5 miles on SR-997/Krome Avenue, including a new SB bridge and demolition of the existing NB bridge and construction of the NB bridge. Work included: regular and subsoil excavation, embankment with LBR 126, French drain drainage, stabilization, rock base, SP asphalt, guardrail, sodding, and signing and markings. [FPIDs: 249615-5-52-01, 436313-1-52-01] *FDOT Reference: John Garzia, PE; Program Manager; (786) 510-6822*

Sr. Project Engineer, Design-Build Project for System-Wide Implementation of Dynamic Message Signs CEI, Miami-Dade Expressway Authority (MDX), Miami, FL (3/15-2/16). Served as Sr. Project Engineer for the CEI Services on deployment of 18 Dynamic Messages Signs (DMS) including confirmation CCTV cameras, incident management cameras, power services, and fiber optic cable throughout the MDX roadway network including SR 874 (Don Shula Expressway), SR 878 (Snapper Creek Expressway), SR 924 (Gratigny Parkway), SR 836 (Dolphin Expressway), and SR 112. Responsible for overseeing CEI Team and construction activities including drilled shaft foundations, gantry aesthetic structure erection, review electric power systems, ITS devices configuration, integration and testing. Construction Cost: $7.5M. *MDX Reference: Hugh Stetter; (954) 931-0185*

Project Engineer/Sr. Project Engineer, I-75 from Lee/Charlotte County Line to North of Tuckers Grade, FDOT District One, Punta Gorda, FL (3/15-4/16). Provided CEI services for the widening of 16 miles of the Florida Interstate I-75 including bridge widening thru Charlotte County. Work included: excavation and embankment, ponds, drainage, box culvert extensions, stabilization, rock base, SP asphalt, guardrail, sodding, and signing and markings. [FPIDs: 413042-2-52-01, 435100-1-52-01] *FDOT Reference: Nikesh Patel, PE; Interstate Resident Engineer; (941) 465-0411*

Sr. Project Engineer/Project Engineer, Poinciana Parkway, Osceola County Expressway Authority (OCX), Davenport, FL (4/14-4/15). Served as SPE/Project Engineer for the construction of approximately 9.5 miles of roadway, including a 6,169-foot long bridge over the Reedy Creek Mitigation Bank environmental sensitive wetland areas and two other smaller bridges over Marygold Avenue and Koa Street. [FPID: 433722-1-58-01] *OCX Reference: Reference: Frank Raymond, Project Engineer; (407) 402-6186, frank.raymond@osceola.org*

Senior Project Engineer, FDOT District Seven District Wide Bridge Repair CEI Services, Hillsborough/Pinellas Counties, FL (4/13-9/14). Served as Senior Project Engineer for multiple repair projects for existing bridge structures as assigned by the District Seven - District Bridge office. Projects assigned to include the Hillsborough Bascule Bridge Rehabilitation, Howard Frankland, Pinellas Bayway Structure E, Skyway, and Clearwater Memorial bridges. Work included bearing replacement, crack injection, machinery rehabilitation, beam metalizing, expansion joint replacement, spall repair, and carbon fiber beam repair. [FPID: 412593-1-62-08] *FDOT Reference: Jay Alkhatib, Project Manager; (813) 612-3371*

Senior Project Engineer, District Wide Bridge Projects, FDOT District One, FL (3/13-10/14). Provided project administration and construction engineering inspection services for bridge projects district wide. [Lead FPID: 412550-1-62-06]

- District Wide Contract [FPID: 431700-1-52-01]
  - Cortez Rd., SR 484 (Bridge #130006), Manatee County
  - Stickney Point, SR 72 (Bridges #170052 and #170065), Sarasota County
  - Wilson Pigott, SR 31 (Bridge #120064), Lee County
  - Caloosahatchee Bridge, SR 41 (Bridge #120002), Lee County
  - SR 82 over Panther Canal (Bridges #030142 and #030143), Lee County
  - SR 80 over Parker Creek (Bridge #040940), Okeechobee County
- I-75 at I-275 (Bridge # 30112; 5 spans) Manatee County [FPID: 429044-1-52-01]
- Istokpoga Bridge, SR 700 (Bridge #090032; 5 spans), Highlands County [FPID: 429042-1-52-01]
- Long Boat Key Bridge, SR 789 (Bridge #130057; 8 spans), Sarasota County [FPID: 413229-4-52-01]
- New Pass Bridge, SR 789 (Bridge #170158; 8 spans with Cantilever Drawbridge), Sarasota [FPID: 427284-1-52-01]
- Charlotte County Bridge Repairs (8 various locations), Charlotte County [FPID: 430011-1-52-01]

FDOT Reference: Marshall Hampton, Project Manager; (813) 975-7581

Senior Project Engineer, SR 90 Modifications to Tamiami Trail, USACE/FDOT Project for Water Deliveries to Everglades National Park, Miami-Dade Counties, FL (5/11-3/13). Managed a staff of seven inspectors for the SR 90 modifications to Tamiami Trail, where we provided quality control inspection services to Kiewit Infrastructure South Company. Specific duties included contract administration, tracking personnel and hours, invoicing, change orders, and attending meetings. [FPID: W912EP-09-C0-060] *Project Reference: Alan Dickson, 407-453-0368*

Senior Project Engineer, Bridge of Lions Rehabilitation, FDOT District Two, St. Augustine, FL (6/08-9/11). This $80M historic bridge rehabilitation consisted of building a new temporary bridge, rehabilitating the existing bridge, and demolishing the previously built temporary bridge. The bascule span structure included a superstructure of steel plate girders with a composite exodermic deck and a substructure consisting of the existing and modified foundation for the bascule piers and existing bascule towers that enclose the counterweight along with the machinery and electrical equipment. The bascule piers are supported on 96-inch drilled shafts. The superstructure type for the approach spans are steel girders and a substructure consisting of cast-in-place concrete piers supported on a cast-in-place foundation cap with 96-inch diameter drilled shafts. The span length for the bascule span is 95 feet between centerline of bearing and centerline of rack and 115 feet between the centerline of the bascule piers. The span arrangement for the west side approach is 14-span units consisting of the first five spans at 30 feet, and the following nine spans at 70 feet, adjacent to the bascule span. The east side approaches consist of nine span units of 70 feet each. The total length of the bridge is 1,545 feet.

Work under his supervision started halfway into the rehabilitation process and consisted of pier construction, steel span assembly and installation, historical concrete restoration on bascule towers, bascule machinery fabrication, and installation, roadway construction, drainage, signalization, lighting, signing and pavement markings. [FPID: 210255-1-52-01] *FDOT Reference: Jeffrey Williams, PE, Project Manager; (386) 937-7104*

AECOM

Areas of Expertise

Project Engineer
Roadway Design
Traffic Control

Education

BSCE, Civil Engineering, National University of Colombia

Certifications/Registrations

Professional Engineer; FL #52068

Advanced MOT Certification

Years of Experience

With AECOM: 2 Years
With Other Firms: 30

Orlando Ramirez, PE

Signing and Pavement Markings

Orlando Ramirez has more than 32 years of experience in the design, permitting and construction administration of transportation, site work and utility projects. He has more than 30 years of experience in Florida, which includes Florida Department of Transportation (FDOT) projects and local government projects. His has worked in FDOT Districts Four and Six and with local governments, including: the City of Sunny Isles, City of Miami and Miami-Dade County. Orlando has extensive experience in highway/roadway design and has a thorough understanding of both the design and construction aspects of the transportation industry.

Previous Experience

SR5 Overseas Hwy, Sea Oats Beach and The Fills, Islamorada, FL. District Six In-House Consultant. Responsible for developing horizontal and vertical geometric design, typical sections, maintenance of traffic, and permit coordination. The project involves rehabilitation of side slopes protection for damages during Hurricane Irma along the shore line on both sides of these islands.

SR 826/Palmetto Expy. - SR 826 Eastbound Ramp to SR 9A/I-95 Northbound, FL. The scope of the project includes roadway reconstruction along SR-826 / Palmetto Expressway from SR- west of NW 17th Avenue in order to add express lanes, enhance access to the adjacent frontage roads, and provide improvements at the existing interchanges. These improvements include adding one to two express lanes with auxiliary lanes along the SR-826 / Palmetto Expressway mainline, as well as roadway reconstruction along westbound and eastbound NW 167th Street. Work includes Traffic control analysis and construction phasing for this part of the SR 826 corridor. Design and production for the TCP plans and coordination with the development on TCP phases.

Interstate 75 (I-75) Express Lanes Segment E Design-Build (D-B), FDOT District Four, Broward County, FL. This 4.7-mile project includes four new express lanes connected to three existing reversible express lanes via a new flyover bridge utilizing a concrete box beam design. Work includes supervising roadway analysis, updating conceptual design and coordination structure and pond designs with highway infrastructure features and document control.

Veterans Drive Improvements, St. Thomas, U.S. Virgin Islands: Engineer for the roadway improvements along the waterfront at Charlotte Amalie on the island of St. Thomas. Parsons Brinckerhoff is performing environmental assessment and preliminary engineering of approximately 1.3 miles of roadway widening/ reconstruction along the waterfront at Charlotte Amalie. Other elements of this $41-million project include development of new docking and passenger facilities for cruise ship tenders, historic preservation and restoration of the Legislature Building and Fort Christian, and a landscaped promenade along the harbor front. Work includes roadway design, traffic control plans, pavement marking and signing along this historic route.

Interstate I-95 HOV Lane Conversion to Managed Lanes Proposal for Segment 3A-1, FL. The project involves the construction of one additional managed lane from south of Broward Boulevard to just north of Commercial Blvd in Fort Lauderdale. This will be accomplished mostly by outside widening (roadway and bridges), overbuild and restriping along the corridor. Typical section alternatives consist of repositioning / restriping the existing HOV lane, and four General Purpose (GP) Lanes and auxiliary lanes in designated sections, within the limits of the existing northbound I-95 pavement section and maintain optimal design in coordination with adjacent projects. Signing design will be new and coordination with adjoining projects will be done to insure spacing for exit and guide signs meet standards. Supplemental signing and markings will be evaluated and used to maintain a smooth transition in construction zones.

State Road (SR) 821 Homestead Extension of the Florida's Turnpike (HEFT) Widening, Florida's Turnpike Enterprise, Miami, FL. Major responsibilities include geometry quality control (QC) and proposed upgrade to the roadway design standards. This included two additional lanes in each direction along the mainline for the widening of approximately 2.5 miles (4 kilometers) of the Turnpike. Express lanes and related improvements to local roads from SW 216th Street to Eureka Drive (SW 184th Street) were also added.

West Flagler Street from NW 14th Avenue to NW 27th Avenue, Miami, FL. Project engineer for several improvements along West Flagler Street with new drainage redesign to improve pavement grades, drainage and parking areas for the reconstruction of this urban facility.

Fort Lauderdale Runway Airport Expansion, Fort Lauderdale, FL. This project included a new braided ramp and roadway system that included a bridge structure north of the main interchange to the airport terminals. The braided roadway allows access to Port

Everglades and the Interstate 595 (I-595) ramp system. Involved with the roadway design, traffic control plan (TCP) phasing and geometry since the system was instrumental for the uninterrupted construction of the runway structures. Responsibilities included assisting the project manager with field inspections, overseeing construction operations, QC and supervision of traffic control planning.

Port of Miami Tunnel (POMT), FDOT District Six, Miami, FL. This design/build project included roadway improvements for portal and access to the POMT in Watson and Dodge Islands. Responsibilities included highway design and coordination with drainage and utilities.

Turnpike Homestead Express Lanes, Florida's Turnpike Enterprise, Miami, FL. The proposed improvements for Homestead toll plaza involved two mainline lane widenings on the median and the addition of three ramps (northbound and southbound lanes) to accommodate three conventional toll collection lanes on each direction. The proposed concept required that the existing plaza canopy be partially removed and reconstructed to accommodate the proposed express SunPass lanes through the center. Major responsibilities included the highway design coordination and TCP design.

NW 87th Avenue Design Project, FDOT District Six, Miami, FL. Project engineer the reconstruction of the pre-existing two-lane, undivided, rural section of NW 87th Avenue between NW 58th Street and NW 74th Street to a five-lane, undivided urban section. The typical section includes a two-way, left-turn lane in the median, curb and gutter and six-foot sidewalks in each direction. A complete stormwater management system was constructed including extension of an 84-inch culvert, installation of a closed drainage system, construction of new canal headwalls and construction of a pollution control structure due to limited storm water management facility opportunities within the corridor. The project also included the reconstruction of NW 58th Street from .5 miles (.8 kilometers) west to .5 miles (.8 kilometers) east of NW 87th Avenue. The work along NW 58th Street included construction of a concrete barrier wall and sheet pile bulkhead wall for the encroachment of the widened roadway section into the limits of the parallel NW 58th Street canal.

Eller Drive/U.S. 1 Loop New Facility Design, FDOT District Four, Broward County, FL. Project for a loop that provided direct connection from westbound Eller Drive to southbound U.S. 1, which was grade separated. The proposed Loop Ramp contains four different ramp typical sections that include mechanically-separated earth (MSE) retaining walls and barrier walls, as well as a bridge structure over an existing ramp connecting U.S. 1 southbound and I-595 westbound. Responsibilities included control drawings for the MSE walls and TCP preparation.

Jewfish Creek Bridge Replacement, FDOT District Six, Miami-Dade County, FL. Project engineer on the addition of a new section over a five-mile (8-kilometer) corridor from Dade County line to Key Largo.

Fort Lauderdale/Hollywood International Airport Full Directional Interchange, FDOT, Fort Lauderdale, FL. Project Engineer for the interchange expansion that addressed vertical and horizontal geometry improvements while providing an additional lanes to the departure level.

City of Sunny Isles Beach, FL. Project engineer for several improvements such as new drainage redesign to improve pavement grades, conditions and drainage at the north island of the city.

NE 12th Avenue (from 151st Street to 167th Street), Miami-Dade Public Works, FL. Project manager who coordinated the drainage design and utility relocation for about 1.5 miles (2.4 kilometers) of urban design.

I-95 West Palm Beach International Airport Interchange, FDOT District Four, West Palm Beach, FL. Three-level interchange to improve major traffic on the local system. Located between Southern Boulevard and Belvedere Road, this project includes several constraints from right-of-way limitations, the glide path and railroad crossings. Responsible for design and coordination of temporary sheet piling control drawings in coordination with TCP plans.

AECOM

Areas of Expertise

Structural Engineering

Specialized Inspections

Non-Destructive Testing

Education

BS, Civil Engineering, Florida State University

Certifications/Registrations

Professional Engineer; FL # 60230

Years of Experience

With AECOM: 20 Years

Jesse Richterkessing, PE

Miscellaneous Structures

Mr. Richterkessing has over 20 years of experience and has focused specifically in the area of structural design of highway related structures. His project experience includes design, analysis and inspection of post-tensioned concrete segmental bridges, precast girder bridges, steel girder bridges and other various transportation structures.

Previous Experience

SR5 over the Loxahatchee River, Bridge 930005, Substructure Evaluation, FDOT District Four, FL. Structural Engineer for the evaluation of the existing substructure of the approach spans for the SR5 Bridge over the Loxahatchee River. This is an existing 18 span bridge with a movable main span which is being scheduled for replacement. The task was to evaluate the approach spans pile bent substructures to assure the safety of the structure for the remaining life of the structure. The bridge over its history has had pile jacketing retrofits to the piles due to deterioration of these piles within the tidal zone. The pile bents were modeled with FBMultipier to capture the pile soil interaction and capture the forces in each pile. The bents were modeled with their existing condition with jackets where they exist. The existing piles and jackets were structurally evaluated to determine the demand vs capacity to ensure the safety of the bridge. Based on this evaluation, along with the FDOT Materials Office corrosion evaluation, additional steel jackets were designed and installed.

I-95 at Lantana Road Interchange, Ramp K Widening, and Ramp J and Structure E Traffic Railing Retrofit, FDOT District Four, FL. Estimated construction cost: $3 M; Design Fee: $240,000; Estimated Completion Date: 2015. Lead Structural Engineer and Task Manager for the 6-span widening of Ramp K and barrier retrofit of Ramp J and Structure E under the FDOT – D4 Emergency Bridge Contract. The widening will be done with FIB 45 beams for the superstructure to match the existing height of the existing AASHTO beams. The substructure will be made up of a single hammer-head pier founded on 18" sq-in concrete piles. The project also includes about 1000 ft. of proprietary MSE walls, 1000 ft. of temporary critical sheet pile wall and a strain pole signal system replacement that is being supported by the existing pier caps. Additional task included post-design services due to the complexity of the interchange.

Districtwide Load Rating of Complex Structures, District Six, FL. AECOM is a subcontractor for this districtwide task-order structures project. Structural Engineer and QC reviewer for this project involving load rating of structures throughout District 6.

SR76 (Kanner Hwy) Reconstruction, FL. Structural Designer and Project Manager for preparing contract plans and associated calculations for the reconstruction of Kanner Hwy West of I-95 to Monterey Rd. Project included 2 bridge widenings of AASHTO Type Beams and Slab bridges using the new Florida-I Beams. Shallower beams were required to match existing vertical clearances which required using an FIB 36 over the Florida Turnpike in lieu of an AASHTO Type IV and modifying an FIB 36 by removing the top flange over the St Lucie River where AASHTO Type II Beams were used. Additional tasks included design of miscellaneous structures: MSE Walls, Soil Nail Walls, mast arms and culverts. This conventional job was converted to a design – build job at the constructability level, in which, we are currently representing the Department and reviewing design calculations and plans.

Long Key Bridge V-Pier at Expansion Joint Replacement and Deviation Blocks Repairs, FDOT District Six, FL. Engineer performing quality control for the replacement of twelve (12) expansion joint V-piers on this 3 mile long 103-span concrete segmental bridge built in the 1980 using the span-by-span method of construction. The tasks have included quality control of finite element model to capture wind and live loads and the design of an innovative steel temporary support system where live traffic is always allowed during construction, and the final design of the replacement piers.

Tappan Zee Bridge, NYDOT, New York, NY. Structural Engineer for an independent analysis of the new Tappan Zee Bridge in New York State. AECOM provided services to the client to provide an independent analysis of the approach spans designed by HDR Engineers. This is a fast track design-build project and the analysis and design checks were performed at an accelerated pace. The structure consisted of steel plate girders supported by multi-column bents on concrete filled pipe piles. There were a total of 10 units for both the east and west bridges with average spans of approximately 300'. Tasks included substructure analysis and independent design checks for pipe pile foundation system, precast pile cap tubs with CIP infills, CIP Columns and precast pier caps with CIP infills. The precast sections were designed as hybrid systems due to the size of the elements. These elements were designed as tub units to provide forming and support for the CIP pour.

460

SR-9 (Interstate 95), FL. Structural Engineer for preparing bridge widening alternatives for the bridges along the I-95 corridor from Oakland Park Blvd to Glades Rd for the proposed extension of the manage lanes project. Bridge widening's are based on the selected conceptual design alternative. Tasks involved preparing a bridge widening alternative report for the Preliminary Engineering Report, Typical Section Package for all Bridges and Load Rating Analysis of the bridges. An advanced analysis was performed using finite elements for several of the bridges with low rating factors to bring reduce the live load distribution factors.

Port of Miami Tunnel, Dodge Island, Miami, FDOT District Six, Miami, FL. Senior Structural Engineer serving as reviewer for the Cut and Cover Tunnel Structure, the U-wall structure and miscellaneous structures on the Dodge Island side of the tunnel. The task involved review of design calculations and plans for the structure.

Sheet Pile Wall Design for Drainage Structure S-200 located on the South-East Corner of the SR 704 and Wabasso Drive, FL. Structural Designer and Project Manager for preparing contract plans, associated calculations for the support of excavation for installation of the drainage structure S-200 located on the south-east corner of the SR 704 and Wabasso Drive intersection, in Palm Beach County. The sheet pile wall in about 65ft long and will retain about 14ft of soil in cantilever action with timber lagging spanning utilities in the area.

NW 82nd Ave Overhead Span Sign Structure, Palm Beach County, FL. Project Manager and design engineer for the analysis of an existing overhead span sign structure on NW 82nd Ave in Palm Beach County. Structure is being used to support additional signs for traffic operation improvements. The original structure was not originally designed to support any additional signs and requires a full analysis to determine its adequacy for the proposed condition. The structure will be analyzed using current criteria and will revert to the previous criteria if not adequate. If the previous criterion is used to determine the suitability of the structure, a variance is required.

Port of Miami Tunnel, Dodge Island, Miami, FDOT District Six, Miami, FL. Senior Structural Engineer serving as reviewer for the Cut and Cover Tunnel Structure, the U-wall structure and miscellaneous structures on the Dodge Island side of the tunnel. The task involved review of design calculations and plans for the structure.

Port of Miami Rail and Highway Bascule Bridges Inspection and Assessment, Miami, FL. Senior Structural Engineer serving as the project manager for the inspection and assessment of the existing bascule bridges. The project was to inspect and assess the existing bascule bridges and provide a cost to bring the bridges back into service. Tasks included coordinating all inspection aspects for the bridges for the different disciplines including structural, electrical, mechanical and underwater.

MIC-Earlington Heights Miami-Dade Transit, Miami, FL. Structural Engineer for the Post Design Services supporting Miami-Dade Transit (MDT) department for the extensions of the Metro-rail transit system. Structures consisted of precast concrete segmental units and precast u-beams supported on reinforced and post-tensioned concrete substructures. Responsibilities included shop drawing review, review of Non-Compliance Reports, product submittals and miscellaneous designs.

Port of Miami Western Port Blvd Bridge Inspection and Load Rating, Miami, FL. Senior Structural Engineer serving as the lead inspector and Task Manager for the bridge inspection and performed the load rating analysis for the existing bridge based on the 2011 Bridge Load Rating Manual.

I-595 Reconstruction, Broward County, FL. Structural Engineer for DUSA/AECOM design–build team for the reconstruction of I-595. Project consisted of reconstructing approximately 14 miles of roadway including 67 bridges. Responsible for the evaluation and design of multiple structural elements including: curved steel plate girders, curved steel box girders, evaluating substructures and foundations, and evaluating post-tensioning for integral bents within the project for development of a bridge concept report. Work included modeling of the superstructure of 2 units of curved steel box girder bridges with spans up to 300 feet in length using MDX and 3-D modeling of these units using SAP 2000 for the final design of the foundations and substructures. Additional work included coordination of roadway, maintenance of traffic, utilities, and proposed / existing drainage of this particular bridge for the final layout of the foundations.

Mark R. Sowers, PSM

SUE Director / Chief Surveyor & Mapper

Education/Training
Bachelors of Science, Land Surveying, University of Florida, 1988

Professional Registration
Professional Surveyor & Mapper, Florida, PSM#5266 (1993)

Years of Experience: 32 Years

Office Location: Jupiter, FL

Professional Affiliations
Florida Surveying & Mapping Society

Mr. Sowers is a Professional Surveyor & Mapper with 32 years of experience throughout the state of Florida. His responsibilities include managing field operations and establishing standards for consultants as well as final quality assurance / quality control of all deliverables before client submission. He is proficient in the latest industry technology, as well as developing and implementing successful management strategies. Mr. Sowers worked for the Florida Department of Transportation (FDOT), District IV for eight years, four of them as District Surveyor. During his FDOT tenure, Mr. Sowers actively participated in statewide process improvements. He was a chairperson for FDOT's Survey Technical Advisory Committee and a member of the committees responsible for the development and implementation of the staff-hour estimating form and project network control sheet.

Surveying Experience:
Manuel G Vera & Associates, Inc. (2015 - Present)
Cardno TBE (2001 to 2015)
Florida Dept of Transportation District 4 (1993 to 2001)
Kimley Horn & Associates, Inc. (1999 to 1993)

MD-DTPW, Miami to Miami Beach Light Rail / Modern Street Car (Miami Beach Corridor Connector) PD&E
Subconsultant to: Parsons Transportation Group, Inc.
Contact: Odalys Delgado, AICP (305) 507-5583, odalys.delgado@parsons.com
Duration: 06/22/2017 thru 09/29/2017
Cost: $17,714.76
Project Description: Project Limits: Miami Transit Connector from Alton Road and 5th Street in Miami Beach west along the Macarthur Causeway (I-395), south along Biscayne Boulevard to Government Center station and north along NW/NE 1st Avenue and North Miami Avenue to NE 41st Street in Midtown Miami. MGV performed adequate research to graphically establish the existing right of way for planning purposes of the Miami portion of the project limits.

FDOT District 4, SR 817/University Dr. Bicycle and Sidewalk Improvement Package 1A and 2A
Subconsultant to: Gannett Fleming, Inc.
Contact: Alina Fernandez, PE (786) 845-9540, Ext. 5814, afernandez@gfnet.com
Duration: 11/2016 thru 01/2018
Cost: $103,397.26
Project Description: MGV was responsible for providing a Design Survey consisting of the following deliverables: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, Survey Baseline and Right of Way Lines, preparation of Project Network Control Sheets, creation of Topographic survey and Digital Terrain Model (DTM/3D) in 3D laser scanning, Cross Sections, Drainage Survey (identifying the type of structure, rim elevation, pipe invert elevation, pipe materials, direction, size and condition), Sectional/Grant Survey and Subdivision Locations performing field locations of section corners, ¼-sction corners, and fractional corners, property corners, as well as block closures, plat and subdivisions in order to establish survey baseline and right of way lines. Work zone safety was provided as required by FDOT. Miscellaneous survey tasks include locating vertical clearances over pavement along SR 817 / University Drive of overhead obstructions, to include wires, signaling mast arms, bridges, and signs. Signaling mast arm data includes: length, measured base diameter, location of all signs and signals supported on the mast arm, and vertical clearance under all signs or signals- as well as locate signs and signals supported on wires over pavement, and clearance under all signs or signal heads.

City of Doral, Topographic Survey for NW 82nd Avenue from NW 27th Street to NW 33rd Street
Subconsultant to: Gannett Fleming, Inc.
Contact: Alina Fernandez, PE (786)-845-9540, Ext. 5814, afernandez@gfnet.com
Duration: 06/2016 thru 04/2017
Cost: $24,859.75
Project Description: MGV was responsible for providing a Design Survey consisting of the following deliverables: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks; Survey Baseline; Topographic survey and Digital Terrain Model (DTM/3D), including all above ground features and improvements including existing lighting, pavement markings, trees, pedestrian ramps, driveways, visible ground utilities, sodded and paved areas, drainage structures, etc.- as well as an additional Topographic Survey with spot elevations at 10 Bus Bench Locations. The Topo covered an area of approximately 80-ft in length and extends from the nearest edge of pavement to 5-ft beyond right of way; Drainage Survey, performed along the corridor, and the survey included rim, bottom of structure, inverts and size and type of pipe found; Subdivision Locations for Survey Baselines and Right of Way Lines, performing field locations of section corners, ¼-section corners, and fractional corners as well as block closures, monument lines, etc., in order to establish right of way lines- also performed field locations of existing section, plat, lot, subdivision, etc. corners in order to facilitate the Point of Commencement (POC) for each proposed easement legal description; Parcel Sketches and Legal Descriptions for proposed easements on 10 bus bench locations. Also performed subsurface utility services, including locating 40 test holes.

City of Port St. Lucie, Cross Town Parkway Segment 1 from Manth Lane to US1
Subconsultant to: RS&H, Inc.
Contact: Rachel Back, PE, CFM (904) 256-2444, rachel.back@rsandh.com
Duration: 03/2015 thru 04/2016
Cost: $183,080
Project Description: MGV prepared a complete Design survey which includes the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, perform cross sections, aerial targets, subdivision location (up to 100, as required), and geotechnical support.

South Florida Regional Transportation Authority, Cypress Creek Mobility
Subconsultant to: HNTB Corporation
Contact: Odalys Delgado-Guanche (305) 551-8100, odelgado@hntb.com
Duration: 10/2014 thru 11/2015
Cost: $120,258.64
Project Description: MGV was responsible for providing the following Survey Services for the following Project Limits: Cypress Creek Boulevard, Andrews Avenue, Tri-Rail Station Access Road, NW 6th Way Topographic Survey, and Pathways Adjacent to East and West Side of South Florida Rail Corridor (total of 3.05 miles combined and 105 Total Storm and Sewer Structures. Survey Services included: the establishment of horizontal and vertical control networks, Survey Baseline and Right of Way Lines, Sectional/Grant Survey & Subdivision Locations, creation of Topographic survey performed from right of way to right of way along the project corridors, Drainage and Sanitary Structures Survey.

Miscellaneous Stormwater Infrastructure Surveys – Master Plan Basins – Section: (3-41-24)
Consultant to: Miami Dade County Public Works and Waste Management Department
Contact: Frank M. Velazquez, PSM (305) 372-6529, velazf@miamidade.gov
Duration: 07/2014 thru 10/2016
Cost: $191,525.00
Project Description: As prime consultant, MGV provided survey services, which includes the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, as well as coordinates, elevation, and description for all points. Points included are: Structures (Catch-Basins, Manholes, Structure, Grease Interceptors), Outfall/Culverts, a total of four (4) Canal Cross Sections, Bridges, Control Structures (Watergates, etc.), Topographic Survey, and Field Reconnaissance.

Areas of Expertise

Program/Project Management
Ecology/Biology
Environmental Regulatory Issues
Terrestrial and Marine Habitat Assessment
Natural Community Evaluations
Wetlands Delineations & Assessments
Benthic Resource Assessments
Protected Species Conservation
ESA Section 7 Consultation
Environmental Resource Permitting
NEPA Studies/Documentation
Contamination Assessments
Quality Assurance/Control
Mitigation Design, Construction & Monitoring
Ecosystems Restoration & Management
Cost Estimations/Scheduling

Education

BS, Biological Sciences/State University of New York at Stony Brook

Graduate Studies / Coastal Zone Management & Marine Biology/NOVA Southeastern University Oceanographic Center

Certifications/Registrations

2014/OSHA Health and Safety Training
2014/Chamber of Commerce Env. Permitting Summer School
2013/Federal Energy Regulatory Commission Certification
2006/URS Certified Project Manager
2005/FDEP Uniform Mitigation Assessment Method
1998/TREEO – T&E Species of Florida
1997/Cert. of Appreciation, NOVA Ctr. for Appl. Res. & Develop.
1996/USACE Wetlands Delineation Cert. Training
1994/FDOT Wetland Evaluation Technique (WET II) Training
1992/PADI Rescue Scuba Diver

Years of Experience

With AECOM: 18 Years
With Other Firms: 6 Years

Keith Stannard

Permitting

Mr. Stannard has over 26 years of experience in conducting and managing environmental programs and ecological investigations for a wide variety of public and private sector projects including linear facilities (roadways, railways, pipelines), site development (industrial, residential, mixed-use) and special-purpose projects (offshore facilities, marinas, dams, maintenance dredging, basin studies, etc.). He has an in-depth knowledge of federal, state and local environmental regulatory criteria and associated agency procedures in relation to ecosystem restoration and management. He also has extensive experience with marine and terrestrial habitat ecology; wetland and upland mitigation; threatened and endangered species conservation and Section 7 consultation; and ecosystems restoration and management. Specific examples of his experience are described below.

Recent Experience

Project Manager, Cape Sable Canals Dam Restoration Environmental Assessment – Phase II, National Park Service, Monroe County, FL. Responsible for all tasks associated with the preparation of an Environmental Assessment and anticipated Finding of No Significant Impact to provide sustainable solutions to canal-induced saltwater intrusion and degradation of the interior freshwater and brackish marshes in order to reestablish the natural function of the Marl Ridge and restore the Cape Sable region to a more natural state. Phase II includes proposed dam restoration at the Raulerson Canal and House and Slagle Ditches. Project kickoff held in September 2014. Anticipated tasks include field review, agency coordination, internal and public project scoping, and preparation of an EA and FONSI for approval by the NPS region.

Environmental Lead, Big Cypress National Preserve Backcountry Access Plan/Environmental Impact Statement, National Park Service, Collier County, FL. Lead for all environmental tasks associated with the preparation of a Backcountry Access Plan/EIS for the 729,000-acre Big Cypress National Preserve. Project kickoff held in September 2014. Anticipated tasks data review, facilitation of internal and public scoping and comment analysis, alternatives development (including a secondary trails network), CBA, preparation of a Draft EIS, facilitation of public meetings and comment analysis, and preparation of a Final EIS.

Project Manager: Districtwide Misc. Permitting Services Consultant (Contracts C-7724, C-8I41 and C-9155), FDOT, District VI, FL. URS was awarded three $1.5 million, 5-year contracts to manage and direct environmental permitting activities and other environmental-related studies for various large and small-scale FDOT roadway improvement, new roadway, bridge replacement/improvement, boat ramp restoration and tunnel projects throughout Miami-Dade and Monroe Counties in Florida. Tasks include conducting seagrass/benthic resource surveys, marine and freshwater wetland assessments and delineations, upland assessments, protected plant and wildlife surveys and assessments, Federal/State/County agency coordination, environmental resource permitting, stormwater management permitting, Class V Deep Well permitting, obtaining sovereign submerged lands easements, GIS mapping, wetland and T&E species mitigation planning and design, permit tracking, erosion control, engineering plan reviews, dewatering permitting, water quality assessments, NEPA studies/re- evaluations, in-house technical and administrative assistance, Essential Fish Habitat assessments, and protected plant and wildlife biological surveys/assessments.

Senior Scientist, Two-Dimensional Hydrologic and Hydrodynamic Modeling Analysis and Biological Assessment for the 880.8 acre Advanced Mitigation Area on the Brighton Seminole Indian Reservation, Seminole Tribe of Florida, Glades County, FL. Responsible to develop an 880.8 acre freshwater wetland habitat to provide long-term mitigation compensation for the Brighton Reservation's existing and future developments that involve wetland impacts. Activities include a combination of

eradication/control of exotic vegetation, prescribed burns, hydrologic improvements (design flowpaths, remove blockages, create fire lines, installing control structures and seepage pumps, redirecting flows, earthwork, etc.), creation of deepwater refugia, and upland habitat preservation. As part of the effort, hydrologic and hydrodynamic modeling analysis was performed to simulate the current hydrological conditions and forecast the future hydrologic conditions following implementation of the proposed engineered improvements.

Project Manager: Environmental Impact Statement, Everglades National Park, National Park Service, FL. Tamiami Trail 2 (Enabling Northeast Shark River Slough Restoration): Responsible for all tasks associated with the preparation of an Environmental Impact Statement for modifications of sections of the US 41/Tamiami Trail to allow for restored water flows from the SFWMD Water Conservation Areas north of Tamiami Trail to Everglades National Park south of Tamiami Trail. Tasks include field review, agency coordination, project scoping and public involvement, alternatives development, environmental consequences assessments, mitigation planning, and preparation of the Draft and Final EIS documents for submittal to NPS and the U.S. Congress.

Lead Biologist, Cape Sable Canals Dam Restoration Project, Everglades National Park, National Park Service, FL. Responsible for preparation of an EA for the restoration of two breached dams in Cape Sable, ENP. Tasks include NPS/ENP internal scoping, public and agency scoping/consultation, ecological data collection and analysis, preparation of the EA and FONSI, environmental permitting, coastal wetland mitigation, T&E species (crocodile, manatee, smalltooth sawfish, etc.) surveys/conservation, EFH Assessment, Section 7 ESA consultation, water quality, construction oversight, and mitigation monitoring.

Program Manager for Various Pipeline-Related Operations and Maintenance, and Relocation Projects, Florida Gas Transmission Company, FL, AL and MS. Tasks include Federal, State and local agency environmental resource permitting, NPDES and construction dewatering permitting, FERC (NEPA) documentation preparation (Prior Notice and EA), wetland and upland evaluations, cultural resources assessments, contamination assessments and remediation (soil/groundwater treatment), air sampling/monitoring, dewatering sampling/ monitoring, right of way utility permitting, MOT plans preparation and permitting, emergency response, public involvement (with relevant government officials and private citizens), threatened and endangered species surveys, mitigation monitoring, construction oversight/ inspections, permit compliance, mitigation design, construction and monitoring, SSL easements, and environmental feasibility studies for new potential pipeline routes and compressor station locations.

Environmental Task Manager, Big Cypress National Preserve Hunting Management Plan / Environmental Assessment, National Park Service, Collier/Monroe Counties, FL. Responsible for environmental tasks associated with the preparation of a Hunting Management Plan / EA for the 729,000-acre Big Cypress National Preserve. Completed tasks include data review, facilitation of internal and public scoping and comment analysis, alternatives development (including development of an adaptive management strategy), CBA, preparation of a Draft EA, facilitation of public meetings and comment analysis, and preparation of a Final EA/Errata Sheet and FONSI. The FONSI for this project was signed in May 2014.

Project Manager, Hydrogeologic Study- Archbold Biological Station, Greenfield #3 Lateral, Phase VIII Expansion, Florida Gas Transmission, FL. Project Manager responsible to conduct a hydrogeologic investigation to model potential impacts to the flow of groundwater between Lake Annie (Archbold Biological Station) and Lake Placid as a result of constructing a new pipeline lateral between the two lakes just north of SR 70 in the Lake Wales Ridge area.

Project Manager, Passive Recreational Areas Feasibility Study, City of Doral, FL. Responsible for conducting an Environmental Feasibility Review to evaluate the potential “red flags” or fatal flaws associated with the planned use of two large tract wetland mitigation areas as potential passive recreational parks for the City of Doral.

Environmental Task Leader, Florida Panther Prey Survey for the Everglades Agricultural Area (EAA) Conveyance and Regional Treatment (ECART), EAA Compartment B and EAA Compartment C Projects of the Comprehensive Everglades Restoration Program (CERP), Palm Beach County, FL. Responsible to organize and conduct extensive panther prey (deer and feral hog) track surveys and reporting for approx. 16,000 acres in western Palm Beach County in accordance with U.S. Fish and Wildlife guidelines in connection with the U.S. Army Corps of Engineers (USACE) 404 permit application.

Environmental Task Manager, Key Deer HCP and Wildlife Underpasses, FDOT District Six, FL. Prepared permit applications and obtained a Section 10(a)(1)(B) incidental take permit for the endangered Key deer and other protected species. Prepared NEPA documentation and a Habitat Conservation Plan for protected species on Big Pine and No Name Keys in Monroe County, Florida.

AECOM

Areas of Expertise

Project Management
Highway Design
Signing and Pavement Markings
Signalization
Traffic Control Plans
Managed Lanes
Utility Coordination

Education

BS, Civil Engineering, Florida International University

Certifications/Registrations

Professional Engineer; FL #62991
Advance Work Zone Traffic Control (FDOT Certified)
Specification Package Preparation (FDOT Certified)

Years of Experience

With AECOM: 17 Years
With Other Firms: 2

Luis Tejada, PE

Roadway/TTCP

Mr. Tejada has extensive experience in interstate highway design, major roadway design, as well as relevant experience in lighting, signalization, signing and markings and traffic control design of FDOT facilities. Most recently, he has worked as in-house consultant Project Manager in District Six.

Previous Experience

Temporary Consultant Manager, FDOT District Six, FL. Luis served as in-house consultant Project Manager in a temporary capacity as part of the GC Contract for 2 years and 10 months. He was involved in managing re-constructions and safety projects to ensure that all the plans that have been developed were compliant with the appropriate design criteria, policy and procedures. He reviewed the submitted scope and staff hours for the projects, coordinated all the roadway submittals as well as attended all the internal meetings with the different FDOT Departments and public meetings.

SR-9/I-95 Managed Lanes from Golden Glades Interchange to Broward Blvd., FDOT District Four, Broward County, FL. Project Manager responsible for the development of the RFP/Design criteria package which included vertical and horizontal geometry, typical section and pavement design package, traffic control plans and master roadway and signing and pavement marking plans. This project will convert the existing High Occupancy Vehicle (1) lane to High Occupancy Tolled Managed (2) lanes of this 13 miles section of roadway. The RFP required close coordination with FHWA and all of the District's Departments including Construction, Drainage, Traffic Operations, Structures, ITS, Environmental, Geotechnical and Professional Services. Luis served as Owner Representative during the Design-Build firm selection process, as well as during construction.

SR-934/NW/NE 79th St. from NW 14th Ave. to N Bayshore Dr., FDOT District Six, Miami-Dade County, FL. Project Engineer responsible for roadway design, ADA curb ramp upgrades throughout the corridor and replacement of mast arm structures at five signalized intersections. This 3R project involved milling & resurfacing, sidewalk construction, signalization, lighting and upgrading all pedestrian features to meet current ADA standards.

Pedestrian Bridge over University Dr., FDOT District Four, Broward County, FL. Project Manager responsible for plans production, traffic control, and post design services. The project involved bridge rehabilitation which included bridge fence replacement and bridge painting.

Pedestrian Bridge over I-95 north of Sample Rd., FDOT District Four, Broward County, FL. Project Manager responsible for plans production, traffic control, and post design services. The project involved bridge rehabilitation which included bridge fence replacement and bridge painting.

SR-816/Oakland Park Blvd. at Inverrary Blvd., FDOT District Four, Broward County, FL. Project Manager responsible for roadway design, typical section package, drainage design, signing and pavement markings, signalization and post design services. This safety intersection project involved ADA, signalization and lighting upgrades.

SR-9/I-95 Widening from south of SR-70/Okeechobee Rd. to south of SR-614 / Indrio Rd., FDOT District Four, St. Lucie County, FL. Project Manager responsible for the development of the RFP/Design criteria package which included vertical and horizontal geometry, typical section and pavement design package, traffic control plans and master roadway plans. This project will widen the I-95 corridor mainline from four lanes to eight lanes for approximately 10 miles and widening ramps at SR-70/Okeechobee Rd, SR-68/Orange Ave interchanges. The RFP also includes in depth evaluations for the typical section package, pavement design package, and design exceptions/variations approvals. The RFP required close coordination with FHWA and all of the District's Departments including Construction, Drainage, Traffic Operations, Structures, ITS, Environmental, Geotechnical and Professional Services.

Ocean Avenue Bridge in Lantana, Palm Beach County, FL. Project Engineer for this project which involves replacement of a low-level bascule bridge over the Atlantic Intracoastal Waterway. Alternative evaluations included a mid-level bascule bridge, a fixed high-level bridge, and a tunnel. The project involved extensive public and agency involvement, permitting, utility coordination and traffic control.

Temporary Consultant Manager, FDOT District Four, Broward County, FL. Luis served as in-house consultant project manager in a temporary capacity as part of an EC Driver DW miscellaneous contract. He was involved in the I-95 widening in Palm Beach County, as well as Hollywood Blvd. 3R projects during a 9-month period.

SR-9/I-95 from NW 6th St. to Powerline Rd., FDOT District Four, Broward County, FL. Project Engineer for this I-95 mainline resurfacing project in Broward County. Responsible for highway plans, including horizontal and vertical alignment design, pavement design and typical section package. Provided post design services during construction.

SR-817/University Dr. from Pines Blvd. to Griffin Rd., FDOT District Four, Broward County, FL. Project Engineer for this 3.9 mile 3R project. Responsibilities include overall project coordination. Specific project issues include milling and resurfacing, replacement of median curb and gutter, safety upgrades, construction of missing sidewalk, relocation of guardrail, drainage improvements, bulkhead construction, public involvement and signalization upgrades. Provided post design services during construction.

SR-9/I-95 Southbound Off-Ramp at Griffin Rd., FDOT District Four, Broward County, FL. Project Engineer for the resurfacing and widening of the off-ramp. Responsibilities include roadway design plans, horizontal and vertical alignment design, roadway cross sections, pavement design, typical section package and utility coordination.

SR 808/Glades Rd., FDOT District Four, Palm Beach County, FL. Project Engineer for this 6 lane urban divided RRR project, responsible for roadway plans, horizontal & vertical alignment, pavement design package, typical section package and computation book.

SR-5/US-1 from 6th Ave. to 20th Pl., FDOT District Four, Indian River County, FL. Project Engineer for this milling and resurfacing project. Responsibilities include roadway plans, signing and pavement markings, utility coordination, pavement design and typical section package.

ATKINS

Member of the SNC-Lavalin Group

Pedro Trevin, PE, LEED AP, LC

Principal Technical Professional

Pedro Trevin has 48 years of experience providing electrical engineering services for office buildings and parking garages. He has also performed electrical engineering for airports, marinas, parks and recreational facilities, port terminals, parking lot lighting, and roadway lighting. He has frequently served as electrical project manager on assignments from state and local agencies and is knowledgeable about the diverse regulations governing design on such projects.

Mr. Trevin's project experience includes:

SR 818 (Griffin Road) from East of 100th Avenue to SR 7 (US 441), Broward County, FL. 4.2 miles of conventional lighting.

Davie Road from South of SW 7th Street to North of SW 43rd Street, Broward County, FL. 0.4 miles of decorative lighting and landscape tree grate receptacles.

Northlake Boulevard Improvements Design Services, City of Altamonte Springs, FL. Electrical project manager. This final design project consisted of widening, milling, resurfacing, and partially reconstructing one mile of roadway with side streets, driveways, a cul-de-sac, and an intersection at SR 436. The existing three-lane roadway was modified to two lanes divided by curb and gutter, closed drainage, and an eight-foot wide sidewalk. This project included design, right-of-way survey, utility coordination, signalization, landscape, irrigation, hardscape, and lighting.

Central Parkway Street Light Replacement, City of Altamonte Springs, FL. Lighting engineer responsible for the removal and replacement of nearly 80 existing street light poles along Central Parkway from Montgomery Road to Palm Springs Road. This project also included the analysis of existing street light foundations and upgrading pedestrian signal features to ADA compliance.

Estero Parkway, from Three Oaks Parkway to Ben Hill Griffin, Lee County, FL. 0.9 mile of decorative lighting and box girders maintenance lighting.

SR 261 (Capital Circle) from Tram Road to Connie Drive, Leon County, FL. Design-build project. 3.4 miles of conventional lighting.

Fort Lauderdale-Hollywood International Airport, Broward County Aviation Department, Terminal Access Roads, Broward County, FL. 0.5 miles of conventional and decorative lighting.

World Drive/Osceola Parkway (Dart Boulevard) Interchange, Disney Development Company, Orlando, FL. 2.2 miles of decorative lighting.

59th Street West from Cortez Road to Manatee Avenue, Manatee County, FL. Lighting design analysis report for 2.3 miles of conventional lighting.

Washington Avenue, City of Miami Beach, FL. Decorative lighting.

Total years of experience

48

Years with firm

33

Education

B.S., Electrical Engineering, University of Miami, 1970

Registrations/licenses

Professional Engineer
- Alabama 27289, 2005
- Arizona 45975, 2007
- California 17724, 2005
- Colorado 40940, 2007
- Florida 15309, 1976
- Georgia 29486, 2004
- Illinois 62-48755, 1994
- Louisiana 31971, 2005
- Maryland 17985, 1990
- Michigan 6201063785, 2016
- Mississippi 16963, 2005
- Nevada 015235, 2001
- New Jersey 24GE05147000, 2014
- New Mexico 17776, 2006
- New York 097557, 2017
- North Carolina 027216, 2001
- Oklahoma 28380, 2016
- Pennsylvania 072609, 2005
- South Carolina 21049, 2001
- Texas 87216, 2000
- Utah 6563655-2202, 2007
- Virginia 0402-034543, 2000
- Wisconsin 42882-6, 2013

Certifications

TxDOT Pre-certified, ESN 10710
National Council of Examiners for Engineering and Surveying (NCEES), 19536
Leadership in Energy and Environmental Design Accredited Professional (LEED AP), U.S. Green Building Council, 10476554, 2009

Disney Celebration Town Center Interior Streets, Disney Development Company, Orlando, FL. Decorative lighting.

SR 366 (Pensacola Street) from Rivoli to Jefferson and Stadium Drive from Pensacola Street to Lake Bradford Road, City of Tallahassee, FL. The project included 2.1 kilometers of conventional roadway lighting, tunnel lighting, and decorative lighting.

SR 684 (Cortez Road) from 75th Street to 28th Street, Manatee County, FL. 15.2 miles of conventional lighting.

SR 7/US 441 from Northwest 3rd Street to North of Northwest 29th Street, Broward County, FL. 2.5 miles of decorative lighting.

40th Street Bridge, from Hanna Avenue to Hanlot Street, City of Tampa, FL. Decorative lighting and navigational lighting for 0.1 mile.

Bass Pro Shops, City of Dania, FL. Power distribution and parking lot lighting design for a new Outdoor World retail store.

Wal-Mart Kendall, Miami-Dade County, FL. Lighting design for a ten-acre parking lot.

Presentations

Guest speaker on roadway lighting for the Illuminating Engineering Society of North America (IESNA) national conference, Miami, Florida.

Certifications (continued)

Lighting Certified, National Council on Qualifications for the Lighting Profession, 2007

Professional affiliations

National Fire Protection Association
Illuminating Engineering Society of North America
National Council on Qualifications for the Lighting Professions
United States Green Building Council
Illuminating Engineering Society
National Fire Protection Association

Software

EasyPower
ProjectWise
Microsoft® Office
Adobe
Visual
AGI32
Dialux
Google Earth

Professional development

State Requirements for Educational Facilities (SREF) Training Course, US Department of Education, July 2011
Graduate Courses, Power Engineering/Management, University of Miami

Manuel G. Vera, Jr., PSM

Principal / Chief Surveyor & Mapper

Education/Training
Bachelor of Science, Legal Studies, Nova Southeastern University, 1994
Associates of Science, Land Surveying, Miami Dade College, 1988

Professional Registration
Professional Surveyor & Mapper, Florida, PSM#5291 (1994)

Years of Experience
36 Years

Office Location
Miami, Florida

Professional Affiliations
Florida Surveying & Mapping Society

Mr. Vera Jr., a registered Land Surveyor has over 36 years of experience with the company and throughout the state of Florida. He has managed a variety of survey contracts and projects for the Florida Department of Transportation, Miami-Dade County, Miami-Dade Expressway Authority, City of Miami, and numerous Engineering and Design firms. Mr. Vera has performed and managed all types of surveying services including: Design Surveys, Right-of-Way Control Surveys, Right-of-Way Mapping, Platting, Construction Layout, As-built Surveys, Drainage Surveys, etc. Mr. Vera is a Senior Surveyor and Mapper as well as our Senior Project Manager. He has extensive experience in the management and coordination of survey projects involving a variety of surveying techniques such as Aerial Surveys, Conventional Ground Surveying, Utilities designation, etc.

Surveying Experience:
Manuel G Vera & Associates, Inc. (1983 - Present)

MD-DTPW, Miami to Miami Beach Light Rail / Modern Street Car (Miami Beach Corridor Connector) PD&E
Subconsultant to: Parsons Transportation Group, Inc.
Contact: Odalys Delgado, AICP (305) 507-5583, odalys.delgado@parsons.com
Duration: 06/22/2017 thru 09/29/2017
Cost: $17,714.76
Project Description: Project Limits: Miami Transit Connector from Alton Road and 5th Street in Miami Beach west along the Macarthur Causeway (I-395), south along Biscayne Boulevard to Government Center station and north along NW/NE 1st Avenue and North Miami Avenue to NE 41st Street in Midtown Miami. MGV performed adequate research to graphically establish the existing right of way for planning purposes of the Miami portion of the project limits.

FDOT District 4, SR 817/University Dr. Bicycle and Sidewalk Improvement Package 1A and 2A
Subconsultant to: Gannett Fleming, Inc.
Contact: Alina Fernandez, PE (786) 845-9540, Ext. 5814, afernandez@gfnet.com
Duration: 11/2016 thru 01/2018
Cost: $103,397.26
Project Description: MGV was responsible for providing a Design Survey consisting of the following deliverables: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, Survey Baseline and Right of Way Lines, preparation of Project Network Control Sheets, creation of Topographic survey and Digital Terrain Model (DTM/3D) in 3D laser scanning, Cross Sections, Drainage Survey (identifying the type of structure, rim elevation, pipe invert elevation, pipe materials, direction, size and condition), Sectional/Grant Survey and Subdivision Locations performing field locations of section corners, ¼-sction corners, and fractional corners, property corners, as well as block closures, plat and subdivisions in order to establish survey baseline and right of way lines. Work zone safety was provided as required by FDOT. Miscellaneous survey tasks include locating vertical clearances over pavement along SR 817 / University Drive of overhead obstructions, to include wires, signaling mast arms, bridges, and signs. Signaling mast arm data includes: length, measured base diameter, location of all signs and signals supported on the mast arm, and vertical clearance under all signs or signals- as wel
as locate signs and signals supported on wires over pavement, and clearance under all signs or signal heads.

City of Doral, Topographic Survey for NW 82nd Avenue from NW 27th Street to NW 33rd Street
Subconsultant to: Gannett Fleming, Inc.
Contact: Alina Fernandez, PE (786)-845-9540, Ext. 5814, afernandez@gfnet.com
Duration: 06/2016 thru 04/2017
Cost: $24,859.75
Project Description: MGV was responsible for providing a Design Survey consisting of the following deliverables: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks; Survey Baseline; Topographic survey and Digital Terrain Model (DTM/3D), including all above ground features and improvements including existing lighting, pavement markings, trees, pedestrian ramps, driveways, visible ground utilities, sodded and paved areas, drainage structures, etc.- as well as an additional Topographic Survey with spot elevations at 10 Bus Bench Locations. The Topo covered an area of approximately 80-ft in length and extends from the nearest edge of pavement to 5-ft beyond right of way; Drainage Survey, performed along the corridor, and the survey included rim, bottom of structure, inverts and size and type of pipe found; Subdivision Locations for Survey Baselines and Right of Way Lines, performing field locations of section corners, ¼-section corners, and fractional corners as well as block closures, monument lines, etc., in order to establish right of way lines- also performed field locations of existing section, plat, lot, subdivision, etc. corners in order to facilitate the Point of Commencement (POC) for each proposed easement legal description; Parcel Sketches and Legal Descriptions for proposed easements on 10 bus bench locations. Also performed subsurface utility services, including locating 40 test holes.

City of Port St. Lucie, Cross Town Parkway Segment 1 from Manth Lane to US 1
Subconsultant to: RS&H, Inc.
Contact: Rachel Back, PE, CFM (904) 256-2444, rachel.back@rsandh.com
Duration: 03/2015 thru 04/2016
Cost: $183,080
Project Description: MGV prepared a complete Design survey which includes the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, perform cross sections, aerial targets, subdivision location (up to 100, as required), and geotechnical support.

South Florida Regional Transportation Authority, Cypress Creek Mobility
Subconsultant to: HNTB Corporation
Contact: Odalys Delgado-Guanche (305) 551-8100, odelgado@hntb.com
Duration: 10/2014 thru 11/2015
Cost: $120,258.64
Project Description: MGV was responsible for providing the following Survey Services for the following Project Limits: Cypress Creek Boulevard, Andrews Avenue, Tri-Rail Station Access Road, NW 6th Way Topographic Survey, and Pathways Adjacent to East and West Side of South Florida Rail Corridor (total of 3.05 miles combined and 105 Total Storm and Sewer Structures. Survey Services included: the establishment of horizontal and vertical control networks, Survey Baseline and Right of Way Lines, Sectional/Grant Survey & Subdivision Locations, creation of Topographic survey performed from right of way to right of way along the project corridors, Drainage and Sanitary Structures Survey.

Miscellaneous Stormwater Infrastructure Surveys – Master Plan Basins – Section: (3-41-24)
Consultant to: Miami Dade County Public Works and Waste Management Department
Contact: Frank M. Velazquez, PSM (305) 372-6529, velazf@miamidade.gov
Duration: 07/2014 thru 10/2016
Cost: $191,525.00
Project Description: As prime consultant, MGV provided survey services, which includes the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, as well as coordinates, elevation, and description for all points. Points included are: Structures (Catch-Basins, Manholes, Structure, Grease Interceptors), Outfall/Culverts, a total of four (4) Canal Cross Sections, Bridges, Control Structures (Watergates, etc.), Topographic Survey, and Field Reconnaissance.

References
(RFQ Form 2)

5. References (RFQ Form 2)

Respondent: AECOM Technical Services, Inc.

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

Give contact information for at least four individuals, corporations, agencies, or institutions for which you have performed work similar to what is proposed in this RFQ:

1. **Name of Contact:** Donovan Pessoa, PE
   Title of Contact: FDOT Project Manager **Email:** Donovan.Pessoa@dot.state.fl.us
   Telephone Number: (954) 777-4442 **Fax Number:** N/A **Project:** El Mar Dr.

2. **Name of Contact:** Vanita Saini, PE
   Title of Contact: FDOT Project Manager **Email:** Vanita.Saini@dot.state.fl.us
   Telephone Number: (954) 777-4468 **Fax Number:** N/A **Project:** SR-80/Southern Blvd.

3. **Name of Contact:** Binod Basnet, PE
   Title of Contact: FDOT Project Manager **Email:** Binod.Basnet@dot.state.fl.us
   Telephone Number: (954) 777-4146 **Fax Number:** N/A **Project:** SR-816/Oakland Park Blvd.

4. **Name of Contact:** Basher Khan, PE
   Title of Contact: Palm Beach County Project Manager **Email:** AKhan@pbcgov.org
   Telephone Number: (561) 684-4191 **Fax Number:** (561) 684-4166 **Project:** Seminole Pratt Whitney Rd.

Insurance

6. Insurance

AECOM is commits to and is able to obtain and provide proof of insurance that meets the requirements specified in the Professional Services Contract (Exhibit 6).

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 03/18/2019

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

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

PRODUCER Marsh Risk & Insurance Services CA License #0437153 633 W. Fifth Street, Suite 1200 Los Angeles, CA 90071 Attn: LosAngeles.CertRequest@Marsh.Com CN101348564-STND-GAUE-19-20	**CONTACT NAME:** **PHONE (A/C, No, Ext):** **FAX (A/C, No):** **E-MAIL ADDRESS:**
INSURED AECOM 1999 Avenue of the Stars, Suite 2600 Los Angeles, CA 90067	**INSURER(S) AFFORDING COVERAGE** — **NAIC #** **INSURER A :** ACE American Insurance Company — 22667 **INSURER B :** N/A — N/A **INSURER C :** Illinois Union Insurance Co — 27960 **INSURER D :** SEE ACORD 101 **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** LOS-002167650-23 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			HDO G71234137	04/01/2019	04/01/2020	EACH OCCURRENCE	$ 5,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 5,000,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 5,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 5,000,000
	X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 5,000,000
	OTHER:							$
A	**AUTOMOBILE LIABILITY**			ISA H25280532	04/01/2019	04/01/2020	COMBINED SINGLE LIMIT (Ea accident)	$ 5,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
D	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y / N			SEE ACORD 101	04/01/2019	04/01/2020	X PER STATUTE OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N **(Mandatory in NH)**	N/A					E.L. EACH ACCIDENT	$ 5,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 5,000,000
							E.L. DISEASE - POLICY LIMIT	$ 5,000,000
C	ARCHITECTS & ENG.			EON G21654693 005	04/01/2019	04/01/2020	Per Claim/Agg	5,000,000
	PROFESSIONAL LIAB.			"CLAIMS MADE"			Defense Included	

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

EVIDENCE OF COVERAGE

Contractors Pollution Liability, Carrier: AIG Specialty Insurance Company, NAIC #26883, Policy #: CPL 1814870, Policy Term: 04/01/2019 – 04/01/2020, "Claims Made," Defense Included, Limit: $5,000,000 Per Loss/Aggregate

CERTIFICATE HOLDER	**CANCELLATION**
AECOM 1999 Avenue of the Stars, Ste. 2600 Los Angeles, CA 90067	**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 of Marsh Risk & Insurance Services** James L. Vogel

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ACORD 25 (2016/03) **The ACORD name and logo are registered marks of ACORD**

AGENCY CUSTOMER ID: CN101348564
LOC #: Los Angeles

ACORD®

ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY	NAMED INSURED
Marsh Risk & Insurance Services	AECOM 1999 Avenue of the Stars, Suite 2600 Los Angeles, CA 90067
POLICY NUMBER	
CARRIER / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Workers Compensation/Employer Liability cont.

Policy Number	Insurer	States Covered
WLR C6589323A	Indemnity Insurance Company of North America - NAIC # 43575	AOS
WLR C65893150	ACE American Insurance Company - NAIC # 22667	CA and MA
SCF C65893198	ACE American Insurance Company - NAIC # 22667	WI Retro
WCU C65893393	ACE American Insurance Company - NAIC # 22667	OH, Ohio Qualified Self Insured (QSI) - SIR: $500,000; Only applicable to specific qualified entities self-insured in the state of Ohio

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Professional Services Contract

7. Professional Services Contract

AECOM Technical Services, Inc. has reviewed the RFQ for El Mar Drive Design Services (RFQ No. 20-01-01) as well as the draft Professional Services Agreement. While we are in substantial agreement with the terms included therein, in the event of award, ATS hereby respectfully reserves the right to negotiate final contractual provisions, including but not limited to the indemnity provision, in an effort to reach a mutually agreeable contract in line with appropriate industry standards.

Additional Forms

RFQ FORMS

RFQ FORM 3: RESPONDENT'S CERTIFICATION

Respondent: AECOM Technical Services, Inc.

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

The undersigned guarantees the truth and accuracy of all statements and the answers contained herein.

I have carefully examined the Request for Qualifications referenced above ("RFQ") and any other documents accompanying or made a part of this RFQ.

I hereby propose to furnish the goods or services specified in the RFQ. I agree that my response will remain firm for a period of 150 days in order to allow the TOWN adequate time to evaluate the responses.

I certify that all information contained in this response, which includes the TOWN required RFQ forms A, B, C, D and E is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

Respondent hereby authorizes the TOWN, its staff or consultants, to contact any of the references provided in the response and specifically authorizes such references to release, either orally or in writing, any appropriate data with respect to the firm offering this response.

I further certify, under oath, that this response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a response for the same product or service; no officer, employee or agent of the TOWN or any other proposer has a financial interest in said response; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters herein contained and was duly authorized to do so.

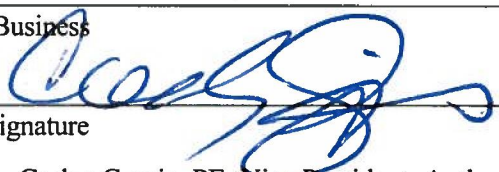
If this response is selected, I understand that I will be expected to execute the TOWN's standard Professional Services contract, in the form approved by the Town Attorney.

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes 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, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017 Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the

RFQ FORMS

convicted vendor list. I further certify, under oath, that neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholder, employees, members or agents active in the management of the entity has been convicted of a public entity crime subsequent to July 1, 1989.

AECOM Technical Services, Inc.
Name of Business

By: 
Signature

Carlos Garcia, PE, Vice President, Authorized Signatory
Print Name and Title

7650 Corporate Center Drive, Suite 400

Miami, FL 33126-1220
Mailing Address

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 4: SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A). FLORIDA STATUTES ON PUBLIC ENTITY CRIME

TO BE VALID, THIS FORM SHALL BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted to The Town Commission of the Town of Lauderdale-By-The-Sea, Florida by: Carlos Garcia, Vice President, Authorized Signatory
(print this individual's name and title)

for AECOM Technical Services, Inc.
(print name of entity submitting sworn statements)

Whose business address is: 7650 Corporate Center Drive, Suite 400
Miami, FL 33126-1220

And, if applicable, whose Federal Employer Identification Number (FEIN) is 95-2661922. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____-___-_____.

2. I understand that a "public entity crime" as defined in paragraph 287.133(1)(a}, Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transactions of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a Jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:

    1. A predecessor or successor of a person convicted of public entity crime; or

    2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement,

RFQ FORMS

shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in a relation to the entity submitting this sworn statement. (Please indicate which statement applies).

   X Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or any affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months.

   _____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months. AND (Please indicate which additional statement applies).

   _____ There has been a proceeding concerning the conviction before a hearing officer in the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order).

   _____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list (Please attach a copy of the final order).

   _____ The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Florida Department of General Services).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THE PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED AND FOR THE PERIOD OF THE CONTRACT ENTERED INTO, WHICHEVER PERIOD IS LONGER. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

RFQ FORMS

Date: 1/28/2020

(Signature)

STATE OF FLORIDA
COUNTY OF: Florida

Sworn and subscribed before me this 28th day of January, 20 20

by Carlos Garcia who is Personally known to me Or

who produced identification NA
(Type of Identification)

(Signature) Notary Public-State of Florida

Geneviève Cavé-Hunt
(Printed, typed or stamped commissioned name of notary public)

My commission expires February 3, 2020 (SEAL)

GENEVIÉVE CAVÉ-HUNT
Notary Public - State of Florida
Commission # FF 926933
My Comm. Expires Feb 3, 2020
Bonded through National Notary Assn.

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 5: NO FINANCIAL INTEREST STATEMENT

The undersigned guarantees the truth and accuracy of this statement.

The Respondent recognizes and certifies that no elected official, board member, or employee of the Town of Lauderdale-By-The-Sea (the "Town") shall have a financial interest directly or indirectly in this RFQ, related contract, if any, or any compensation to be paid under or through these matters, and further, that no Town employee, nor any elected or appointed officer (including Town board members) of the TOWN, nor any spouse, parent or child of such employee or elected or appointed officer of the TOWN, may be a partner, officer, director or proprietor of Respondent, and further, that no such TOWN employee or elected or appointed officer shall be employed by the firm or receive any compensation from the firm for a period of at least twelve (12) months after leaving the employ or agency of the TOWN.

AECOM Technical Services, Inc.
Name of Business

By: _____
Signature

Carlos Garcia, Vice President, Authorized Signatory
Print Name and Title

7650 Corporate Center Drive, Suite 400
Miami, FL 33126-1220
Mailing Address

Compensation

9. Compensation

The response ***shall not*** include rates or fees for any services. The Town Manager will negotiate fees that the TOWN determines to be fair, competitive and reasonable with the Selected Firm.

Representations and Warranties

10. Representations and Warranties

A. Respondent has given TOWN written notice of all conflicts, errors, ambiguities, or discrepancies that Respondent has discovered in this RFQ and any addenda thereto, and the written resolution thereof by the TOWN is acceptable to Respondent.

B. The RFQ is generally sufficient in detail and clarity to indicate and convey understanding of all terms and conditions for the performance of the response that is submitted.

C. No person has been employed or retained to solicit or secure award of the contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, and no employee or officer of the TOWN has any interest, financially or otherwise, in this RFQ or related contract.

AECOM

About AECOM

AECOM is built to deliver a better world. We design, build, finance and operate infrastructure assets for governments, businesses and organizations in more than 150 countries. As a fully integrated firm, we connect knowledge and experience across our global network of experts to help clients solve their most complex challenges. From high-performance buildings and infrastructure, to resilient communities and environments, to stable and secure nations, our work is transformative, differentiated and vital. A *Fortune 500* firm, AECOM had revenue of approximately $20.2 billion during fiscal year 2018. See how we deliver what others can only imagine at aecom.com and @AECOM.

Erik Boyer, PE
3201 West Commercial Boulevard, Suite 134
Fort Lauderdale, FL 33309
T: 561-962-0892
E: Erik.Boyer@aecom.com

aecom.com



Craven Thompson
& Associates, Inc.
Project Management
Engineering
Landscape Architecture
Surveying & Planning
3563 NW 53rd Street, Fort Lauderdale, FL 33309
Phone: (954) 739-6400

PREPARED FOR

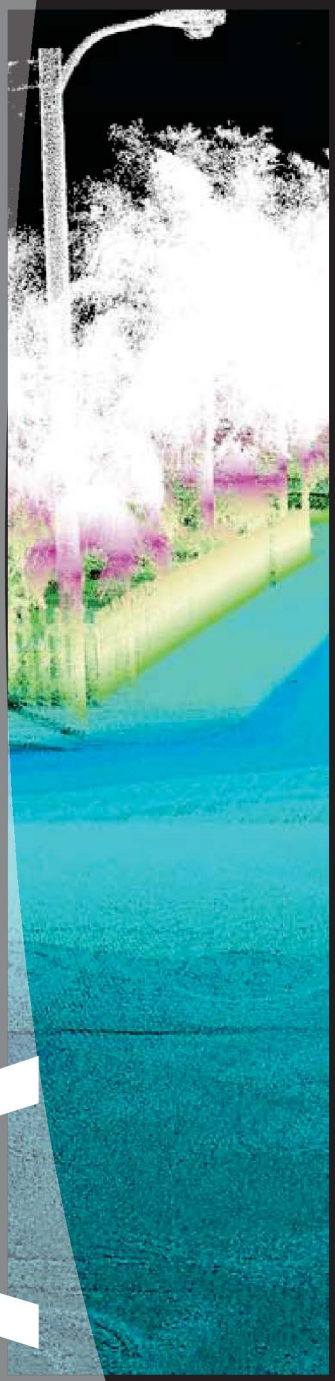
REQUEST FOR QUALIFICATIONS FOR EL MAR DRIVE DESIGN

• RFQ 20-01-01

FEBRUARY 3RD, 2020

PDF FORMAT



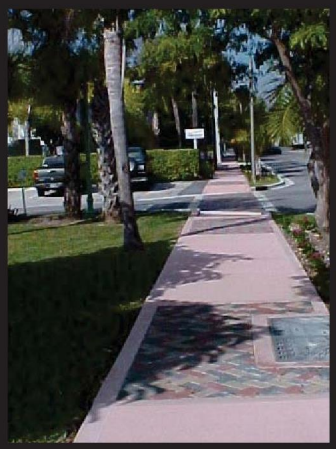




















Section 1: Title Page

TOWN OF LAUDERDALE-BY-THE-SEA

REQUEST FOR QUALIFICATIONS
EL MAR DRIVE DESIGN

RFQ 20-01-01

SUBMITTED TO:
Town of Lauderdale-By-The-Sea

SUBMITTED BY:

Craven, Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309
Contact:
Patrick J. Gibney, P.E.
Vice President, Engineering
Phone: (954) 739-6400
Email: pgibney@craventhompson.com

Section 2: Letter of Transmittal

February 3, 2020

Town of Lauderdale-by-the-Sea
Town Hall
4501 N. Ocean Drive
Lauderdale-by-the-Sea, Florida 33309

RE: REQUEST FOR QUALIFICATIONS FOR EL MAR DRIVE DESIGN, RFQ 20-01-01

Selection Committee Members:

Craven Thompson and Associates, Inc. is pleased to submit this Statement of Qualifications for your consideration in response to the **Town of Lauderdale-By-The-Sea's** Request for Qualifications for the *"El Mar Drive Design".*

The Craven Thompson proposed project team can provide all of the services identified in this RFQ for the design services for El Mar Drive. Craven Thompson & Associates is licensed by the Florida Department of Business and Professional Regulation to perform Landscape Architectural Services (Board of Landscape Architecture), Professional Engineering Services (Board of Professional Engineers), and Professional Surveying and Mapping Services (Board of Professional Surveyors and Mappers). We have supplemented our team with the addition of sub-consultants: Electrical Design Associates (Lighting & Electrical Engineering), Dickey Consulting Services, Inc. (Public Outreach), GPI Geospatial, Inc. (Mobile LiDAR), Absolute Civil Engineering Solutions LLC (Geotechnical Services), and InfraMap Corp (S.U.E). We anticipate that Craven Thompson as prime consultant will perform approximately eighty percent (80%) of the services identified in the RFQ and the sub-consultants providing the remaining twenty percent (20%) of the services.

The team will provide preparation of preliminary or feasibility design reports and/or design alternative recommendations, potentially including the preparation of conceptual designs, various types of utility modeling, surveying, field data analysis, estimates of probable construction cost and life-cycle cost analysis. We will organize and attend up to four meetings with and/or make presentations to the Town Commission, Town management, homeowners' associations, business entities, and other interested stakeholder groups as requested by the Town and prepare recommendations for appropriate community outreach components and processes for project development.

Our team will conduct and/or attend pre-design, design, bidding and bid award meetings that the Town deems attendance is required and prepare required bidding/construction documents for the project. This may include the preparation of surveys, design plans, technical specifications, cost estimates, permit applications to government agencies, and other related contract documents. We will assist in evaluating bids and making bid award recommendations for construction contract(s).

The proposed Craven Thompson team will provide engineering, management, administration, inspection and value engineering services for the project during construction. This may include responding to contractors' Requests for Information, shop drawing/contractor submittal review and approval, inspection and approval of project improvements or progress, certification of projects from various permitting entities, possible field revisions, and review and approval of contractor pay applications, and evaluate and make recommendations on change orders.

We will also include project close-out services. This may include inspection, preliminary and final acceptance of projects, preparation and approval of punch list items, providing as-built record drawings, operation and maintenance manuals, and project certification as required to all permitting agencies.

Our designed streetscape will reflect a unified, complete design that balances among a wide variety of functions, including stormwater management, safe pedestrian travel, use as public space, bicycle, transit, and vehicle movement, parking, ease of maintenance, and emergency access.

Where limited right-of-way width exists, streetscape elements and utilities may conflict with one another, limit visibility, block pedestrian travel, or create a sense of clutter. All streetscape elements will be located with consideration for the requirements and constraints of other streetscape elements and utilities that may be placed on the street. For example, tree locations should consider the scheme for street lighting and vice versa. The streetscape layouts will consider the overall existing Town streetscape pattern, provide a consistent aesthetic treatment, and be consistent with long term goals for the design and function of the street.

Response Contact, Contract Administrator, and Project Manager:

Patrick J. Gibney, P.E.
Vice President, Engineering
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309
Phone: (954) 739-6400
Email: pgibney@craventhompson.com

Mr. Gibney a principal of the firm, has been involved in a broad range roadway/drainage projects for the past thirty years, twenty-six of those with Craven Thompson & Associates. A sample of these projects where he was the project manager include but is not limited to: NE 38th Street Complete Streets Project, NE 34th Court Complete Streets Project, NE 5th Avenue Streetscape and Roadway Reconstruction, and Floranada Traffic Calming Improvements. In addition, he was the project director for NE 14th Avenue Streetscape, and Miramar Historical Area Complete Streets Project Phase II.

We sincerely appreciate the opportunity of providing this response to the Town of Lauderdale-By-The-Sea and hope to develop a positive mutually beneficial relationship with the Town and staff.

Sincerely,

CRAVEN THOMPSON & ASSOCIATES, INC.

PATRICK J. GIBNEY, P.E.
Vice President, Engineering

PJG/tg

Section 3: Table of Contents

SECTION 3: TABLE OF CONTENTS

PAGE NO.

SECTION 1: TITLE PAGE

- Title Page 1-1

SECTION 2: LETTER OF TRANSMITTAL

- Letter of Transmittal 2-1

SECTION 3: TABLE OF CONTENTS

- Table of Contents 3-1

SECTION 4: ORGANIZATIONAL PROFILE, QUALIFICATIONS AND EXPERIENCE

A. Exhibit 1, RFQ Form 1: Qualifications Statement 4-1
   - Understanding of the Project 4-7
   - Description of Craven Thompson & Associates 4-8
   - Subconsultants 4-14

B. Company Information
   - Relevant Experience 4-16
   - State of Florida Professional Licenses / Corporate Charters 4-42
   - Responsible Individual 4-51
   - Organizational Chart 4-52
   - Resumes of Primary Individuals 4-53

SECTION 5: REFERENCES

- Exhibit 2, RFQ Form 2: References 5-1

SECTION 6: INSURANCE

- Insurance Certification 6-1

SECTION 7: PROFESSIONAL SERVICES CONTRACT

- Exceptions to Contract 7-1

SECTION 8: ADDITIONAL FORMS

- Exhibit 3, RFQ Form 3: Respondent's Certification 6-1
- Exhibit 4, RFQ Form 4: Sworn Statement - Public Entity Crime 6-3
- Exhibit 5, RFQ Form 5: No Financial Interest Statement 6-6
- Addendum No. 1 6-7

Section 4: Organizational Profile, Qualifications and Experience

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH YOUR RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 1: QUALIFICATIONS STATEMENT

Proposer: Craven, Thompson & Associates, Inc.

1. State the full and correct name of the partnership, corporation or trade name under which you do business and the address of the place of business. (If a corporation, state the name of the president and secretary. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.)

   a. The correct and full legal name of the Respondent is:

      Craven Thompson & Associates, Inc.

   b. The business is a (Sole Proprietorship) (Partnership) (Corporation):

      Corporation

   c. The names of the corporate officers, or partners, or individuals doing business under a trade name, are as follows:

      - *Thomas M. McDonald*
        President / Owner
        Craven Thompson & Associates, Inc.
        3563 NW 53rd Street
        Fort Lauderdale, Florida 33309
        Phone: (954) 739-6400
        Email: tmcdonald@craventhompson.com
      - *Patrick J. Gibney, P.E.*
        Vice President, Engineering
        Craven Thompson & Associates, Inc.
        3563 NW 53rd Street
        Fort Lauderdale, Florida 33309
        Phone: (954) 739-6400
        Email: pgibney@craventhompson.com
      - *Joseph D. Handley, R.L.A.*
        Vice President, Planning & Landscape Architecture
        Craven Thompson & Associates, Inc.
        3563 NW 53rd Street
        Fort Lauderdale, Florida 33309
        Phone: (954) 739-6400
        Email: jhandley@craventhompson.com
      - *Richard D. Pryce, P.S.M.*
        Vice President, Surveying & G.I.S.
        Craven Thompson & Associates, Inc.
        3563 NW 53rd Street
        Fort Lauderdale, Florida 33309
        Phone: (954) 739-6400
        Email: rpryce@craventhompson.com

2. Please describe your company in detail:

   a. Number of employees; *76*

   b. Number of years your organization been in business: *58 years*

   c. The organization's specialty:

   Surveying, Civil Engineering, Landscape Architecture, G.I.S., and Construction Management, Administration, and Inspection

   **See attached Project Summary sheets in this Section.*

   **A detailed description of the Firm is included in this Section, following this form.*

3. The contact information (address, telephone and fax) of the principal place of business:

   Corporate Headquarters
   Craven Thompson & Associates, Inc.
   3563 NW 53rd Street
   Fort Lauderdale, Florida 33309
   Phone: (954) 739-6400
   Fax: (954) 739-6409

4. The contact information (address, telephone and fax) of the closest business location to TOWN if different than number 3:

   Same

5. Name and title of employees to be assigned to the Town contract, if awarded:

   - *Patrick Gibney, P.E. Project Manager/Contract Manager, Civil Engineer), Vice President, Engineering*
   - *Joseph Handley, R.L.A., (Lead Landscape Architect), Vice President, Planning & Landscape Architecture*
   - *Douglas Taylor, P.E. (Civil Engineer), Director of Municipal Services*
   - *Matthew Cigale, P.E. (Civil Engineer), Senior Supervising Engineer*
   - *Scott Peavler, R.L.A. (Landscape Architect) Senior Landscape Architect*
   - *Richard Pryce, P.S.M. (Lead Surveyor), Vice President, Surveying & G.I.S.*
   - *Nicholas Messina, Jr., P.S.M. (Surveyor), Professional Surveyor & Mapper*
   - *Don Shaver (Construction Manager) Construction Manager*
   - *James Sheddy, Senior Construction Inspector*

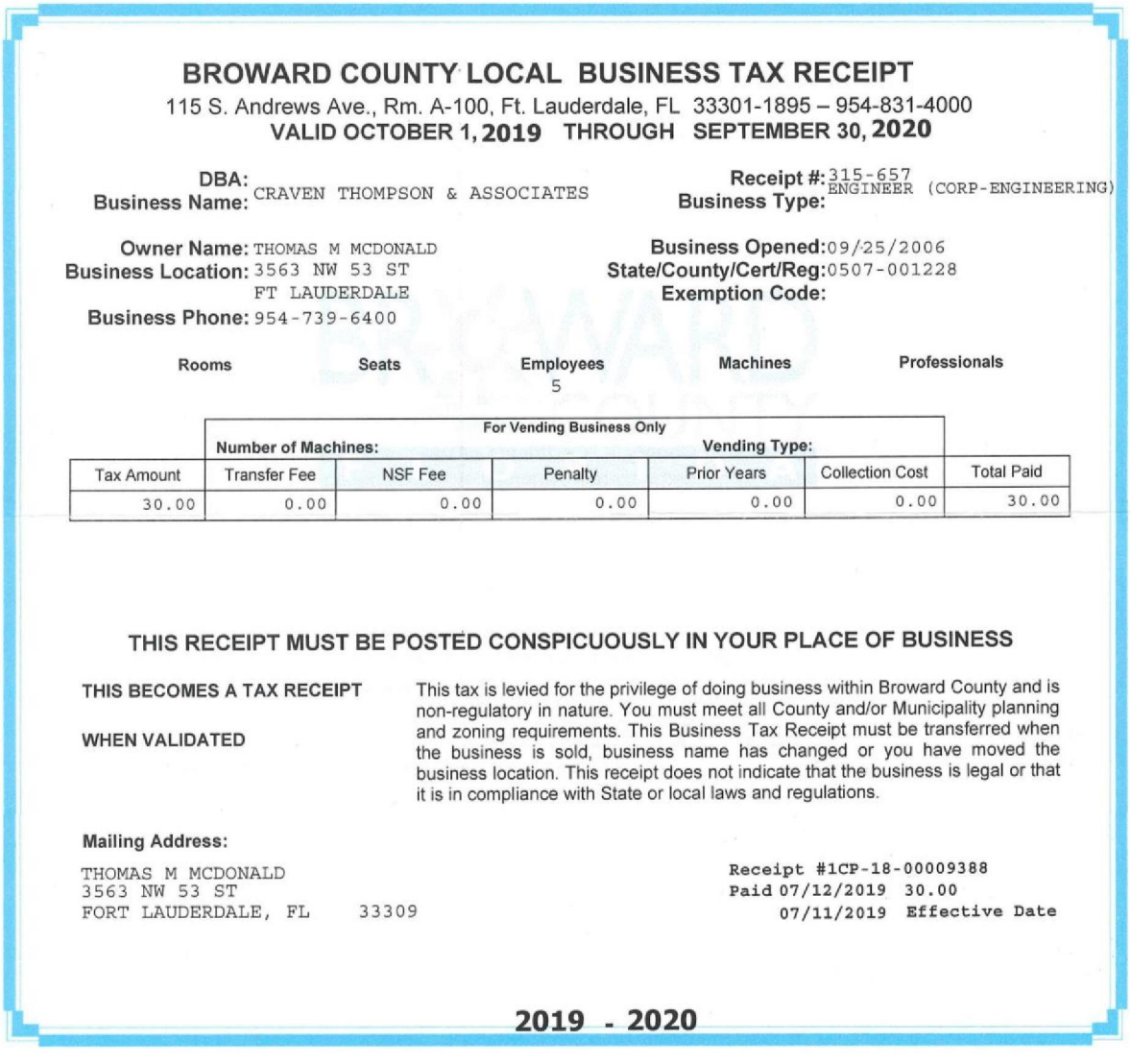
6. Company identification numbers for the Internal Revenue Service:

   Federal Identification Number

   59-0948029

7. Broward County business tax receipt number, if applicable, and expiration date:

Receipt No. 315-657
Expiration: September 30, 2020



BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2019 THROUGH SEPTEMBER 30, 2020

DBA:
Business Name: CRAVEN THOMPSON & ASSOCIATES

Receipt #: 315-657
Business Type: ENGINEER (CORP-ENGINEERING)

Owner Name: THOMAS M MCDONALD
Business Location: 3563 NW 53 ST
FT LAUDERDALE
Business Phone: 954-739-6400

Business Opened: 09/25/2006
State/County/Cert/Reg: 0507-001228
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		5		

For Vending Business Only — Number of Machines: — Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

THOMAS M MCDONALD
3563 NW 53 ST
FORT LAUDERDALE, FL 33309

Receipt #1CP-18-00009388
Paid 07/12/2019 30.00
07/11/2019 Effective Date

2019 - 2020

8. List the last three project of this nature that the firm has completed? Please provide project description, reference and cost of work completed.

Project No. 1: NE 14th Avenue Streetscape Project

Name of the entity for which the work was performed: City of Hallandale Beach, Florida

Brief description of the scope of the project: The project area is along NE 14th Avenue between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides of the two (2) storm water pump stations. Craven Thompson provided surveying, landscape architecture, civil engineering services, and CEI Services.

Reference:

Mr. Manga Ebbe, Project Manager
City of Hallandale Beach
Utilities & Engineering Department
630 NW 2nd Street
Hallandale Beach, Florida 33009
Phone: (954) 457-3043
Email: mebbe@hallandalebeachfl.gov

Construction cost of project: $1,157,206.00

Project No. 2: Miramar Historical Area Complete Streets Project – Phase II

Name of the entity for which the work was performed: City of Miramar, Florida

Brief description of the scope of the project: The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements. Craven Thompson was selected by the City of Miramar to survey, design, permit, and provide construction services.

Reference:

Mr. Salvador Zuniga, P.E.
Assistant City Engineer
City of Miramar
Engineering / Support Services
2200 Civic Center Place
Miramar, Florida 33025
Phone: (954) 602-3323
Email: sezuniga@miramarfl.gov

Construction Cost of Project: $1,900,000.00

Project No. 3: SW 36th Street

Name of the entity for which the work was performed:

Nova Southeastern University / Town of Davie, Florida

Brief description of the scope of the project: The 3,300-foot length of SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. In connection with this improvement, any portions of SW 36th Street owned by NSU was dedicated to the Town solely for roadway purposes. Craven Thompson provided surveying, landscape architecture, civil engineering services, and CEI Services.

Reference:

Mr. Randall Seneff
Executive Director - Design & Construction
Nova Southeastern University
3301 College Avenue
Fort Lauderdale, Florida 33314
Phone: (954) 262-8805
Email: rseneff@nova.edu

Construction cost of project: $4,876,483.00

9. Have you ever failed to complete any work awarded to you? If so, where and why?

No

10. Provide the following information concerning all contracts that are similar in nature or use the same project team proposed for this contract that are ***in progress*** as of the date of submission of this Response.

Name of Project	Contract with:	Contract Amount	Estimated Completion Date	% of Completion to Date
Kimberly Boulevard	North Lauderdale	$126,000.00	February 2020	90%
Three Island Traffic Calming	Hallandale Beach	$83,000.00	April 2020	75%
NW 21st Avenue Median & Utility Improvements	Lauderhill	$56,000.00	June 2020	50%
NW 10 Avenue Streetscape Improvements	Oakland Park	$178,000.00	August 2020	50%

(Continue list as necessary)

Provide the following information for any sub-contractors you propose to engage if awarded a contract.

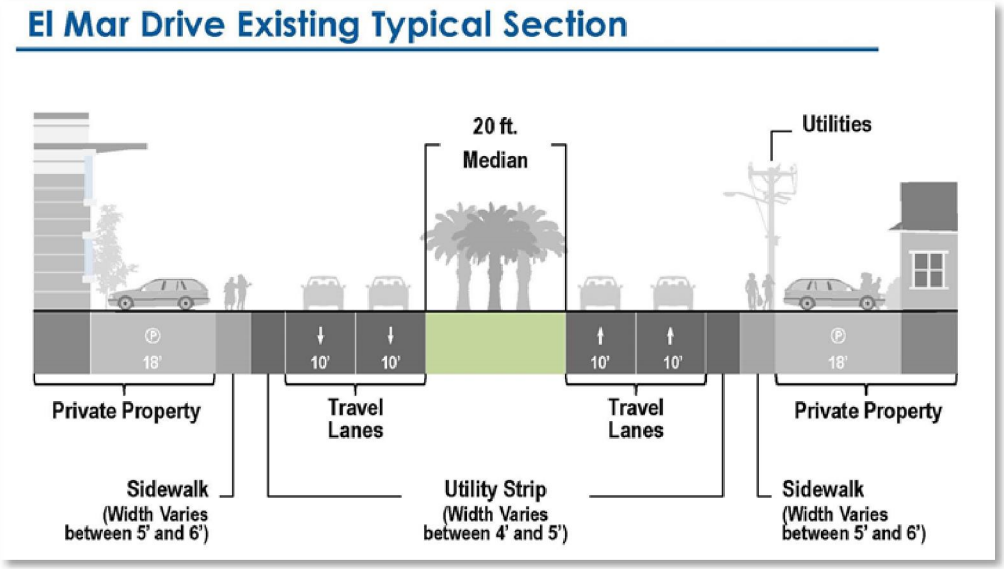
Subcontractor Name	Contact Information	Work to be Performed
Electrical Design Associates, Inc.	Ms. Lillian M. Reyes, P.E. President Phone: (561) 819-5556 Email: lreyes@goeda.com	Electrical Engineering & Street Lighting
Absolute Civil Engineering Solutions, LLC	Ms. Tiffany Leal President Phone: (954) 349-8797 Email: tleal@absoluteces.com	Geotechnical Engineering
Dickey Consulting Services, Inc.	Ms. Sheryl Dickey President & CEO Phone: (954) 467-6822 Email: sdickey@dickeyinc.com	Public Outreach
GPI Geospatial, Inc.	Mr. Matthew LaLuzerne Vice President Phone: (407) 851-7880 Email: mlaluzerne@gpinet.com	Mobile LiDAR
InfraMap Corp	Mr. Andres Garcia Senior Utility Location Manager Phone: (561) 586-0790 Email: agarcia@inframap.net	Subsurface Utility Engineering

The foregoing list of subcontractors may not be amended after award of the contract without the prior written approval of the Town Manager, whose approval shall not be unreasonably withheld.

UNDERSTANDING OF THE PROJECT

The El Mar Drive Project extends from Palm Avenue to Pine Avenue, including the sections of Palm Avenue & Pine Avenue, from A1A to El Mar Drive. The project includes roadway improvements, storm sewer installation, bike lanes, sidewalk improvements, pedestrian lighting installation and other utilities/utility adjustments.

Various design ideas have been considered over the past eight years including a greenway concept (which is not included in this design). The existing right-of-way has very little green space and includes paved swales and overhead utilities. There is a great deal of existing infrastructure within a limited amount of right-of-way. Therefore, design concepts will require innovative alternatives.



The Town wishes to incorporate the surface improvements with the stormwater improvements. The Town's Stormwater Master Plan notes the roadway flooding occurs primarily north Commercial Boulevard; and to a lesser extent there is still flooding south of Commercial Boulevard. The plan recommends exfiltration trench to mitigate the current flooding. This appears to be a good solution; however, we will review other concepts including the possibility of including drainage wells.

DESCRIPTION OF CRAVEN THOMPSON & ASSOCIATES, INC.

➢ Civil Engineering Services

At Craven Thompson & Associates we offer a wide range of civil engineering capabilities that we coordinate with our planners, surveyors, landscape architects and G.I.S. specialists, to provide a total coordinated project from site evaluation to a completion. We take pride in our ability as "problem solvers". This includes preparing studies, plans, calculations, and specifications, permitting, conducting the necessary public meetings and hearings, bidding projects, coordination with affected private property owners for the construction of the project, inspecting the construction, performing contract administration for the construction, and final certification of the project.

Roadway/Stormwater/Sanitary/Water/Neighborhood Improvements



Craven Thompson has designed numerous projects which have included complex multiple pumping stations, storm drainage, roadway/right-of-way design for infrastructure revitalization projects. Designs have included roadways, sidewalks, water quality BMPs, storm drainage, stormwater quality improvements, and stormwater management, ADA improvements, water distribution systems, pumping stations, sanitary lift stations, sanitary collection systems, and force main.

We have extensive experience, knowledge and insight in the public outreach, design, permitting, bidding and construction services of major infrastructure projects. Our experience includes hundreds of miles of right-of-way infrastructure rehabilitation for public entities.

Street/Roadway

Craven Thompson is working on or has recently completed the design and permitting of a significant number of roadway projects including but not limited to:

- 6th Avenue South Roadway and Streetscape Improvements, Lake Worth
- Floranada Avenue Traffic Calming Improvements, Oakland Park
- Davie CRA Parking Areas
- NE 5th Avenue Streetscape, Oakland Park
- NE 34th Court Complete Streets, Oakland Park
- NW 38th Street Complete Streets, Oakland Park
- Miramar Historic Area Complete Streets – Phase II, Miramar
- SW 36th Street, Davie
- NE 14th Avenue Streetscape, Hallandale Beach



- NW 21st Avenue, Broward County
- SW 41st Place, Davie
- Roadway improvements involving: North M Street, North K Street, North F Street, North J Street, 11th Avenue North, and 15th Avenue North, Lake Worth.

Additionally, we have just completed the design of intersection traffic calming improvements to the following intersections for the City of North Miami:

- NW 123rd Street/NW Miami Court
- NW 123rd Street/NW 1st Court
- NW 139th Terrace/NW 5th Court

These roadways included utilities such as sanitary and water, and drainage improvements. In addition, we surveyed, designed, permitted and provided CEI services for hundreds of miles of reconstructed roadway in our infrastructure rehabilitation projects.

Stormwater/Storm Sewer/Drainage

Craven Thompson has prepared master plans, conceptual permits, and studies. We have designed, permitted, bid and managed the construction of thousands of miles of roadway/drainage/stormwater infrastructure improvements. We understand the importance of flood protection measures, as standing water promotes unhealthy conditions as well as inhibits essentials services from accessing the area.

Within the past ten (10) years, Craven Thompson has prepared comprehensive stormwater management plans for the Cities of Aventura, Hallandale Beach, Sunrise, North Miami Beach Miami Gardens, Greenacres, the Town of Davie, and Study Area #1 modification for Pompano Beach. In addition, we serve as the District Drainage Engineers for Tindall Hammock Irrigation and Soil Conservation District (THISCD), and the Central Broward Water Control District (CBWCD) providing planning, capital improvements costs, design and construction administration services which resolved flooding and environmental concerns for the Cities. We have performed major and minor stormwater basin studies and has implemented recommendations of those studies through design, permitting, & CEI of basin-wide improvements. Our stormwater master planning projects include computer modeling using Streamline Technologies ICPR Software as well as PCSWMM, the commercial version of US EPA SWMM5 Software. Craven Thompson has used the ICPR for the past twenty (20) years, and utilizes the latest update, V4. Additionally, we have used the program CASCADE on smaller projects.



We have designed and permitted over 400,000 linear feet of storm sewer and exfiltration trench in the past ten years. These designs have included sustainable practices such as the design of bio-swales, exfiltration trench, pumping stations, tidal backflow devices, Vortech Water Quality Structures, STORMCEPTORS, and wetland preserve areas.

➢ Landscape Architecture Services

Craven Thompson was incorporated in 1962 and has a large group of Professional Engineers, graduate Engineers, Surveyors, G.I.S. Specialists, Landscape Architects and Planners.

We have gained an invaluable skill set and extensive experience in providing quality professional services for an enormous diversity of projects for a variety of municipalities. These projects have ranged in size and complexity from small, single-task assignments to large, multi-scaled projects involving numerous sub-consultants and/or specialized services.

The Landscape Architecture Department at Craven Thompson was created in 1985 when its first Registered Landscape Architect joined the team. The Landscape Architecture Department was created in response to increased public and private concern for natural systems, environmental quality and community appearance. Craven Thompson has been actively engaged in Landscape Architecture ever since, resulting in hundreds of impressive landscape architectural projects in South Florida. Our Landscape Architects are readily available to provide services to conduct site planning for the initial conceptual planning stages of a project, as well as the landscape, hardscape, site amenity and irrigation plans.





We have designed a number of right-of-way landscaping and traffic calming projects in the South Florida area. Aesthetic features, such as street lights, trees, berming, shrubs and other landscaping, can contribute to the unique character of a street and assist in mitigating resident concerns with regards to traffic, noise, and security concerns. Some of the streets including landscape, hardscape, traffic calming and beautification recently completed include:

- NE 14th Avenue Streetscape (includes stormwater pump station landscape screening), Hallandale Beach
- NE 5th Avenue Streetscape, Oakland Park
- Floranada Road Streetscape & Traffic Calming, Oakland Park
- North Miami Intersections Traffic Calming,
- Oakland Park Boulevard Median Enhancements
- Powerline Road Median Enhancements
- Miramar Parkway & Miramar Blvd. Median Enhancements

Recently finished Complete Streets projects include NW 34th Court, and NE 38th Street in Oakland Park, and six (6) complete streets in the Historical Area in the City of Miramar.

Craven Thompson designed approximately seventy (70) miles of Greenways in Broward County. These included the C-14 Canal/Cypress Creek Greenway, New River/SR 84 Greenway, Flamingo Road Trail, Dixie Highway/FEC Trail and Griffin/Orange Drive Greenway. Many of our other projects include master plans, design, permitting and construction services for streetscapes, median landscaping and hardscape, right-of-way enhancements, active and passive parks, recreational amenities for upscale residential projects, landscape and hardscape for libraries, community centers, fire stations, city halls, and urban redevelopment throughout South Florida.

Over the past several years, urban design in South Florida has gone through a drastic change. With the introduction of 'modern urbanism' the language of development has been changed forever. Suburban communities are now urban; mass transit is being taken seriously; pocket parks and urban oasis are becoming more of a common occurrence and 'sustainability' and 'green buildings' has entered into Code requirements from many cities and counties.

As prime consultant with sub-consultant ALTA Planning, Craven Thompson prepared the Bicycle/Pedestrian Greenways & Trails Master Plan for the City of Sunrise. The Plan defined a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city. The plan was sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government.

We have also prepared many design studies and produced construction documents for many urban design projects. The Craven Thompson approach to urban design plans builds on three key principles:

- Build on Your Strength
- Create Great Places
- Activate the Street

With every urban design plan, Craven Thompson will review these three key principles to determine how they can all be met. All three are incredibly important in an urban environment. By building on the strength that is already present in the Town, site or area, by creating a great space that pays attention to the details and by activating the street which provides an undeniable energy, change will be achieved quicker and will be more successful.



In outlining an applicable approach, it is assumed that the task would be to develop general urban design plans for a specific area within the Town. The final deliverable could possibly be a set of design guidelines for the redevelopment of an area.

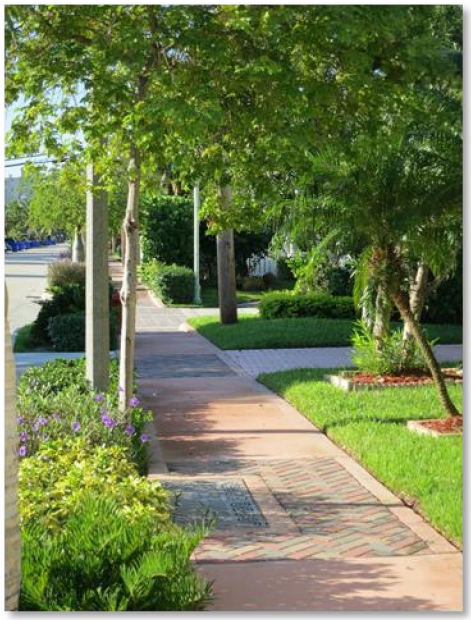
Surveying Services

The Craven Thompson Surveying & GIS Department has four (4) professional surveyors and mappers, four (4) survey technicians and six (6) field crews. Providing surveying services has been, and continues to be, an important portion of our business since 1962.

Craven Thompson provided surveying services for the Town of Lake Park for the Northlake outfall into the SFWMD Canal, the City of Hollywood, surveying all of their tidal drainage structures, a hydrographic survey for Greenacres, and hydrographic surveys for Port Everglades, Broward County, the Central Broward Water Control District, and the Tindall Hammock Irrigation and Soil Conservation District

Craven Thompson has provided surveying services on a significant number of roadway projects including:

- Miramar Historic Area Complete Streets Phase II, Miramar
- NE 29th Place, Aventura
- NE 14th Avenue Streetscape, Hallandale Beach
- SW 36th Street, Davie
- NW 21st Avenue, Broward County
- State Road 7, Broward County
- Electronics Way, West Palm Beach
- North Riverside Drive, Pompano Beach
- 7th Street, West Palm Beach
- Filmore Street, Hollywood
- NE 34th Court, Oakland Park
- NE 38th Street Complete Streets, Oakland Park
- Pine Island Road (BCHCED)
- Miramar Parkway (BCHCED)
- Spangler Boulevard, Port Everglades
- Fleming Avenue, Greenacres
- NW 125th Street Improvements, North Miami
- Sunrise Boulevard (BCHCED)



Other roadway projects where Craven Thompson key personnel have provided surveying services includes:

- NE 5th Avenue Streetscape and Roadway Reconstruction Project; Oakland Park
- Floranada Road Traffic Calming Improvement Project, Oakland Park;
- North Miami Intersection Traffic Calming.

In addition, these Craven Thompson personnel have undertaken civil engineering and surveying services for roadway milling & re-surfacing projects. These projects involved the milling of existing asphalt, adjustment of existing utilities, the preservation/replacement of existing curb & gutter, protection of existing trees, the addition of landscaping, and the restoration of right-of-way:

- 207th Street Milling & Resurfacing, Aventura

- Country Club Drive Milling & Resurfacing, Aventura
- NW 191st Street Milling & Resurfacing, Aventura
- NE 29th Court; NE 201st Terrace, Aventura
- NE 27th Court, Aventura
- Frontage Road along NE 203rd Street Milling Resurfacing, Aventura
- NE 188th Street, Aventura
- NE 185th Street, Aventura
- NE 31st Avenue Milling & Resurfacing, Aventura,
- 191st Street Milling & Resurfacing, Miami Gardens

These Craven Thompson team members have performed surveying services for hundreds of miles of roadway on neighborhood projects including:

- Miami Gardens Livable Neighborhood Improvements – Vista Verde
- City of Oakland Park Garden Acres Neighborhood Improvements
- South County Neighborhood Improvement Project
- Central County Neighborhood Improvement Project
- North Central County Neighborhood Improvement Project
- North County Neighborhood Improvement Project, NE and NW Quadrants

Craven Thompson (working with their sub-consultants) developed mobile LiDAR to create surveying level topography and digital terrain models many of our roadway and neighborhood projects.

See Project Summary Sheets for further information (in this Section).

SUB-CONSULTANTS

✓ Geotechnical

Absolute Civil Engineering Solutions, LLC (ACES) is a Certified M/WBE firm offering a full range of engineering, testing and consulting services from pre-construction through post construction. On a daily basis, ACES is capable of providing engineering consulting services to both the public and private sector, including owners, developers, architects, general contractors, property management companies, school boards, and municipalities.

✓ Electrical Engineering (Electrical Engineering & Roadway Lighting)

Electrical Design Associates, Inc. (EDA) is a small sized consulting engineering firm specializing in electrical, instrumentation, power source design, and roadway lighting design incorporated in September 1998. EDA provides consulting engineering services to both the public and private sectors. EDA is a Certified Minority/ Women Business Enterprise with offices in Palm Beach, Hillsborough and Orange Counties. Their present staff includes registered engineers, graduate engineers, instrumentation designers, CADD technicians, and one field superintendent. EDA's staff experience includes municipal lighting projects, roadway lighting improvements, including recreational facilities, active and passive facilities throughout the State for several municipalities including but not limited to the City of Deerfield Beach, Village of Wellington, Port St. Lucie, Palm Beach County, Parkland, the City of Fort Lauderdale, Miramar, Pompano Beach, City of Sunrise, Martin County, Miami-Dade County, Lake Mary, North Miami Beach, Daytona Beach, the Town of Davie, Miami Beach, FDOT, as well as Florida Atlantic University. EDA is staffed to provide electrical and instrumentation engineering services from inception through design, bid, and construction completion.

Electrical Design Associates, Inc. has provided electrical engineering design for municipalities throughout the State of Florida for the very services requested in this RFP. A sample list of projects is provided below.

- Miramar Complete Streets Project, *Miramar, Florida*
- Hypoluxo Road Street Lighting, *Palm Beach County, Florida*
- Hillsboro Blvd. Improvements, *City of Deerfield Beach, Florida*
- Gun Club Road Street Lighting, *Palm Beach County, Florida*
- Boynton Beach Boulevard Street Lighting, *Palm Beach County, Florida*
- Sandalfoot Blvd Street Lighting Project, *Palm Beach County, Florida*
- NE 1st Avenue Lighting Improvements, *Delray Beach, Florida*
- Frenchman's Reserve, *Palm Beach Gardens, Florida*
- CROC Parking Lot Expansion, *Palm Beach County, Florida*
- Okeechobee Blvd Lighting, *Royal Palm Beach, Florida*

✓ Mobile LiDAR

GPI Geospatial, Inc. (GPI) is a premier mapping firm for all forms of transportation in North America. GPI's mission is to map the foundation for infrastructure improvements that enhance the connectivity between people and communities. GPI's vision is to be the most trusted provider of precision mapping, imagery, LiDAR, and surveying services within the transportation, planning, design, construction, and government communities.

✓ Public Outreach

Dickey Consulting Services, Inc. (DCS) is an economic development, government relations, project management and communications consulting firm. The organization and its associates provide services to public and private enterprises, coordinating, implementing and promoting projects related to economic and community development, government relations, business development, housing, public relations, public involvement, and other marketing initiatives.

DCS will develop and finalize our community outreach program. The program will be comprised of the following primary elements:

- Facilitation of Community Participation through Community Workshops and resident and business association meetings.
- Issues Identification and Management.
- Marketing Communications, including brochures, newsletters, mailings, and City website updates.
- Ongoing Monitoring and Review of effectiveness of program and any resulting modifications to the program.

A system for tracking complaints / questions will also be established. This ensures that complaints are directed to the proper entity and satisfactorily addressed in a timely manner. *Informational brochures* will be distributed before and during all phases of construction. The Team has found that public inclusion in projects at the beginning avoids animosity at the project completion.

✓ Sub-surface Utility Locates

InfraMap Corp uses their technologies to provide accurate utility infrastructure information to enhance constructability and control costs for the client. They expect and intend that their services will provide a substantial net savings to the client over and above our fee. They are experts in mapping all types of utility infrastructure including buried utility systems, storm water and sanitary systems, tunnels, and foundations, as well as aerial and above ground systems. InfraMap also produces detailed dimensional drawings of the interior and exterior of underground vaults and structures,and performs air vacuum excavation test pits. Projects are performed with an eye on identifying possible conflicts between existing utilities and proposed construction. InfraMap is sensitive to the fact that utility records may be misleading and incomplete; therefore, investigations are performed on every project with the goal of detecting undocumented utilities. Their professional engineers and surveyors are involved in the scoping, performance and final review of each project, ensuring the appropriate data is provided.

NE 14th Avenue Streetscape Improvements
Hallandale Beach, Florida





SCOPE

The project area is along NE 14th Avenue between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides of the two (2) storm water pump stations. Please note: Landscaping along the west side of the enclosure may be limited due to the close proximity of the screen fence to the existing sidewalk; PaveDrain concrete block access drives on each side of the two (2) storm water pump stations; mid-block crosswalks; and resting areas (benches, trash cans, etc.). Craven Thompson & Associates, Inc. provided surveying, landscape architectural, civil engineering services, and CEI Services.

CLIENT
Mr. Manga Ebb
Project Manager
City of Hallandale Beach
630 NE 2nd Street
Hallandale Beach, Florida 33009
Phone: (954) 457-3043
Email: mebbe@hallandalebeachfl.gov

PROJECT ROLE
Prime Consultant

START / COMPLETION DATE
2016 - 2018

CRAVEN THOMPSON'S FEES
$150,115.00

CONSTRUCTION COST
$1,344,560.00 - Estimated
$1,157,206.00 - Actual

Miramar Historical Area Complete Streets Project - Phase II, Miramar, Florida



SCOPE

Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

Services provided include Complete Streets Landscape Architecture, Transportation Engineering, Civil Engineering, Land Surveying, and Cost Estimating.

CLIENT
Mr. Salvador Zuniga, P.E.
Assistant City Engineer
City of Miramar
2200 Civic Center Place
Miramar, Florida 33025
Phone: (954) 602-3323
Email: sezuniga@miramarfl.gov

PROJECT ROLE
Prime Consultant

DURATION OF PROJECT
16 Months

COMPLETION DATE
November 2018

CONSTRUCTION COST
$1.9 Million

Nova Southeastern University - SW 36th Street
Davie, Florida



SCOPE

Craven Thompson & Associates provided civil engineering, CEI, and miscellaneous survey services for the project. SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. In connection with this improvement, any portions of SW 36th Street currently owned by NSU are being dedicated to the Town solely for roadway purposes.

CLIENT
Mr. Randall Seneff
Executive Director, Design & Construction
Nova Southeastern University
3301 College Avenue
Fort Lauderdale, Florida 33314
Phone: (954) 262-8805
Email: rseneff@nova.edu

PROJECT ROLE
Prime Consultant

START / COMPLETION DATE
August 2015 - April 2019

CTA FEES
$541,045.00

CONSTRUCTION COST
$7,007,191.00

Seagrape Drive North and South
Lauderdale-by-the-Sea, Florida



SCOPE

Craven Thompson and Associates, Inc. was the Landscape Architectural consultant for Walter Keller, Inc. in the redesign of the streetscape for both Phases of Seagrape Drive in the Town of Lauderdale-by-the-Sea.

A challenging project because of the multi-family back-out parking and single-family homes, this neighborhood street was turned from a wide asphalt roadway with very little character, to a beautiful, pedestrian-friendly streetscape. Decorative lighting, decorative signage, colored sidewalks, a bike path, paver crosswalks, tree grates and extensive landscaping transformed this roadway into a beautiful corridor for the Town of Lauderdale-by-the-Sea. Phase I of the project was completed in 2005 with Phase II following up in October, 2008. Craven Thompson was involved in all aspects of the construction of the streetscape project.

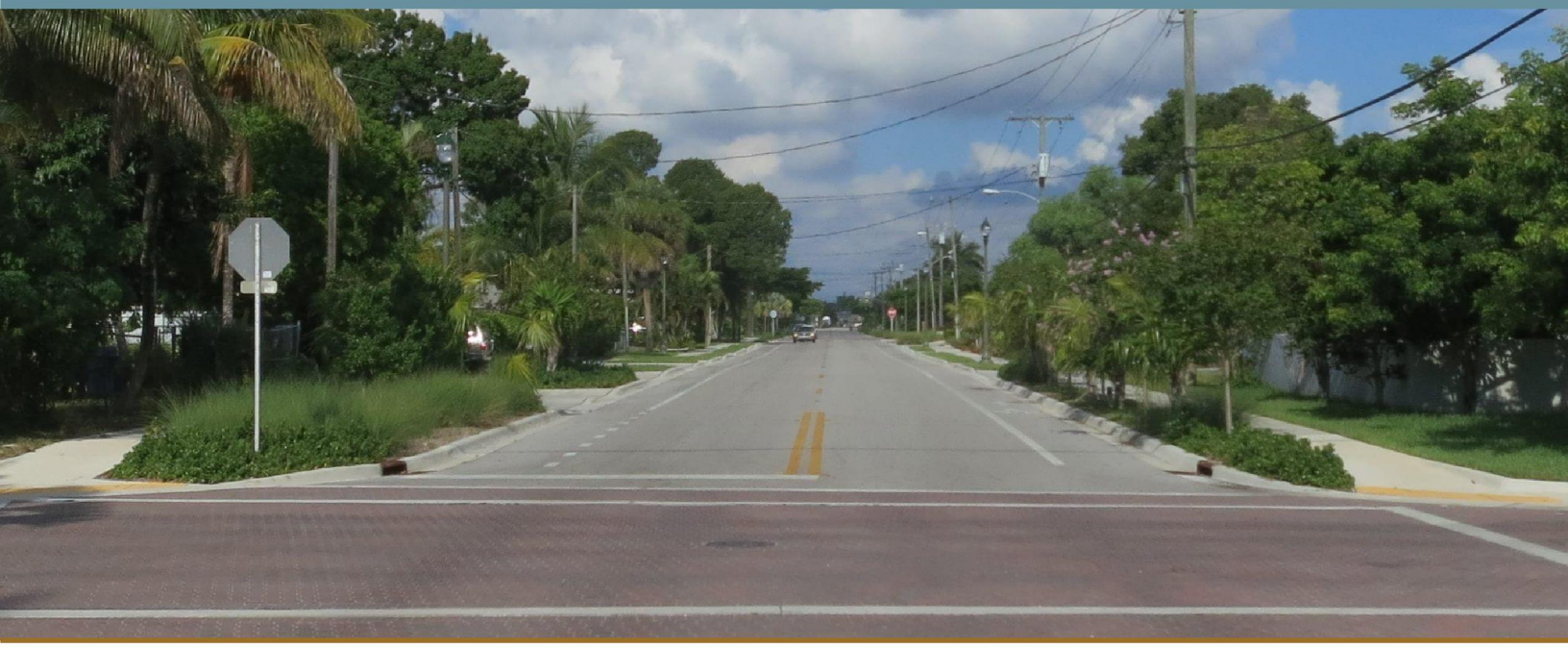
CLIENT
Mr. Walter H. Keller
Walter H. Keller, Inc.
1890 University Drive, Suite 304
Coral Springs, Florida 33071
Phone: (954) 755-3822
Email: wkeller@whkinc.com

PROJECT ROLE
Sub-Consultant

COMPLETION DATE
2008

CONSTRUCTION COST
Phase I - $75,000.00
Phase II - $100,000.00

NE 34th Court Complete Streets Project (NE 2nd Avenue to Dixie Highway) Oakland Park, Florida



SCOPE

This project involved the provision of professional engineering services for the design and permitting of approximately 0.70 miles of roadway improvements on NE 34th Court from NE 2nd Avenue to Dixie Highway.

The streetscape and engineering services included full roadway reconstruction design, stormwater management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction. Craven Thompson and Associates assisted the City of Oakland Park with the funding procurement process.

CLIENT
Ms. Jennifer Frastai, ICMA-CM
Director of engineering & Community Development
City of Oakland Park
5399 N. Dixie Highway, Suite 3
Oakland Park, Florida 33334
Phone: (954) 630-4477
Email: jenniferf@oaklandparkfl.gov

PROJECT ROLE
Prime Consultant

START / COMPLETION DATE
Design Start - 2011
Construction Start - January 2013
Construction Completion - June 2015

CRAVEN THOMPSON'S FEES
$280,568.00

CONSTRUCTION COST
$3,255,630.00

6th Avenue South Roadway & Streetscape Improvements (between Federal & Dixie Highway) Lake Worth Beach, Florida



SCOPE

The project limits are 6th Avenue South – Federal Highway to Dixie Highway. The scope of work includes – mill existing pavement 1" +/- and reconstitute existing Type F curb, selective removal/replacement of sidewalk and curbing, striping, ADA ramps, and traffic calming features that add aesthetic value. Craven Thompson & Associates provided Surveying, Civil Engineering, and CEI Services for the project.

CLIENT
Mr. Felipe Lofaso
Assistant Director – Public Works Department
City of Lake Worth Beach
1749 3rd Avenue South
Lake Worth Beach, Florida 33460
Phone: (561) 586-1720
Email: flofaso@lakeworthbeach.gov

PROJECT ROLE
Prime Consultant

CONTRACT DURATION
Survey, Design & Permitting – Completed in 2015
Construction Completed in 2016

CRAVEN THOMPSON'S FEES
$24,800.00

CONSTRUCTION COST
$240,000.00

River Oaks Neighborhood Drainage Improvements, Fort Lauderdale, Florida



SCOPE

Craven Thompson & Associates, Inc. is a sub-consultant to Hazen Sawyer for design, permitting, and CEI services for the River Oaks Neighborhood Drainage Improvements in the City of Fort Lauderdale.

The River Oaks neighborhood is located east of I-95 and South Fork New River and is bounded by State Road 84 to the south, Davie Road to the north, and SW 9th Avenue to the east. The neighborhood occupies a total area of approximately 518-acres.

A major objective is to collect the runoff from the low areas. Selective pipe upsizing, pipe interconnections, the installation of permeable pavement and exfiltration trench will be used to reduce road flooding in the residential areas. Proposed improvements are intended to reduce flood stage and time of inundation above road crowns for a 10 year-24-hour design storm event and to protect against structural flooding in a 100 year-72-hour storm event. Craven Thompson is developing construction documents (design, permitting, & CEI services) for the neighborhood. Our design includes new piping & structures (conveyance system), exfiltration trench, sea level rise – backflow prevention and seawall height. In addition, we are designing nutrient separating baffle boxes (NSBB), and STORMCEPTOR water quality structures.

OWNER
Mr. Rares Petrica, MBA, P.E.
Senior Project Manager
Public Works Department
City of Fort Lauderdale
100 N. Andrews Avenue
Fort Lauderdale, Florida 33301
Phone: (954) 828-6720
Email: RPetrica@fortlauderdale.gov

PROJECT ROLE
Sub-Consultant

START / COMPLETION DATE
October 2016 – May 2022

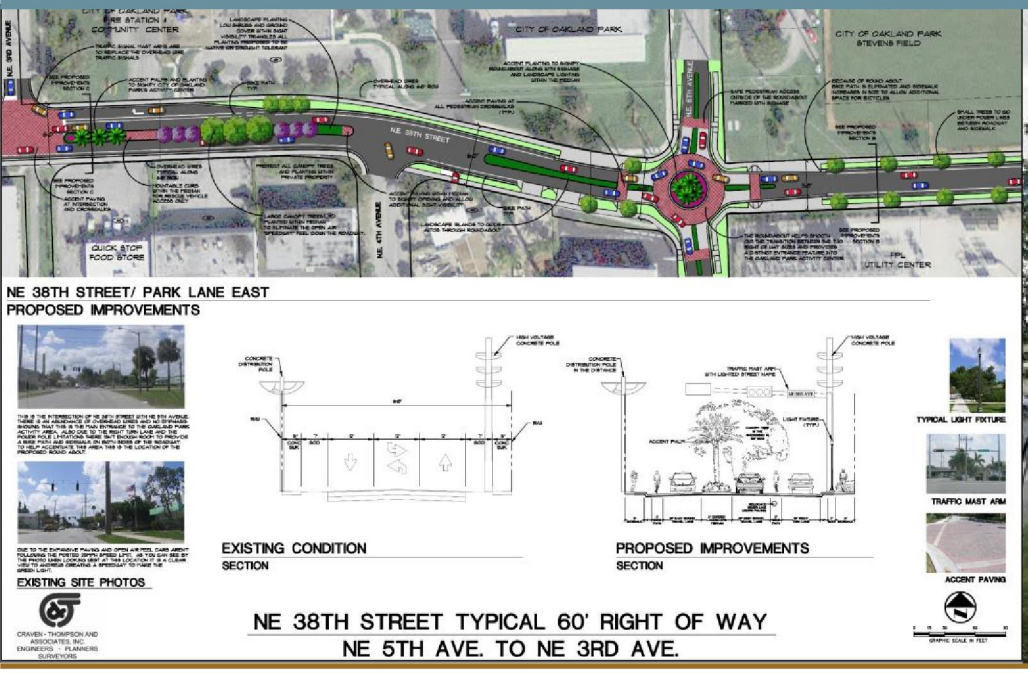
CONSTRUCTION COST
$22,560,000.00 (Estimated)

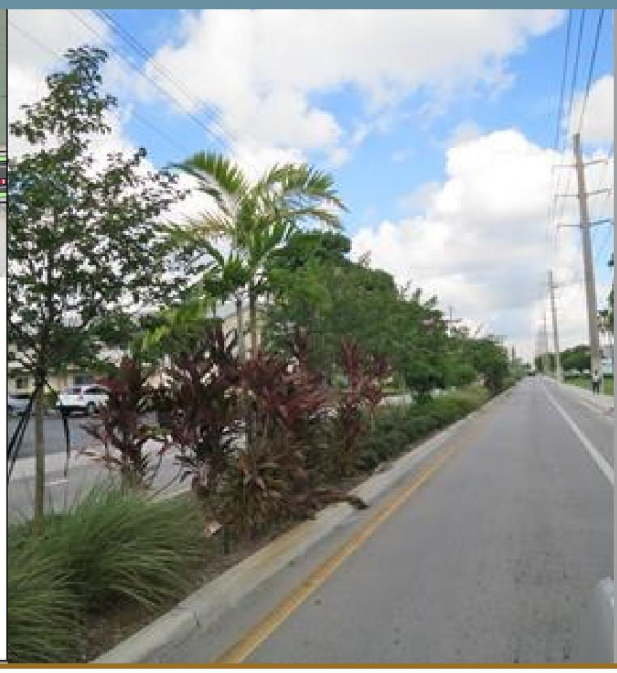
River Oaks Neighborhood Drainage Improvements (Continued)

Improvements include: 12,677 linear feet of swale re-grading, 5,346 linear feet of storm pipe removal, removal of 251 storm drainage structures, the installation of 90 linear feet of 15" diameter storm sewer, 4,374 linear feet of 18" diameter storm sewer, 4,675 linear feet of 24" diameter storm sewer, 1,771 linear feet of 36" diameter storm sewer, 145 linear feet of 48" diameter storm sewer, 3,129 linear feet of 66" diameter storm sewer, 1,056 linear feet of 72" diameter storm sewer, 2,640 linear feet of 24" diameter exfiltration trench, the installation of 236 new drainage structures, 2 – STORMCEPTER water quality structures, one TIDEFLEX backflow prevention valve, and 4,219 linear feet of sidewalk.

The project also includes one small duplex stormwater pump station, and one large stormwater pump station.

NE 38th Street Complete Streets Project
Oakland Park, Florida





SCOPE

This project involved the provision of professional engineering services for the design and permitting of approximately 0.90 miles of roadway / streetscape improvements.

The consulting services included landscape, hardscape, and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main Project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction.

CLIENT
Ms. Jennifer Frastai, ICMA-CM
Director of engineering &
Community Development
City of Oakland Park
5399 N. Dixie Highway, Suite 3
Oakland Park, Florida 33334
Phone: (954) 630-4477
Email: jenniferf@oaklandparkfl.gov

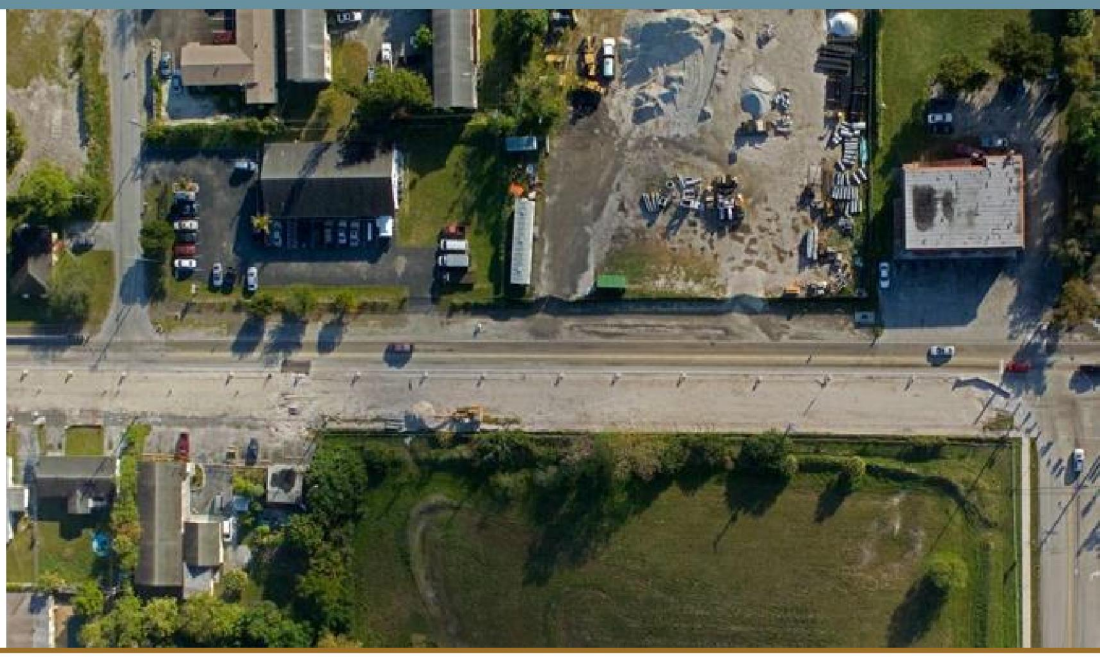
PROJECT ROLE
Prime Consultant

COMPLETION DATE
Design - June 2011
Construction - May 2015

CRAVEN THOMPSON'S FEES
$230,905.00

CONSTRUCTION COST
$3,247,136.00

NW 21st Avenue, Fort Lauderdale and Oakland Park, Florida



SCOPE

NW 21st Avenue Project consisted of design and construction engineering inspection services of Roadway, Regional Outfall, Storm Sewer, Signalization and Landscaping Improvements to an existing two-lane roadway through heavy commercial and residential area from north of Oakland Park Boulevard to NW 19th Street. Roadway was re-aligned to provide for an additional landscaped buffer area between the commercial and residential property. This regional outfall serves approximately 400 acres of existing residential developments in Fort Lauderdale and Oakland Park, Oakland Park Boulevard drainage relief and NW 21st Avenue. The outfall was jacked under the CSX Railroad into the Interstate 95 Right-of-Way then north to the C-13 Canal. Along with the roadway realignment, new storm sewer was designed and constructed and exfiltration trench and a STORMCEPTOR structure was added for water quality treatment to offset the effect of the additional pavement. This Project entailed significant coordination between numerous agencies of the State, County and Federal Governments. Signal replacements are proposed at Oakland Park Boulevard and NW 26th Avenue as part of this Project.

OWNER
Mr. Richard Tornese
County Engineer
Broward County Highway Construction and Engineering Division
One University Drive, Suite 300B
Plantation, Florida 33324
Phone: (954) 557-4600
Email: rtornese@broward.org

PROJECT ROLE
Prime Consultant

COMPLETION DATE
August 2011

CRAVEN THOMPSON'S FEES
Contract Amount: $1,596,600.00
Final Amount: $1,543,178.92

CONSTRUCTION COST
$5,492,000.00

NE 5th Avenue Streetscape & Reconstruction (Oakland Park Blvd. to NE 38th Street) Oakland Park, Florida



SCOPE

The City of Oakland Park awarded Craven Thompson & Associates the design contract for the landscape and streetscape improvements, roadway, storm water quality treatment and attenuation improvements, and storm sewer for the NE 5th Avenue Corridor from Oakland Park Blvd. to NE 38th Street; approximately 0.60 miles. The consulting services included: full roadway reconstruction design, storm sewer design per FDOT standards, storm water management ICPR modeling and design, utility coordination and relocation, all associated jurisdictional permitting, & construction engineering and inspection services. This project utilized federal grant funding for construction; specifically, a Community Development Block Grant - Recovery Project Fund (CDBG-R)

CLIENT

Ms. Jennifer Frastai, ICMA-CM
Director of engineering & Community Development
City of Oakland Park
5399 N. Dixie Highway, Suite 3
Oakland Park, Florida 33334
Phone: (954) 630-4477
Email: jenniferf@oaklandparkfl.gov

PROJECT ROLE

Prime Consultant

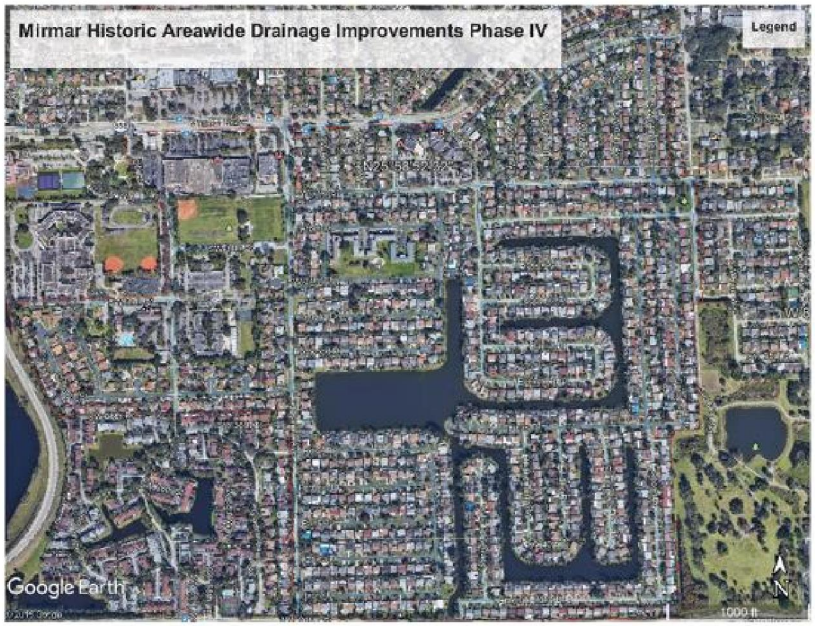
START / COMPLETION DATE

Design Start - June 2009
Construction Start – 2011
Construction Completion - 2012

CONSTRUCTION COST

$1,864,016.16

Historic Miramar Areawide Drainage Improvements Project, Phase IV, Miramar, Florida



SCOPE

Historic Miramar Areawide Drainage - Phase IV, approximately 298 acres in area, is located in the general area bounded by SW 64 Avenue to the east, County Line Road to the south, Florida Turnpike to the west and Miramar Parkway to the north. The project area was poorly-drained and experienced significant flooding due to inadequate stormwater management facilities. The drainage basin depended upon percolation and evaporation in the grass swales along the roadways to remove excess stormwater runoff. Many of these grass swales had been filled in by residents to create landscape areas thus reducing storage and the effectiveness of percolation. Inlets and outfalls were limited in this area of the project. The improvements constructed to alleviate the flooding include: 85,942 linear feet of re-graded swales, 205 new drainage structures, 17,598 linear feet of valley gutter, 3,000 linear feet of 15" diameter RCP storm sewer, 19,141 linear feet of 24" diameter exfiltration trench, pavement milling and overlay, 8 outfall replacement/rehabilitations, driveway removal and replacement, pavement marking & signage, and various other right-of-way restoration improvements.

Craven Thompson & Associates provided surveying, civil engineering/drainage design, ICPR computer modeling, plan and specification production, permitting, bid assistance, construction related services, CWSRF Loan administration assistance, and grant writing.

OWNER
Ms. Marilyn Markwei
Public Works Streets and Drainage Engineer
City of Miramar
13900 Pembroke Road
Miramar, FL 33027
Phone: (954) 883-6806
Email: mmmarkwei@miramarfl.gov

PROJECT ROLE
Prime Consultant

START / COMPLETION DATE
2018 – 2020 (Estimated)

CRAVEN THOMPSON'S FEES
$799,330.00

CONSTRUCTION COSTS
$9,114,343.00 (Estimated)

Washington Road Basis of Design Review (BODR)
West Palm Beach, Florida



SCOPE

The Basis of Design Report (BODR) for the Washington Road (Monceaux Road to Edgewood Drive) study area provides a preliminary master plan for the future construction of infrastructure improvements. The study area, totaling approximately three (3) acres, is located within a single-family residential neighborhood of West Palm Beach where many of the existing utility systems are inadequate, aging and in need of reconstruction. This BODR will provide a basis for the final design of infrastructure improvements for the study area. The report recommendations are as follows:

<u>Water Distribution</u>

The City of West Palm Beach owns the water distribution system within the Washington Road right-of-way. Within the right-of-way, many lines are substandard, with main line diameters of three-inch (3") and four-inch (4"). There also exists a significant amount of transite/asbestos cement pipe north of Greenwood Drive. Fire hydrants are not located in accordance with City of West Palm Beach standards for minimum spacing. Recommended improvements include replacement of all three-inch (3") and four-inch (4") diameter water mains and transite/asbestos cement pipe with an interconnected twelve-inch (12") diameter water main along with the installation of fire hydrants to meet minimum spacing requirements per City Code.

CLIENT
Ms. Laura Le, P.E.
City of West Palm Beach
Department of Engineering Services
401 Clematis Street, 4th Floor
West Palm Beach, Florida 33401
Phone: (561) 494-1093
Email: lle@wpb.org

PROJECT ROLE
Prime Consultant

Project Duration
January 2014 - April 2014

CRAVEN THOMPSON'S FEES
$48,750.00

ENGINEER'S ESTIMATED CONSTRUCTION COST
$3,146,148.00

Washington Road Basis of Design Review (Continued)

Wastewater Collection

The City of West Palm Beach owns the wastewater collection system within the Washington Road right-of-way. Within the right-of-way, a majority of the existing gravity sewer mains consist of deteriorating vitrified clay pipe at substandard slopes and therefore are recommended to be replaced.

Stormwater Management

The City of West Palm Beach owns and maintains the existing drainage system within Washington Road right-of-way. Recent historical rainfall events along with increasing tides have affected the level of service within Washington Road study area. In order to improve the roadway flooding within the project limits, it is recommended that a new drainage system be implemented along Washington Road. The proposed drainage system will consist of a new 36" outfall adjacent to Royal Palm Drive, curb inlets TIDEFLEX gate valve to prevent backflow, drainage pipes, storm manholes and a STORMCEPTOR structure for water quality. The proposed design will allow higher elevated sub-basins to discharge directly into the Lake Worth Lagoon and by-pass the proposed drainage system along Washington Road. The proposed by-pass will reduce the hydraulic impacts on the proposed drainage system during high tail water conditions by not allowing the hydraulic grade line of the upstream basins to overtop the existing inlets along Washington Road. In addition to the proposed drainage improvements along Washington Road, the reduction of sheet flow onto Washington Road is necessary and can be accomplished by adding additional drainage improvements along Vincent Road and South Olive Avenue. Other drainage improvements consist of adding a new sediment box to the existing 36" outfall located on Greenwood Drive and installing a new TIDEFLEX check valve directly at the outfall. In order to eliminate existing sand shoals located near the Monceaux Road and Greenwood Drive outfalls, dredging of the shoals is recommended.

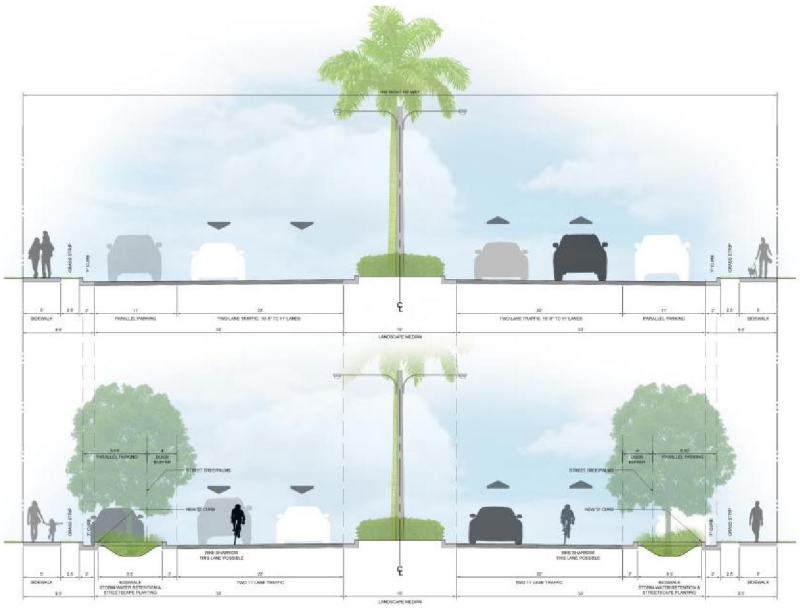
Roadway

The installation of sanitary sewer, water main and storm sewer will result in extensive excavations throughout the existing right-of-way including through the existing pavement. Re-grading of roadway is warranted to improve the longitudinal profile and upgrade surface water runoff characteristics. Due to the utility excavation and the need for profile changes in the roadway, reconstruction of the roadway will be warranted.

Sidewalks

Sidewalks exists on both sides of the right-of-way within the Washington Road study area. With the installation of new water and sanitary sewer services crossing the sidewalk at numerous locations along with the updated roadway profile changes, Craven Thompson recommends that the City remove and re-place all existing sidewalks within the right-of-way. Proposed sidewalks should be five-foot (5') in width, with pedestrian access ramps, meeting Americans with Disabilities Act (ADA) standards at all roadway intersections.

Three Island Safe Neighborhood District - Three Island Guardhouses and Traffic Calming Project Hallandale Beach, Florida



SCOPE

The project area is located within the Three Islands Neighborhood on Three Islands Boulevard to Atlantic Shores Boulevard. The project consists of traffic calming, accessible ramps and crosswalks, landscaping and lighting at guard houses, electronic speed feedback signs, bike lane markings, guard house painting and gate arm replacement. The improvements are based on the ADA Engineering Study "Three Islands Guardhouses and Traffic Calming Project Master Plan Report" dated May 10, 2016.

Craven Thompson performed surveying, landscape architecture and civil engineering services.

CLIENT
Mr. Steve Parkinson, P.E.
Public Works Director
City of Hallandale Beach
630 NE 2nd Street
Hallandale Beach, Florida 33009
Phone: (954) 457-3042
Email: sparkinson@hallandalebeachfl.gov

PROJECT ROLE
Prime Consultant

START / COMPLETION DATE
2017 - 2019

CRAVEN THOMPSON'S FEES
$82,365.00

CONSTRUCTION COST
$396,410.00

SW 41st Place Roadway & Infrastructure Improvements, Davie, Florida





SCOPE

Craven Thompson completed the SW 41st Place Infrastructure Improvements for the Town of Davie Community Redevelopment Agency in 2011.

This project included the demolition of existing utilities, installation of large diameter storm drain, water main, sanitary sewer and roadway/sidewalk as part of Phase I of the Eastside Master Drainage Study and Eastside water and sanitary sewer improvements. Craven Thompson & Associates, Inc. provided design and permitting services for roadway, water, sanitary and drainage as well as Resident Project Representative services including shop drawing review, meeting coordination, field observation, review and coordination of pay requests, change orders and Requests for Information. Services also included Project close-out, Substantial and Final Completion, review of Record Drawings and Certification of Permits to applicable agencies. The project included 1,675 linear feet of watermain construction and 1,272 linear feet of sanitary sewer collection system construction. The project was permitted through the FDEP (EPA), Broward County DERD - WW, Broward County - SWM, and SFWMD.

CLIENT
Mr. Giovanni Moss
Community Development Director
Town of Davie
6591 Orange Drive
Davie, Florida 33314
Email: gmoss@davie-fl.gov

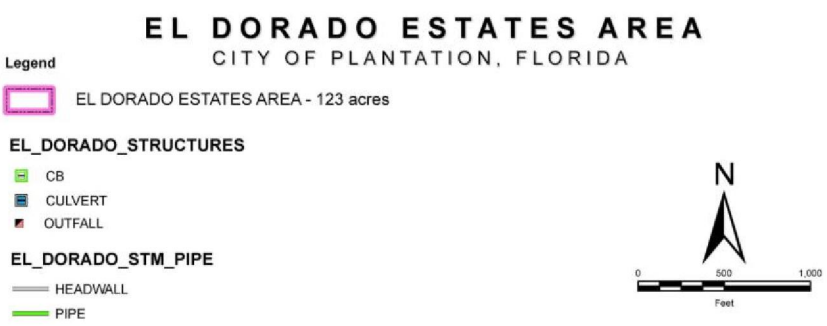
PROJECT ROLE
Prime Consultant

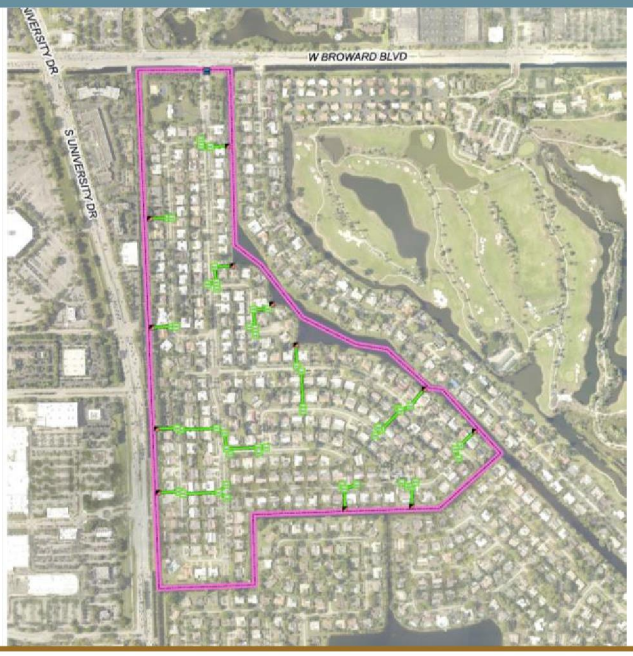
START / COMPLETION DATE
2008 - 2011

CRAVEN THOMPSON'S FEES
$135,388.00

CONSTRUCTION COST
Engineer's Estimate: $1,322,908.00
Initial Bid: $1,141,903.00
Final: $1,173,716.00 (includes 6 Change Orders for $31,813.90)

El Dorado Neighborhood Drainage Improvement Project, Plantation, Florida





SCOPE

Craven Thompson provided surveying, analysis, assessment for repair/replacement of existing storm water management systems, preparation of construction documents and permitting, bidding assistance, and construction services for the El Dorado Neighborhood. The neighborhood is 123 acres in size and is bounded by the Plantation Golf Estates Neighborhood to the northeast, W. Broward Blvd. to the north, S. University Drive to the west, and the Royal Palm Estates neighborhood to the south.

Improvements include: 3,072 linear feet of swale re-grading, 1,963 linear feet of storm pipe removal, the installation of 930 linear feet of 15" diameter storm sewer, 160 linear feet of 18" diameter storm sewer, 768 linear feet of 24" diameter storm sewer, 105 linear feet of 30" diameter storm sewer, and the installation of 48 – 30" diameter ADS drainage structures. Restoration of the disturbed right-of-way areas was also included.

OWNER

Mr. Brett Butler, P.E. C.F.M.
Director of Engineering
City of Plantation
401 NW 70th Terrace
Plantation, Florida 33317
Phone: (954) 797-2282
Fax: (954) 797-2761
Email: bbutler@plantation.org

PROJECT ROLE

Prime Consultant

START / COMPLETION DATE

2017 - 2020 (Estimated)

CRAVEN THOMPSON'S FEES

$140,360.00

NE/NW 6th Street (Sistrunk Blvd.) Streetscape and Enhancement Project
Fort Lauderdale, Florida





SCOPE

Craven Thompson and Associates represented the City of Fort Lauderdale as the Resident Project Representative for the Sistrunk Boulevard Streetscape and Enhancement Project. While the design of this project was managed by the City's Community Redevelopment Agency (CRA) the construction portion was administered by the City of Fort Lauderdale's Public Works Department. Primary funding for construction was provided by the Fort Lauderdale CRA. The project area encompassed 2.5 miles of Sistrunk Boulevard (NE / NW 6th Street) from Federal Highway to NW 24th Avenue and included streetscape and infrastructure improvements consisting of landscaped medians, paver sidewalks, decorative street lighting, traffic signal mast arm installations, undergrounding of overhead utilities, drainage improvements, new water mains and the relocation of various sanitary sewer lines. Construction cost was approximately 14 million dollars. Work included on-site resolution of construction conflicts and design changes, construction inspection services for quality control and project certification, coordination with FPL, AT&T and Comcast for utility conversions from overhead to underground, close coordination with existing businesses during construction, public relations to keep all parties informed of the ongoing improvements, maintenance of traffic coordination to ensure continuous access to all affected properties, monthly Pay Application reviews, Change Order reviews and various other construction management duties. This project was partially, federally funded through FDOT LAP funding.

CLIENT
Mr. Mark S. Friedman, AIA, NCARB
Project Manager II
Engineering / Architecture Division
City of Fort Lauderdale
Public Works Department
City Hall, Fourth Floor
100 N. Andrews Avenue
Fort Lauderdale, Florida 33301
Phone: (954) 828-5952
Email: mfriedman@fortlauderdale.gov

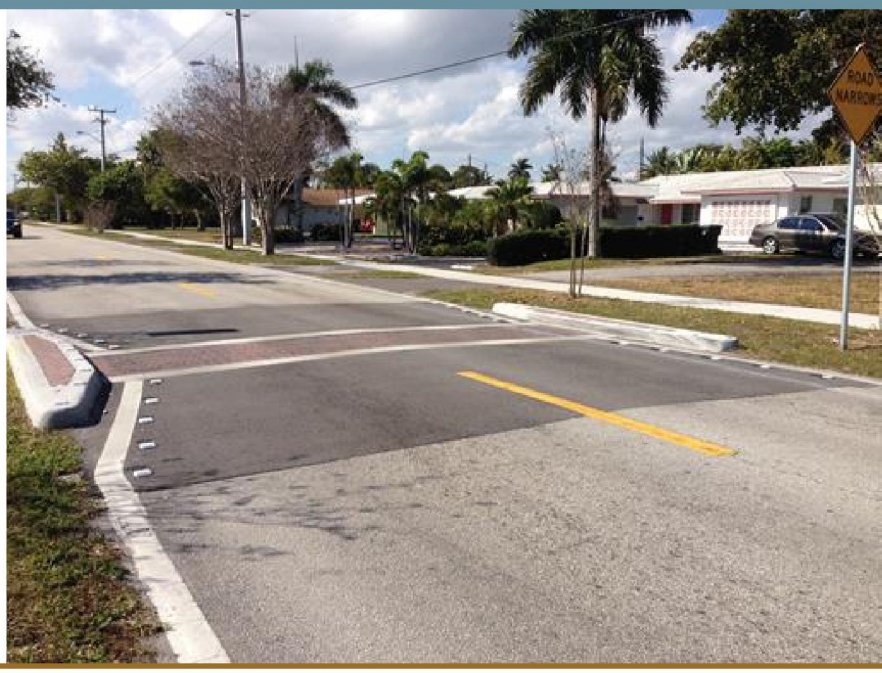
PROJECT ROLE
Prime Consultant

START / COMPLETION DATE
December 2010 / January 2013

CRAVEN THOMPSON'S FEES
$1,436,722.00 - Contract Amount
$1,385,797.18 - Billed Amount

CONSTRUCTION COSTS
$13,401,068.00 - Original Amount
$13,981,785.00 - Final Amount
(Total Change Orders - 9)

Floranada Road Traffic Calming & Roadway Improvements
Oakland Park, Florida



SCOPE

This project involved professional engineering services for the design and permitting of traffic calming and other roadway improvements.

The City of Oakland Park was seeking to implement traffic calming measures to enhance the safety of pedestrians and automobiles on Floranada Road between Dixie Highway and Federal Highway. Improvements surveyed, designed and permitted by Craven Thompson & Associates, Inc. included traffic roundabouts at the roadway intersections with NE 13th Avenue and NE 16th Avenue. Two traffic chokers were installed at NE 15th Avenue and at NE 15th Terrace.

CLIENT
Ms. Jennifer Frastai, ICMA-CM
Director of engineering &
Community Development
City of Oakland Park
5399 N. Dixie Highway, Suite 3
Oakland Park, Florida 33334
Phone: (954) 630-4477
Email: jenniferf@oaklandparkfl.gov

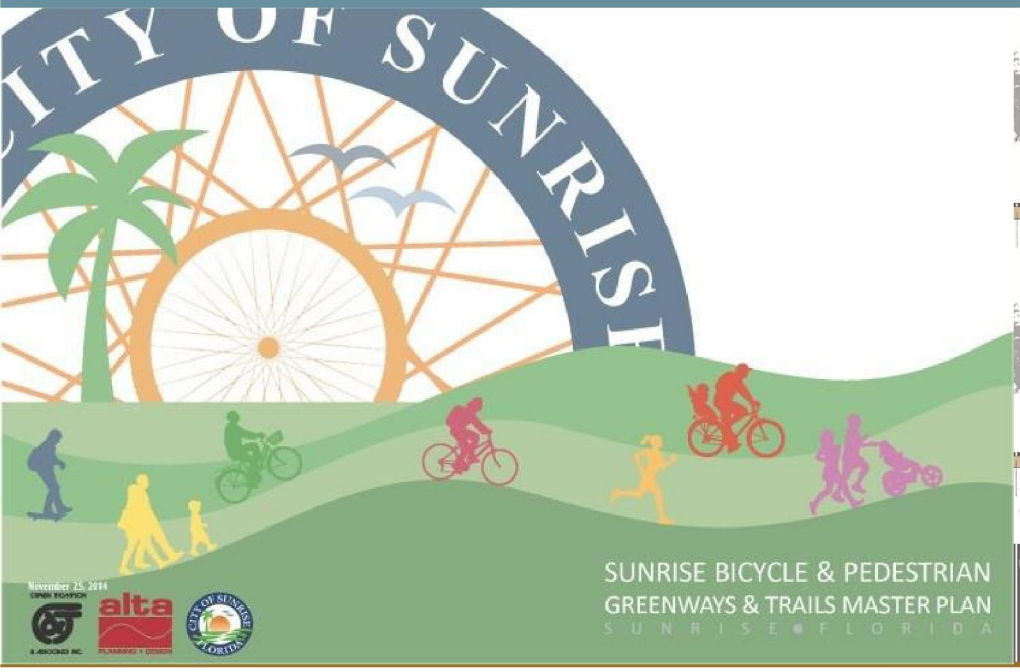
PROJECT ROLE
Prime Consultant

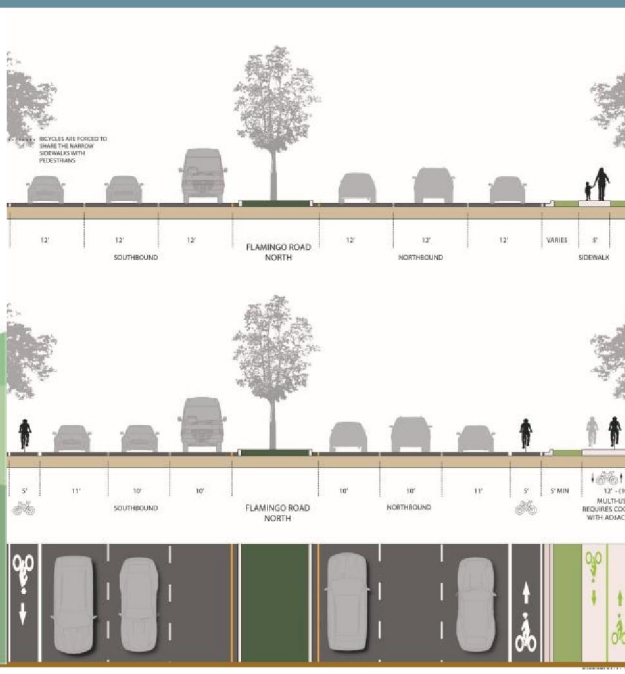
COMPLETION DATE
Design - 2012
Construction - 2015

CRAVEN THOMPSON'S FEES
$128,394.00

CONSTRUCTION COST
$576,273.75

Bicycle / Pedestrian Greenways & Trails Master Plan, Sunrise, Florida





SCOPE

Craven Thompson & Associates, Inc. along with Alta Planning + Design were hired by the City of Sunrise to prepare a Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city. The Plan is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government. The team created a series of templates that incorporated National trail and bike lane standards, signage, and new safety measures that could be used as the building blocks to implement a cohesive plan throughout the City.

CLIENT

Ms. Rosemarie Marco
Leisure Services Director
City of Sunrise
10610 W. Oakland Park Blvd.
Sunrise, Florida 33351
Phone: (954) 747-4600
Email: rmarco@sunrisefl.gov

PROJECT ROLE

Prime Consultant

DURATION OF PROJECT

8 Months

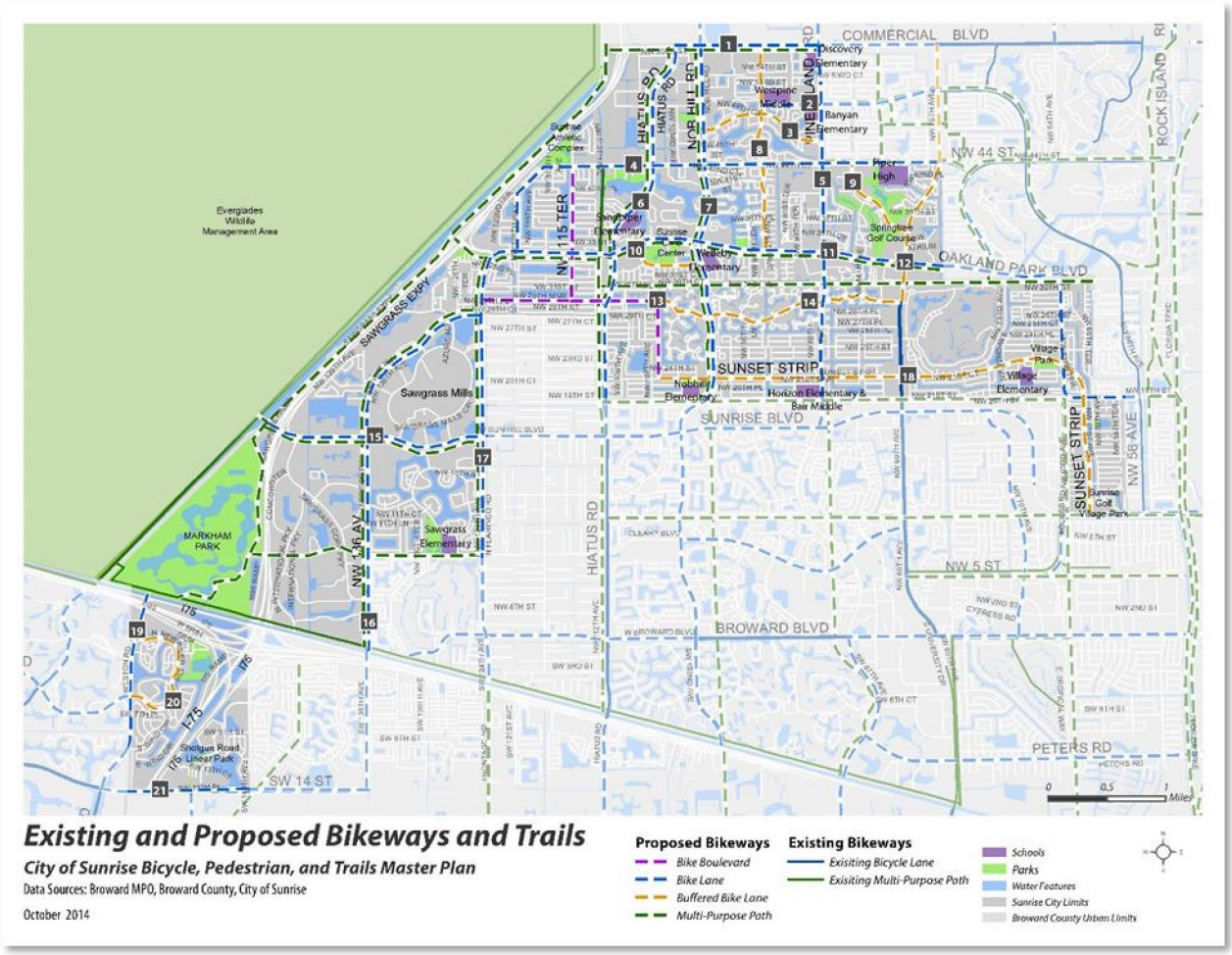
COMPLETION DATE

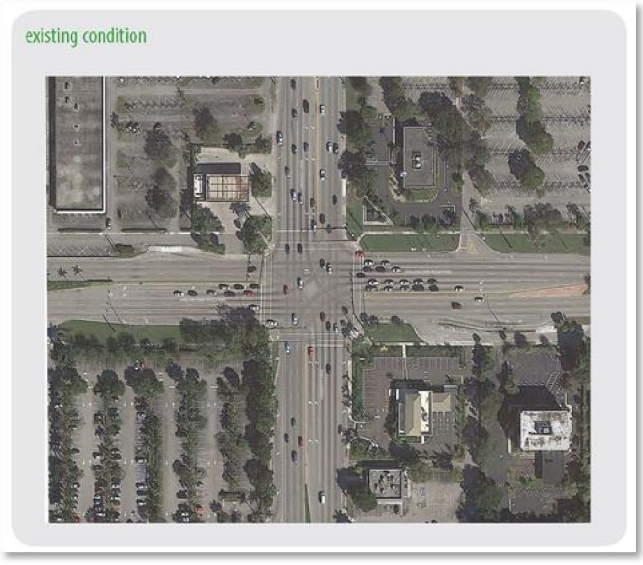
Master Plan Completed November 2015
Implementation in phases

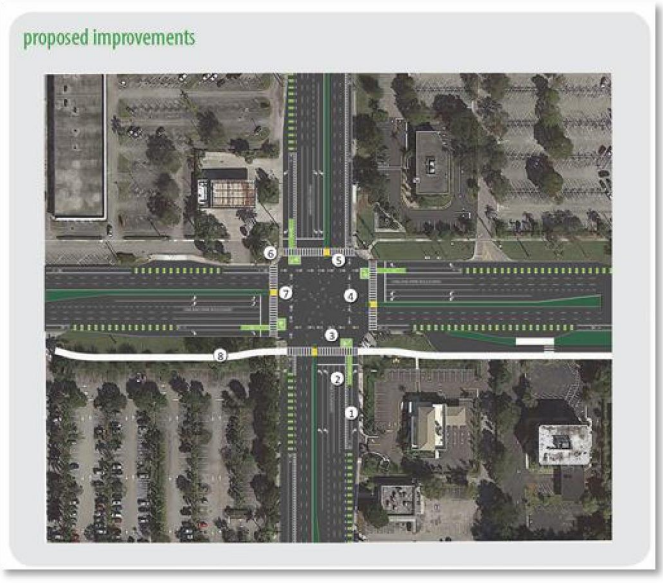
CRAVEN THOMPSON'S FEES

$99,200.00

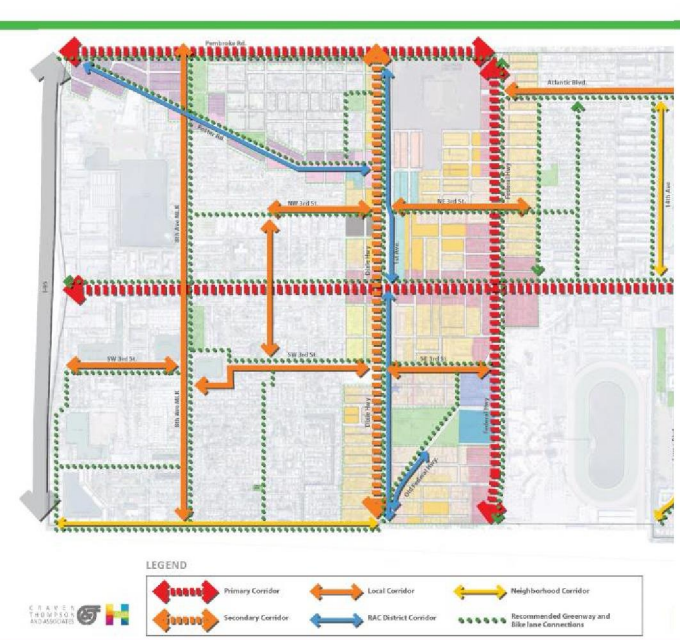
Bicycle / Pedestrian Greenways & Trails Master Plan, Sunrise, Florida

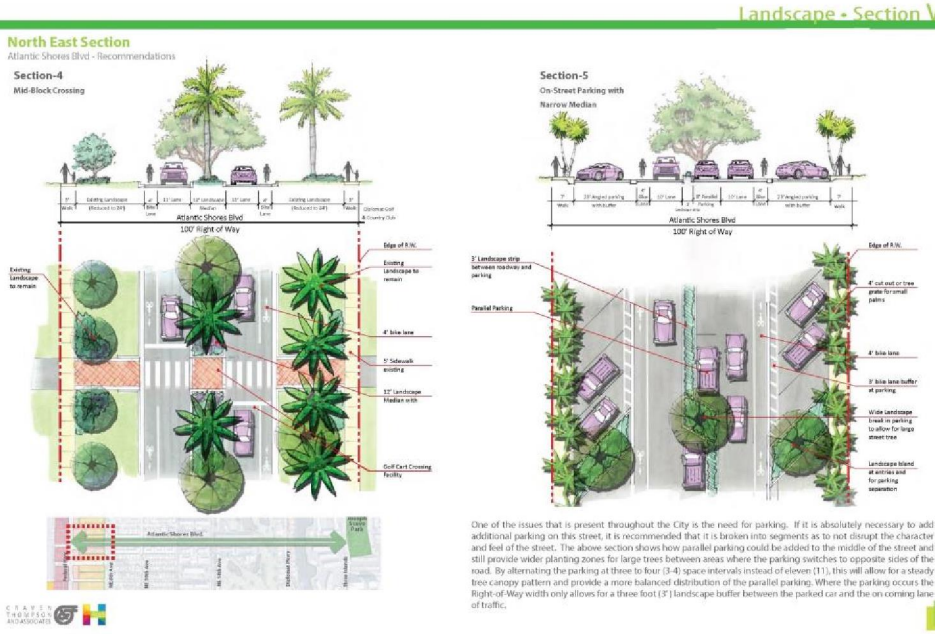






Hallandale Beach Citywide Master Plan - Landscape Architecture
Hallandale Beach, Florida





SCOPE

The City of Hallandale Beach hired Craven Thompson & Associates, Inc. (CTA) to produce a city-wide master plan that functions as a comprehensive document that assessed various infrastructure improvements, both underground and surface, and utilizes the outcome as a basis for preparing construction documents and acquiring funding. This includes City-Wide Master Planning for the 2,800 acres including sidewalk, landscaping, hardscape, median enhancement, complete streets, bike lanes, local roads, sidewalk, and lighting. CTA provided recommendations for future streetscape corridors, bike lane and greenway planning, and schematic landscape for the City. A full storm water master drainage plan was performed by CTA in conjunction with this project. CTA is developed a Capital Improvement Plan and schedule.

CLIENT

Ms. Mariana Pitiriciu, P.E., PMP
City Engineer
City of Hallandale Beach
630 NE 2nd Street
Hallandale Beach, Florida 33009
Phone: (954) 457-3042
Email: mpitiriciu@hallandalebeachfl.gov

PROJECT ROLE

Prime Consultant

START / COMPLETION DATE

February 2015 - 2016

CONSTRUCTION COST

$23,813,375.00

NW 10th Avenue Streetscape & Roadway Improvements LAP Project
Oakland Park, Florida


CITY OF OAKLAND PARK
ENGINEERING DEPARTMENT
PRODUCTION PHASE SUBMITTAL
NW 10TH AVENUE
FROM NW 38TH STREET TO PROSPECT ROAD
FPID NO.: 438285-1-58-01
CITY OF OAKLAND PARK
SARA GUEVREKIAN, MAYOR
MATTHEW SPARKS, VICE MAYOR
TIM LONERGAN, COMMISSIONER
MICHAEL CARN, COMMISSIONER
JOHN ADORNATO III, COMMISSIONER
GOVERNING STANDARD PLANS:
2016 FLORIDA GREENBOOK
END PROJECT
STA. 30+59.11
BEGIN PROJECT
STA. 2+22.55
LOCATION MAP
SECTION 21, TOWNSHIP 49 SOUTH, RANGE 42 EAST
SHEET INDEX
SHEET NO. | DESCRIPTION | REV
PREPARED FOR:
CITY OF OAKLAND PARK
CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
Sunshine811.com
JANUARY 14, 2019
CTA PROJECT NO.: 17-0059-001-01

SCOPE

The scope of work includes design of 2,900 linear feet of roadway, landscaping, irrigation, photo-metrics, coordination, drainage, LAP services, etc. for the NW 10th Avenue Roadway Project from Park Lane West (NW 33rd Street) to Prospect Road, including preparation of contract documents and permitting. The roadway design with all infrastructure adjustments were based on the Conceptual Design Plans prepared by CTA and approved by the City. Generally, improvements include the addition of bike lanes, curbing, six (6) feet wide sidewalk on the west side of the roadway, landscaping and irrigation system, swale and street lighting improvements.

CLIENT

Mr. Chris Lips, P.E.
Utilities Manager
City of Oakland Park
3801 NE 5th Avenue
Oakland Park, Florida 33334
Phone: (954) 630-4441
Email: chrisl@oaklandparkfl.gov

PROJECT ROLE

Prime Consultant

START / COMPLETION DATE

Design Start - 2018
Construction Start - 2019
Construction Completion - 2020

CRAVEN THOMPSON'S FEES

$178,442.00

CONSTRUCTION COST

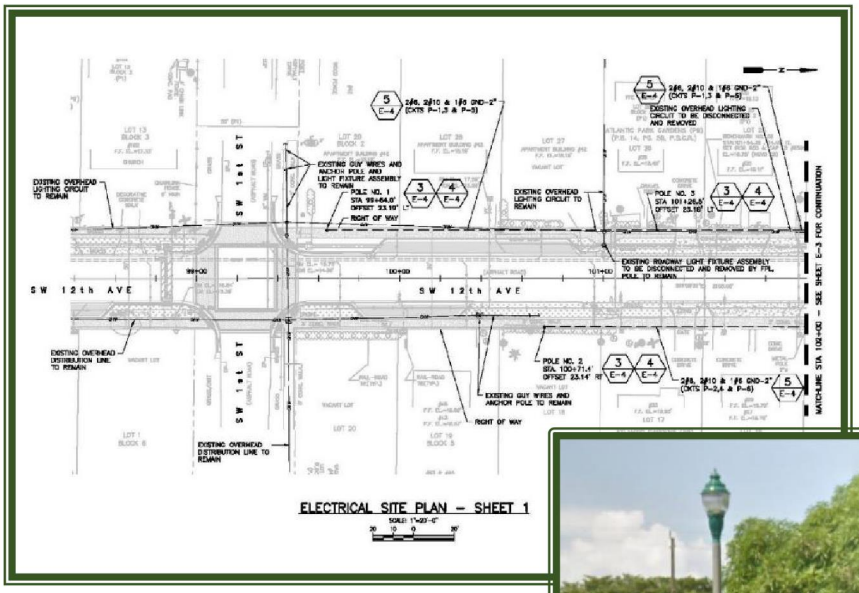
$947,775.00

Electrical Design Associates INC.

SIMILAR EXPERIENCE

SW 12th Avenue, Auburn Avenue, & SW 14th Avenue
Delray Beach, FL

The City of Delray Beach, in partnership with the Delray Beach Community Redevelopment Agency (CRA), Palm Beach County and the State of Florida, worked to complete roadway and infrastructure improvements that was a part of the Southwest Area Neighborhood Redevelopment Plan.





The project included design, resurfacing, curbing, sidewalks, on-street parking, drainage (including swales), water main upgrades, landscaping and irrigation, paver crosswalks, decorative street lights (SW 1st Street to West Atlantic Avenue), roadway signage and new bus shelters.

EDA provided the Photometric evaluation and roadway lighting design for the roadway lighting along SW 12th Avenue originating at Atlantic Avenue and extending south to SW 1st Street, an approximate length of 350 LF. The photometric evaluation and design were completed in accordance with the City ordinances, IES recommendations, and the NEC. EDA also performed general services during construction including shop drawing review, issue clarification, and site visits.

Reference: Mr. Timothy Tack, P.E.
City of Delray Beach
434 South Swinton Avenue
Delray Beach, FL 33444
Ph. 561-243-7315
tack@mydelraybeach.com

Drexel Road Street Lighting Project

Palm Beach County, FL

EDA verified existing conditions along Drexel Road originating at Belvedere Road extending north to Okeechobee Blvd, an approximate length of 5400 Linear Feet. The existing roadway is a two-lane roadway with an overhead distribution line along the west side of the roadway. The area consists primarily of residential properties, single family, multifamily and mobile homes, Wynnbrook Elementary School and a shopping center at the north end.

A photometric plan was then prepared, utilizing cut-off type luminaires in accordance with FDOT lighting criteria and standards to determine a suitable design that included criteria for:

- Mounting Height
- Fixture Placement
- Bracket Arm Length in conjunction with location of the poles
- Light Fixture equipment, wattage, cut-off features, IES curves, etc.
- Light Pole Spacing
- Lighting Criteria including Initial Illumination and Uniformity Ratios



EDA coordinated with FPL as to the feasibility of utilizing the existing poles and the use of the standard FPL equipment including but not limited to luminaire type, wattage and bracket size. We then prepared layout plans indicating location of lights on existing poles, location of additional poles needed, a Typical section, general notes and a pole data table indicating pole number, fixture wattage and type, pole station, pole setback, bracket size, mounting height and lighting criteria.

Reference: Mr. William Wynn
Palm Beach County
2300 North Jog Rd., Suite 2E-50
West Palm Beach, Florida 33411-2741
Ph. 561-233-5311
WWynn@pbcgov.org

Rutland Boulevard Lighting Improvements
West Palm Beach, FL

Electrical Design Associates, Inc. (EDA) provided photometric evaluation and electrical design for the roadway lighting along Rutland Blvd originating at Olive Avenue and extending east, an approximate length of 1600 LF. The photometric evaluation was completed based on the City standard Lumec type fixture model S55-40W-LED. The photometric calculations were completed based on this information and in accordance with the City ordinances, IES recommendations and the NEC. The design was completed in accordance with the City ordinances, IES recommendations and the NEC. EDA also performed general services during construction including shop drawing review, issue clarification, and site visits.



Reference: Ms. Tracy Ward
City of West Palm Beach
401 Clematis Street, 4th Floor
West Palm Beach, FL 33401
Ph. 561-494-1040
tward@wpb.org

STATE OF FLORIDA PROFESSIONAL LICENSES / CORPORATE CHARTERS

CRAVEN THOMPSON & ASSOCIATES, INC.



RICK SCOTT, GOVERNOR — JONATHAN ZACHEM, SECRETARY — Florida dbpr

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

CRAVEN, THOMPSON & ASSOCIATES, INC.
3563 N.W. 53RD STREET
FT. LAUDERDALE FL 33309

LICENSE NUMBER: CA271
EXPIRATION DATE: FEBRUARY 28, 2021
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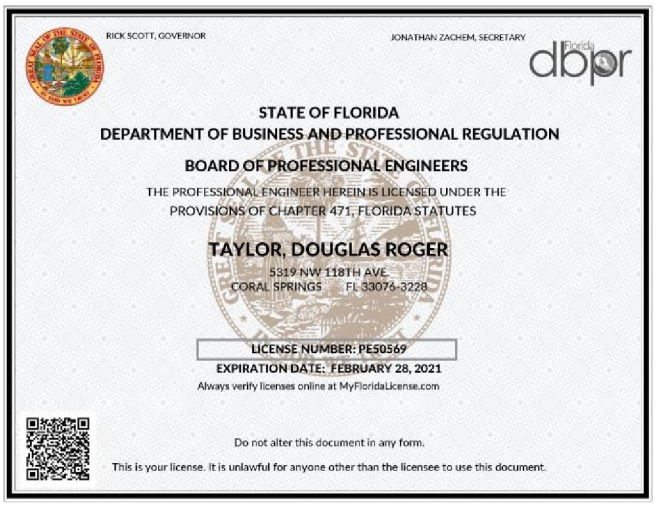
RICK SCOTT, GOVERNOR — JONATHAN ZACHEM, SECRETARY — Florida dbpr

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

GIBNEY, PATRICK J
525 NE 34TH STREET
BOCA RATON FL 334310000

LICENSE NUMBER: PE49428
EXPIRATION DATE: FEBRUARY 28, 2021
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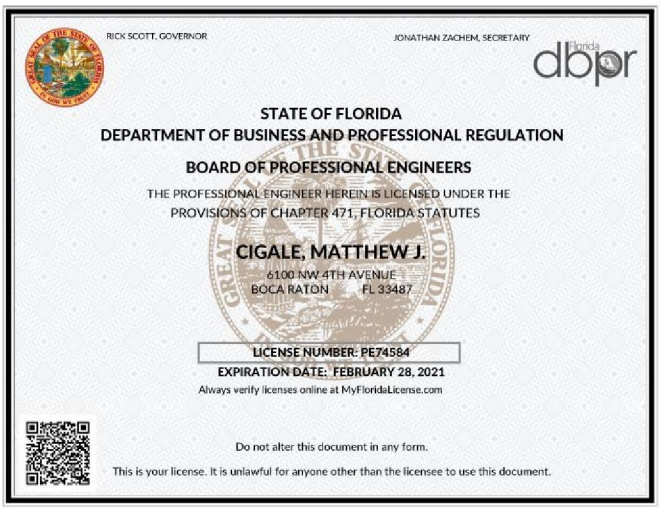
RICK SCOTT, GOVERNOR — JONATHAN ZACHEM, SECRETARY — Florida dbpr

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

TAYLOR, DOUGLAS ROGER
5319 NW 118TH AVE
CORAL SPRINGS FL 33076-3228

LICENSE NUMBER: PE50569
EXPIRATION DATE: FEBRUARY 28, 2021
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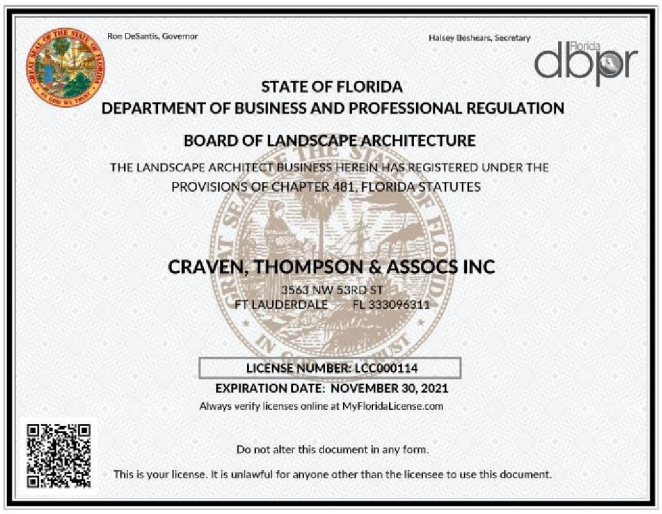
RICK SCOTT, GOVERNOR — JONATHAN ZACHEM, SECRETARY — Florida dbpr

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

CIGALE, MATTHEW J.
6100 NW 4TH AVENUE
BOCA RATON FL 33487

LICENSE NUMBER: PE74584
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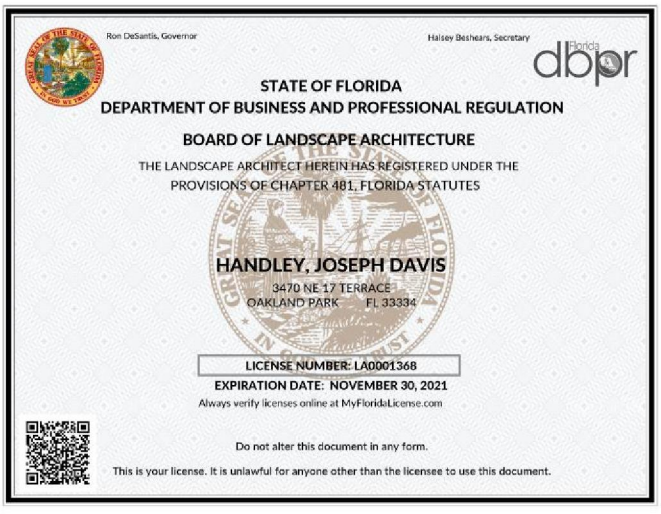
Ron DeSantis, Governor — Halsey Beshears, Secretary — Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE
THE LANDSCAPE ARCHITECT BUSINESS HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

CRAVEN, THOMPSON & ASSOCS INC
3563 NW 53RD ST
FT LAUDERDALE FL 333096311

LICENSE NUMBER: LCC000114
EXPIRATION DATE: NOVEMBER 30, 2021
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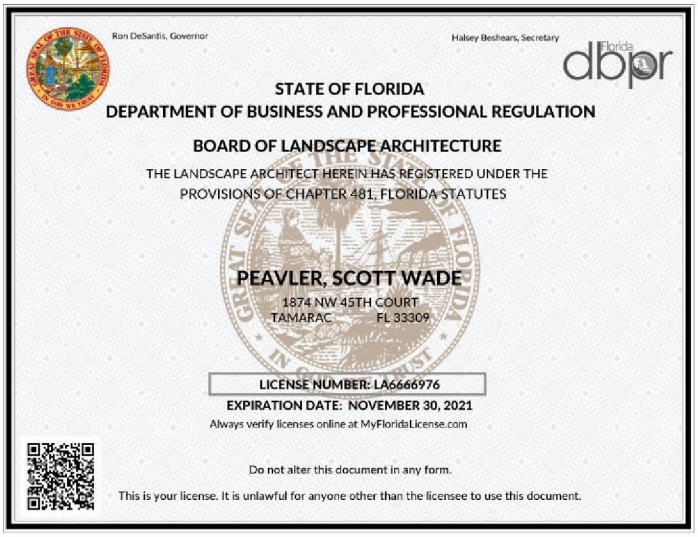
Ron DeSantis, Governor — Halsey Beshears, Secretary — Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE
THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

HANDLEY, JOSEPH DAVIS
3470 NE 17 TERRACE
OAKLAND PARK FL 33334

LICENSE NUMBER: LA0001368
EXPIRATION DATE: NOVEMBER 30, 2021
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Ron DeSantis, Governor

Halsey Beshears, Secretary

dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

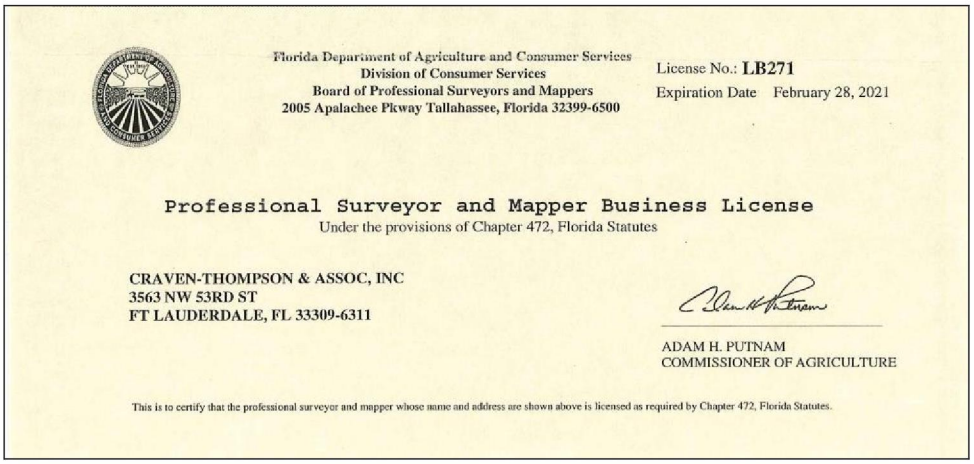
THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

PEAVLER, SCOTT WADE
1874 NW 45TH COURT
TAMARAC FL 33309

LICENSE NUMBER: LA6666976
EXPIRATION DATE: NOVEMBER 30, 2021
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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

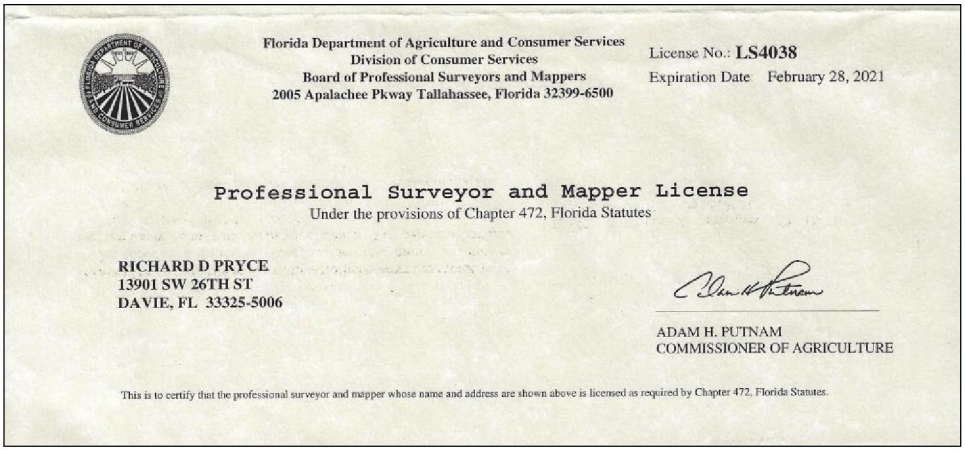
License No.: **LB271**
Expiration Date February 28, 2021

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

CRAVEN-THOMPSON & ASSOC, INC
3563 NW 53RD ST
FT LAUDERDALE, FL 33309-6311

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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

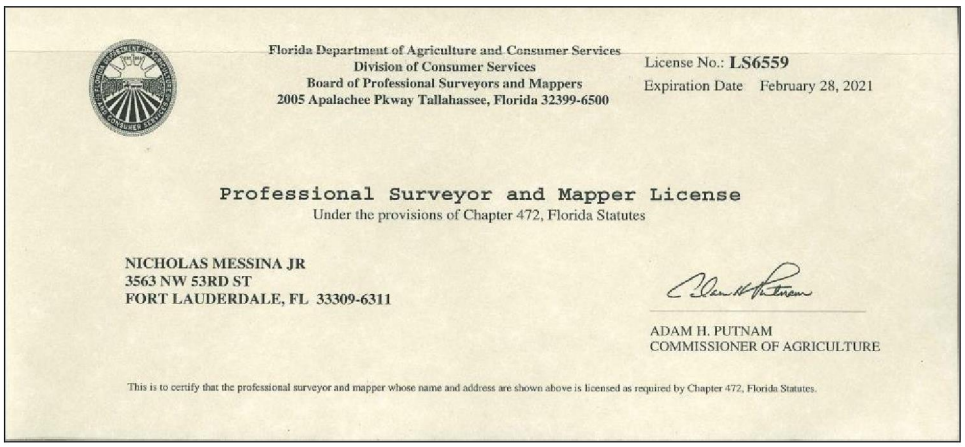
License No.: **LS4038**
Expiration Date February 28, 2021

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

RICHARD D PRYCE
13901 SW 26TH ST
DAVIE, FL 33325-5006

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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

License No.: LS6559
Expiration Date February 28, 2021

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

NICHOLAS MESSINA JR
3563 NW 53RD ST
FORT LAUDERDALE, FL 33309-6311

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



State of Florida
Department of State

I certify from the records of this office that CRAVEN, THOMPSON & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on January 1, 1962.

The document number of this corporation is 254407.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 13, 2020, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Thirteenth day of January, 2020

Secretary of State

Tracking Number: 6837198390CC

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

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

ELECTRICAL DESIGN ASSOCIATES, INC.



Ron DeSantis, Governor — Halsey Beshears, Secretary — Florida dbpr

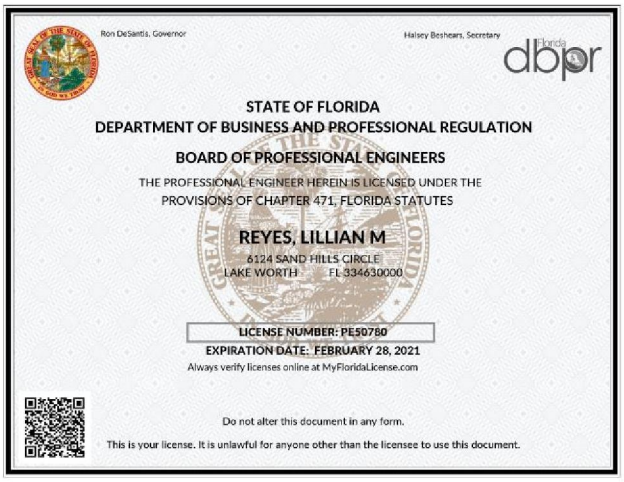
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ELECTRICAL DESIGN ASSOCIATES, INC.
8401 LAKE WORTH ROAD
SUITE 221
LAKE WORTH FL 33467

LICENSE NUMBER: CA8079
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor — Halsey Beshears, Secretary — Florida dbpr

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

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

REYES, LILLIAN M
6124 SAND HILLS CIRCLE
LAKE WORTH FL 334630000

LICENSE NUMBER: PE50780
EXPIRATION DATE: FEBRUARY 28, 2021
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State of Florida
Department of State

I certify from the records of this office that ELECTRICAL DESIGN ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on October 8, 1998.

The document number of this corporation is P98000086834.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 16, 2020, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixteenth day of January, 2020

Secretary of State

Tracking Number: 5711548743CC

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ABSOLUTE CIVIL ENGINEERING SOLUTIONS, LLC



Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

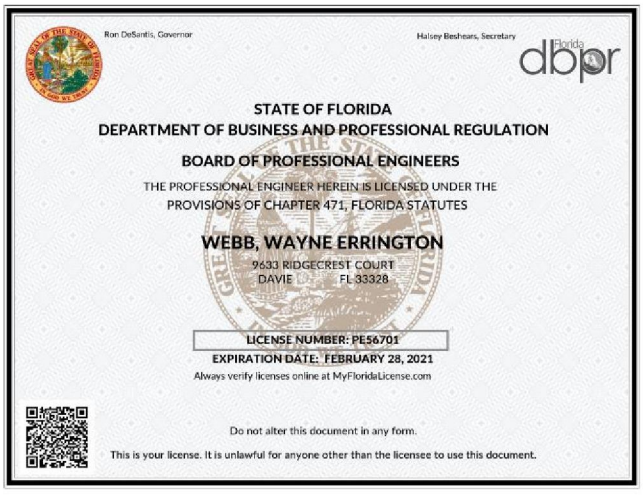
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ABSOLUTE CIVIL ENGINEERING SOLUTIONS, LLC
4121 SW 47TH AVENUE
SUITE 1319
DAVIE FL 33314

LICENSE NUMBER: CA29571
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

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

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

WEBB, WAYNE ERRINGTON
9633 RIDGECREST COURT
DAVIE FL 33328

LICENSE NUMBER: PE56701
EXPIRATION DATE: FEBRUARY 28, 2021
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State of Florida

Woman Business Certification

Absolute Civil Engineering Solutions LLC

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

01/10/2019 to 01/10/2021

Donna Williams

Donna Williams, Executive Director
Office of Supplier Diversity

office of supplier DIVERSITY

Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.dms.myflorida.com/osd



BROWARD COUNTY FLORIDA

Office of Economic and Small Business Development

Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

This Certificate is Awarded to:

ABSOLUTE CIVIL ENGINEERING SOLUTIONS, INC.

As set forth in the Broward County Business Opportunity Act of 2012, the certification requirements have been met for:

County Business Enterprise

Anniversary Date: June 23rd

Authorized Representative

The Office of Economic and Small Business Development must be notified within 30 days of any material changes in the business which may affect ownership and control. Failure to do so may result in the revocation of this certificate and/or imposition of other sanctions.

A Service of the Broward County Board of County Commissioners
www.broward.org/smallbusiness



State of Florida
Department of State

I certify from the records of this office that ABSOLUTE CIVIL ENGINEERING SOLUTIONS, LLC is a limited liability company organized under the laws of the State of Florida, filed on May 6, 2011, effective May 1, 2011.

The document number of this limited liability company is L11000054398.

I further certify that said limited liability company has paid all fees due this office through December 31, 2020, that its most recent annual report was filed on January 8, 2020, and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Eighth day of January, 2020

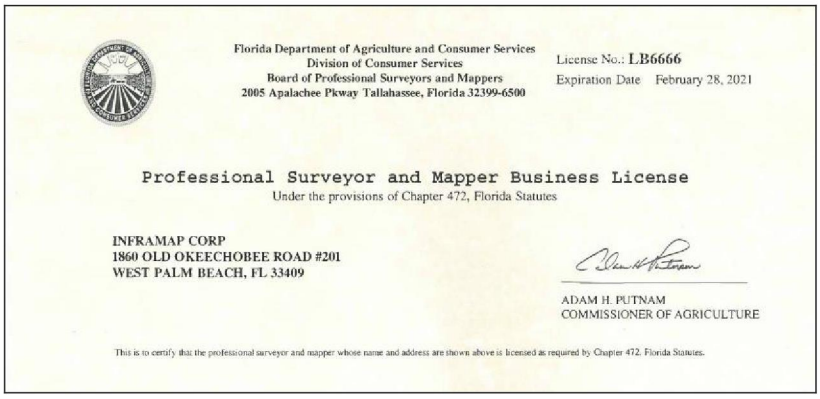
Secretary of State

Tracking Number: 1428767347CC

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INFRAMAP CORP



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

License No.: LB6666
Expiration Date February 28, 2021

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

INFRAMAP CORP
1860 OLD OKEECHOBEE ROAD #201
WEST PALM BEACH, FL 33409

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



State of Florida
Department of State

I certify from the records of this office that INFRAMAP CORP. is a Delaware corporation authorized to transact business in the State of Florida, qualified on October 6, 1994.

The document number of this corporation is F94000005189.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 7, 2020, 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 Seventh day of January, 2020

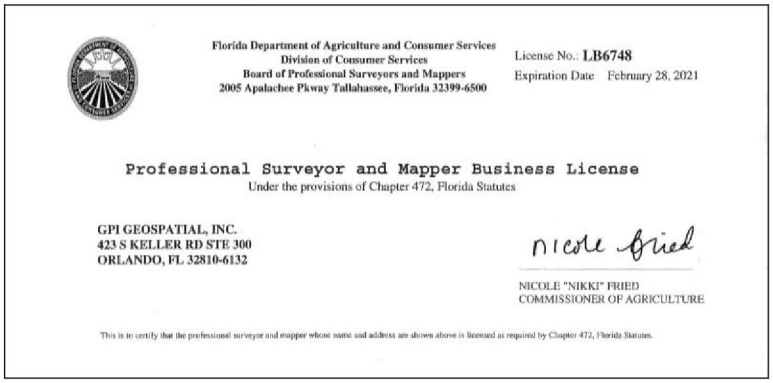
Secretary of State

Tracking Number: 0826213796CC

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

GPI GEOSPATIAL, INC.



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

License No.: LB6748
Expiration Date February 28, 2021

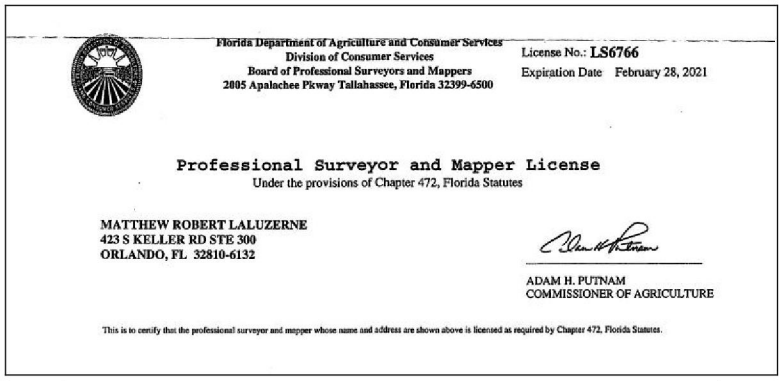
Professional Surveyor and Mapper Business License
Under the provisions of Chapter 472, Florida Statutes

GPI GEOSPATIAL, INC.
423 S KELLER RD STE 300
ORLANDO, FL 32810-6132

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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

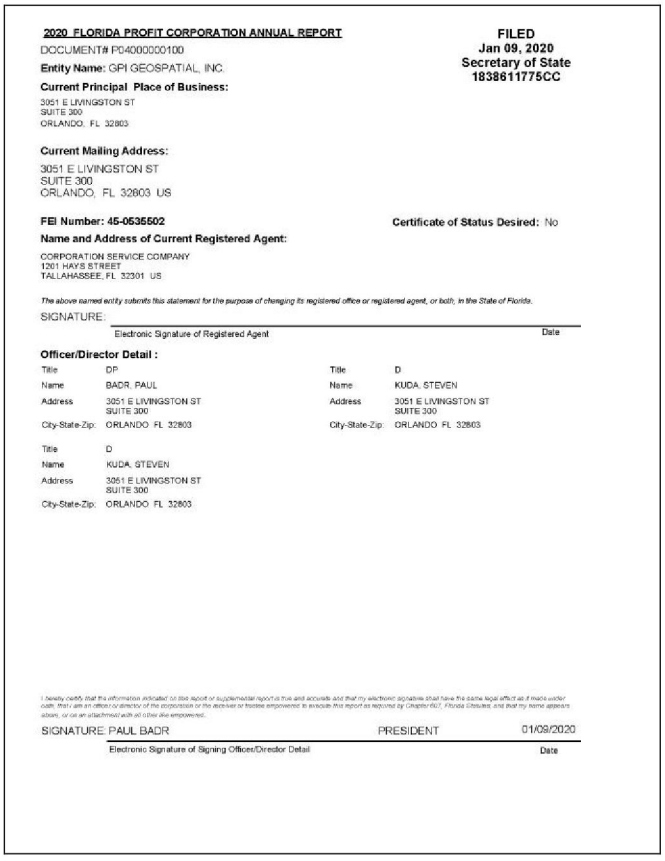
License No.: LS6766
Expiration Date February 28, 2021

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

MATTHEW ROBERT LALUZERNE
423 S KELLER RD STE 300
ORLANDO, FL 32810-6132

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



2020 FLORIDA PROFIT CORPORATION ANNUAL REPORT

DOCUMENT# P04000000100

Entity Name: GPI GEOSPATIAL, INC.

Current Principal Place of Business:
3051 E LIVINGSTON ST
SUITE 300
ORLANDO, FL 32803

Current Mailing Address:
3051 E LIVINGSTON ST
SUITE 300
ORLANDO, FL 32803 US

FEI Number: 45-0535502

FILED
Jan 09, 2020
Secretary of State
1838611775CC

Certificate of Status Desired: No

Name and Address of Current Registered Agent:
CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301 US

The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.

SIGNATURE:
Electronic Signature of Registered Agent — Date

Officer/Director Detail :

Title	DP	Title	D
Name	BADR, PAUL	Name	KUDA, STEVEN
Address	3051 E LIVINGSTON ST SUITE 300	Address	3051 E LIVINGSTON ST SUITE 300
City-State-Zip:	ORLANDO FL 32803	City-State-Zip:	ORLANDO FL 32803

Title D
Name KUDA, STEVEN
Address 3051 E LIVINGSTON ST SUITE 300
City-State-Zip: ORLANDO FL 32803

I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: PAUL BADR PRESIDENT 01/09/2020
Electronic Signature of Signing Officer/Director Detail — Date

DICKEY CONSULTING



State of Florida

Woman & Minority Business Certification

Dickey Consulting Services, Inc.

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

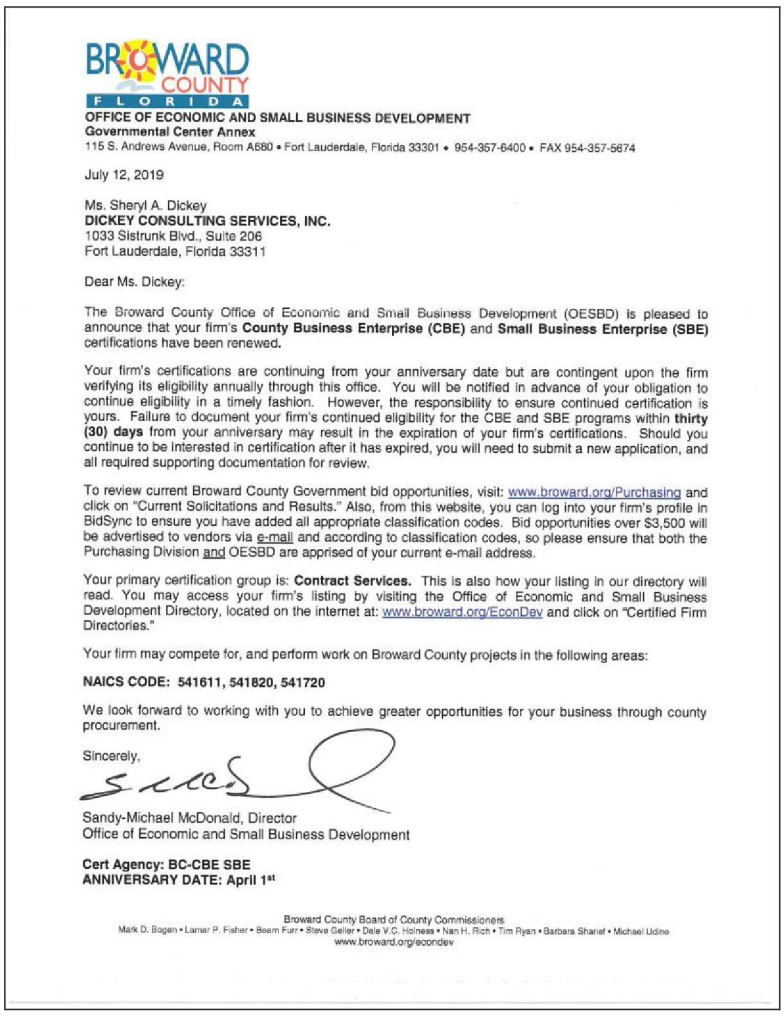
10/13/2017 to 10/13/2019

Erin Rock, Secretary
Florida Department of Management Services

office of supplier DIVERSITY

Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.dms.myflorida.com/osd

(in the process of renewal)



BROWARD COUNTY FLORIDA

OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674

July 12, 2019

Ms. Sheryl A. Dickey
DICKEY CONSULTING SERVICES, INC.
1033 Sistrunk Blvd., Suite 206
Fort Lauderdale, Florida 33311

Dear Ms. Dickey:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to announce that your firm's **County Business Enterprise (CBE)** and **Small Business Enterprise (SBE)** certifications have been renewed.

Your firm's certifications are continuing from your anniversary date but are contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to ensure continued certification is yours. Failure to document your firm's continued eligibility for the CBE and SBE programs within **thirty (30) days** from your anniversary may result in the expiration of your firm's certifications. Should you continue to be interested in certification after it has expired, you will need to submit a new application, and all required supporting documentation for review.

To review current Broward County Government bid opportunities, visit: www.broward.org/Purchasing and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over $3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Contract Services.** This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: www.broward.org/EconDev and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

NAICS CODE: 541611, 541820, 541720

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

Cert Agency: BC-CBE SBE
ANNIVERSARY DATE: April 1st

Broward County Board of County Commissioners
Mark D. Bogen • Lamar P. Fisher • Beam Furr • Steve Geller • Dale V.C. Holness • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine
www.broward.org/econdev

2019 FLORIDA PROFIT CORPORATION ANNUAL REPORT

FILED
Apr 29, 2019
Secretary of State
1729561375CC

DOCUMENT# P00000008789

Entity Name: DICKEY CONSULTING SERVICES, INC.

Current Principal Place of Business:

1033 NW 6TH STREET
SUITE 206
FORT LAUDERDALE, FL 33311

Current Mailing Address:

P.O. BOX 892
FORT LAUDERDALE, FL 33302

FEI Number: 65-1115420

Certificate of Status Desired: No

Name and Address of Current Registered Agent:

DICKEY, SHERYL A
3299-5 NW 44TH STREET
FORT LAUDERDALE, FL 33309 US

The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.

SIGNATURE: SHERYL A. DICKEY 04/29/2019
Electronic Signature of Registered Agent — Date

Officer/Director Detail :

Title	P	Title	D
Name	DICKEY, SHERYL A	Name	DICKEY, IRENE
Address	3299-5 NW 44TH STREET	Address	1316 KINNEY ST
City-State-Zip:	FORT LAUDERDALE FL 33309	City-State-Zip:	PORTSMOUTH OH 45662

Title	D
Name	VICKERS, LILLY M
Address	5301 NW 67 AVENUE
City-State-Zip:	LAUDERHILL FL 33319

I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: SHERYL A. DICKEY PRESIDENT/CEO 04/29/2019
Electronic Signature of Signing Officer/Director Detail — Date

RESPONSIBLE INDIVIDUAL

PATRICK J. GIBNEY, P.E., Proposed Project Manager

Mr. Gibney has over thirty-two years of experience providing project management, design and construction management services for public civil engineering projects. Mr. Gibney has managed and designed numerous roadway/drainage projects, civil engineering, water and wastewater and CEI projects.

Mr. Gibney received his Bachelor of Science in Civil Engineering in 1987 at Rutgers, the State University. He received his professional Engineering license in 1995.

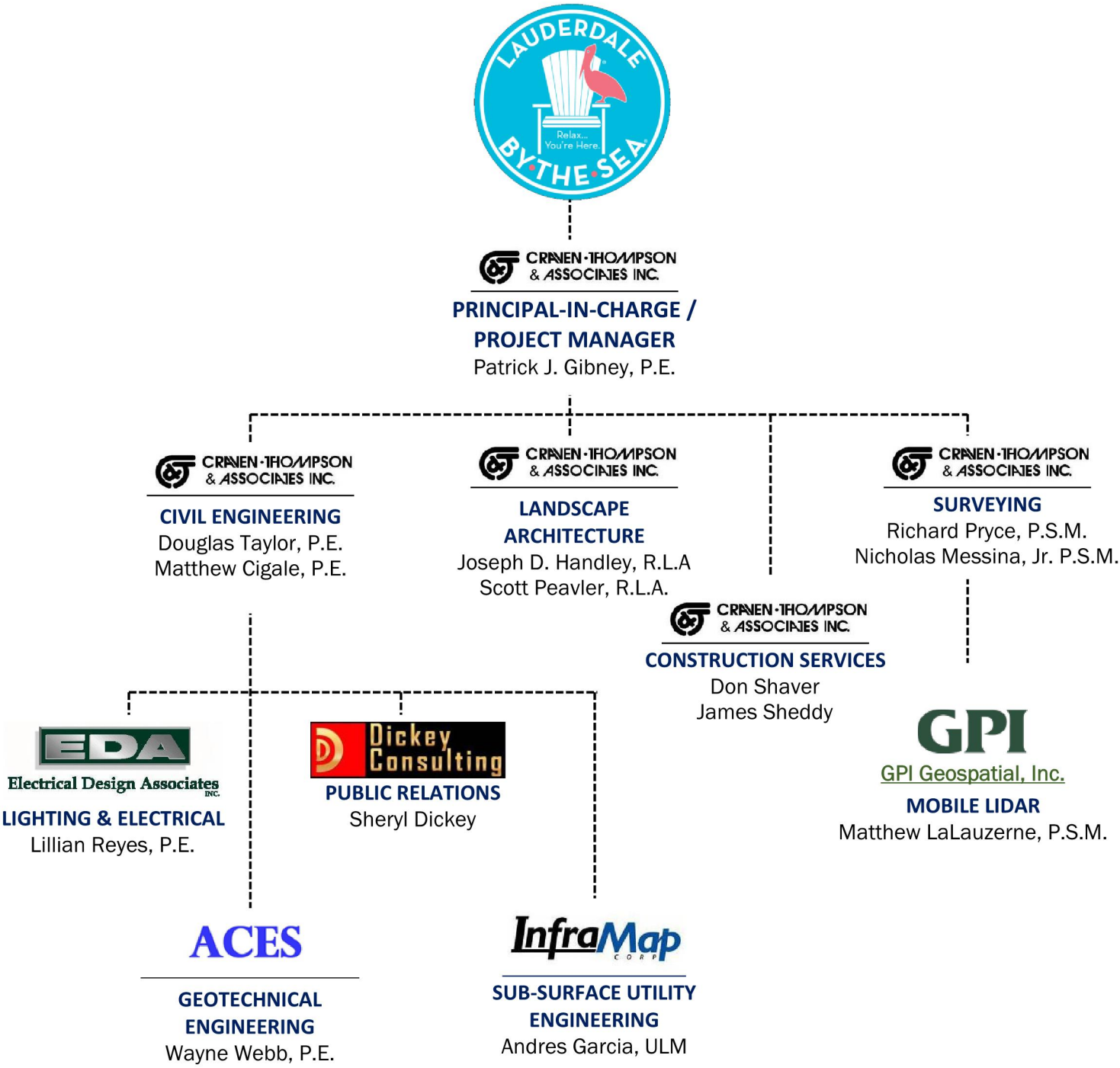


Over his thirty-two years of experience services performed by Mr. Gibney include infrastructure improvements for a multitude of projects for governmental agencies, which includes pavement design, design of water distribution systems, sanitary sewer collection & transmission systems, storm water management systems, drainage systems, preparation of contract documents and specifications and the management of CEI services. Mr. Gibney has managed thousands of acres of infrastructure improvement projects that have involved storm water studies and storm sewer/drainage system design and permitting. He has also modeled, designed and permitted stormwater / drainage, water distribution and wastewater collection / transmission systems. He has designed hundreds of miles of local and collector road improvements.

Some projects in which Mr. Gibney has been involved include:

- Pine Island Road
- Davie Road Phase I
- Floranada Road Traffic Calming, Oakland Park
- NE 14th Avenue Streetscape, Hallandale Beach
- Miramar Historic Area Complete Streets – Phase II
- Miramar Boulevard, Miramar
- NW 10th Avenue Streetscape & Roadway Improvement LAP Project
- NE 5th Avenue Reconstruction (from Oakland Park Blvd. to NE 38th Street), Oakland Park
- NW 21st Avenue, Broward County
- NE 34th Court Complete Streets Project, Oakland Park
- NE 38th Street Complete Streets Project, Oakland Park
- SW 41st Place, Davie

ORGANIZATIONAL CHART





PATRICK GIBNEY, P.E.
PROJECT MANAGER/CIVIL ENGINEER

Mr. Gibney has over thirty-two years of experience providing project management, design and construction management services for public civil engineering projects. These projects include infrastructure improvements for a multitude of infrastructure rehabilitation projects. This includes design and CEI services for water distribution systems, sanitary sewer collection & transmission systems, pavement design, storm water management systems, drainage systems, preparation of contract documents and specifications and construction inspections.

Relevant Experience:

NE 34th Court Complete Streets Project | Oakland Park, Florida | Project Manager The streetscape and engineering services include full roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction. Craven Thompson and Associates assisted the City of Oakland Park with the funding procurement.

NE 38th Street Complete Streets Project | Oakland Park, Florida | Project Manager - The consulting services included landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main Project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction.

Miramar Historical Area Complete Streets Project - Phase II | Miramar, Florida Project Director - Craven Thompson was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

CRAVEN-THOMPSON & ASSOCIATES INC.

Firm:
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education
Rutgers, The State University, Bachelor of Science in Civil Engineering (1987)

Years of Experience
Total: 32; With Firm: 26

Licenses/Certifications
State of Florida
Professional Civil Engineer
Florida No. 49428 (1995)

FDOT Pre-Qualified
Roadway Construction
Engineering Inspection

Patrick J. Gibney, P.E. (continued)

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida | Project Manager
This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground. The Project began in May 2010 and was completed in June 2011. Patrick was the Lead Engineer responsible for in-house inspections of the roadway, sidewalks, drainage and water systems as well as coordinating the electrical inspections of a sub-consultant.

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida | Project Director
The project area is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides.

Floranada Road Traffic Calming Improvements | Oakland Park, Florida | Project Manager
This project involved landscape architecture, professional engineering services for the design and permitting of traffic calming and other roadway improvements. The City of Oakland Park was seeking to implement traffic calming measures to enhance the safety of pedestrians and automobiles on Floranada Road between Dixie Highway and Federal Highway. Improvements surveyed, designed and permitted by Craven Thompson included traffic roundabouts at the roadway's intersections with NE 13th Avenue and NE 16th Avenue. Two traffic chokers were installed at NE 15th Avenue and at NE 15th Terrace.

NW 21st Avenue Broward County Right of Way | Broward County, Florida | Project Manager
This 1.2-mile roadway project consisted of widening the existing three (3) lane roadway (north-south and bi-directional turn lane) to a five (5) lane roadway (2 north-south travel lanes and a bi-directional turn lane). The project included a 72" Diameter regional storm drain system that will provide flood protection to approximately 500 acres of existing developments. The 72" storm drain was jacked under the CSX Railroad Tracks and a new outfall was constructed in the C-13 Canal. The work included approximately 5,000 linear feet of water main and force main installation, curb and gutter, landscaping and irrigation, lighting and signalization. Patrick served as project manager for the project responsible for the inspections of multiple disciplines provided by sub-consultants and in-house inspectors.

Sidewalk, Swale, Drainage & Roadway Improvements CDBG 41 | Hallandale Beach, Florida
The project included ADA connections, details and cross-sections for the Project Area. The sidewalk was installed to complete the existing neighborhood sidewalk network. Swales were constructed adjacent to the new sidewalks and exfiltration trench was installed to eliminate nuisance flooding. Upgraded ADA pedestrian ramps and driveways, sidewalks, re-graded swales and coordination with drainage agencies.

Davie Road Phase 1 CEI Services | Town of Davie, Florida | Project Director - This project was for the construction engineering inspection services to re-construct a public roadway known as Davie Road Phase 1 within public right-of-way owned by Broward County extending from the State Road 84 Right-of-Way to Nova Drive. The length of the reconstruction was approximately 2,640 linear feet. The primary intent was for Craven Thompson to provide construction engineering inspection services for the re-construction of the roadway. The work consisted of pavement, base and sub-grade reconstruction, curb & gutter, bike lane, sidewalk and median construction, driveway reconstruction within the Right-of-Way, drainage system construction, landscaping & irrigation construction, pavement marking & signage, and traffic signal modification.

Patrick J. Gibney, P.E. (continued)

NE 183rd Street Median Drainage Improvements | Aventura Florida | Project Manager - Craven Thompson provided surveying, civil engineering, and CEI services for NE 183rd Street Median Drainage Improvements east of NE 27th Avenue. Mr. Gibney directed the preparation of design plans to rectify localized flooding by repaving a segment of the existing roadway. Prepared bid documents and assisted with RFI responses during construction.

NE 29th Place Construction | Aventura Florida | Project Manager - The project included surveying, design, permitting, and construction services for the milling and resurfacing of existing roadway, installation of curb and gutter, pavement marking, signage, and traffic signal loops drainage installation, cleaning and videoing of drainage system, sidewalk construction, tree removal and installation, and light pole modifications on NE 29th Place (North) from Aventura Boulevard to NE 203rd Street. This includes permitting through the City of Aventura Public Works Permit for work in the public right-of-way, and a Miami-Dade County DERM Drainage Permit.

NE 29th Place and NE 203rd Street Sidewalk | Aventura Florida | Project Manager - Craven Thompson provided professional surveying, engineering, CEI and subsurface utility engineering services specific to the preparation of improvements to NE 29th Place North along NE 203rd Street from NE 29th Place to NE 29th Court. The improvements consisted of the addition of a sidewalk from the existing bus stop on NE 29th Place (on the west side of the roadway) to the northeast corner of NE 29th Court at NE 203rd Street, including a marked crosswalk across NE 29th Court. The intersection is currently signalized. The existing signal is maintained by Miami-Dade County and is part of the signal at NE 29th Place. This scope of services assumed that the installation of a new signalized crosswalk, in concept, is acceptable to all review agencies and that no analyses or studies were required prior to the preparation of plans.



JOSEPH D. HANDLEY, R.L.A.
LEAD LANDSCAPE ARCHITECT

Mr. Handley has been involved in a broad range of landscape architectural, complete streets, and streetscape projects in South Florida for the past thirty-five years. Joe is widely familiar with client needs and project requirements and processes. He is responsible for overseeing the preparation and processing of plats, site, landscape, hardscape, streetscape and irrigation plans; utilizing his knowledge of local, state and federal regulations involved in land development. He has direct client contact to obtain project input and approvals, responsible for completion of projects on time and within budget.

Education

Clemson University, B.S. in Ornamental Horticulture (1976 - 1980)

University of Georgia / Louisiana State University, Attended Masters' Program in Landscape Architecture (1981 - 1984)

Years of Experience

Total: 35; With Firm: 30

Licenses/Certifications

Florida Registered Landscape Architect: LA0001368 (1990)

Relevant Experience:

NE 34th Court Complete Streets Project | Oakland Park, Florida | Principal Landscape Architect - The landscape, streetscape and engineering services include full roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction. Craven Thompson assisted the City of Oakland Park with the funding procurement.

NE 38th Street Complete Streets Project | Oakland Park, Florida
Landscape Architectural Project Manager - The consulting services included landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction.

Sunrise Bicycle/Pedestrian, Greenways and Trails Master Plan | Sunrise, Florida
Principal Landscape Architect - Craven along with Alta Planning + Design was hired by the City of Sunrise to prepare a Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city in a manner that is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government.

JOSEPH D. HANDLEY, R.L.A. (continued)

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida | Landscape Architectural Project Manager - This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground.

NE/NW 6th Street (Sistrunk Blvd.) Streetscape and Enhancement Project | Fort Lauderdale, Florida | Principal Landscape Architect for Sistrunk Boulevard Streetscape and Enhancement Project. The project was funded and managed by the Fort Lauderdale CRA and included streetscape improvements consisting of landscape, median, paver sidewalk, lighting, drainage and other improvements. Work included close coordination with existing businesses during construction, public relations to keep all parties informed of improvements, maintenance of traffic coordination to ensure access to all affected properties throughout construction and a full time RPR on-site managing the project. The project was federally funded including LAP funding.

Citywide Median Landscape Beautification Conceptual Design | Lauderhill, Florida | Principal Landscape Architect - The goal of the project was to obtain a consistent enhancement theme reflecting the design aesthetic of the City of Lauderhill. This included conceptual design only. The project limits include the medians located within the City right of way for the street sections listed below:

- NW 44th Street from University to Inverrary Boulevard west
- NW 19th Street and intersection with NW 55th Avenue
- NW 55th Avenue from NW 15th Street to NW 16th Court
- NW 16th Street from NW 55th Avenue to NW 54th Terrace
- NW 12th Street from NW 42nd Way to SR7/441
- NW 16th Street from NW 46th Terrace to NW 38th Avenue
- NW 26th Street from NW 41st Avenue to SR7/441
- NW 38th Avenue from NW 19th Street to NW 18 Court
- NW 38th Avenue from NW 38th Way to NW 5th Court
- NW 36th Avenue from W Broward Boulevard to NW 1st Court
- NW 33rd Avenue from W Broward Boulevard to NW 4th Street

Indian Creek Drive Landscape Project | Miami Beach, Florida | Principal Landscape Architect
The primary goal of the Indian Creek Drive Landscape Project was to design a greenway master plan concept that improves the landscape aesthetics and pedestrian experience along the Indian Creek Waterway. The project includes the restoration and enhancement of the landscape buffer with the introduction of a diverse, low-maintenance, tropical, Florida Friendly, naturalized, and native plant pallet that encourages the return of the area's natural fauna, and promotes the ecology of the waterway for the benefit of the general public. We included a continuous pedestrian connection from the 41st Street bridge southward to the 29th Street pedestrian bridge and onward to form a connection at 25th Street and Collins Avenue. The plan restores vegetation to buffer noise and light pollution and to increase privacy for the residents of the Flamingo Drive Neighborhood. The landscape design also maximized the views to the creek along its entire length while considering CPTED principles for pedestrian safety.

Floranada Road Traffic Calming Improvements | Oakland Park, Florida| Landscape Architectural Project Manager - This project involved landscape architecture, professional engineering services for the design and permitting of traffic calming and other roadway improvements. The City of Oakland Park was seeking to implement traffic calming measures to enhance the safety of pedestrians and automobiles on Floranada Road between Dixie Highway and Federal Highway. Improvements surveyed, designed and permitted by Craven Thompson included traffic roundabouts at the roadway intersections with NE 13th Avenue and NE 16th Avenue. Two traffic chokers were installed at NE 15th Avenue and at NE 15th Terrace.

JOSEPH D. HANDLEY, R.L.A. (continued)

NW 21st Avenue Broward County Right of Way | Broward County, Florida | Lead Landscape Architect
This 1.2-mile roadway project consisted of widening the existing three (3) lane roadway (north-south and bi-directional turn lane) to a five (5) lane roadway (2 north-south travel lanes and a bi-directional turn lane). The Project included a 72" Diameter regional storm drain system that will provide flood protection to approximately 500 acres of existing developments. The 72" storm drain was jacked under the CSX Railroad Tracks and a new outfall was constructed in the C-13 Canal. The work included approximately 5,000 linear feet of water main and force main installation, curb and gutter, landscaping and irrigation, lighting and signalization. Joe served as the Lead Landscape Architect for the Project.

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida | Project Manager
This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground.

Miramar Parkway & Miramar Boulevard Median Enhancements | Miramar, Florida
Principal Landscape Architect - The project is along Miramar Parkway from the Florida Turnpike to Palm Avenue and along Miramar Boulevard from University Drive to Palm Avenue. The project includes landscaping and hardscape for two main thoroughfares through the City of Miramar. The medians lack aesthetic appeal and require various beautification enhancements. This is Phase I of a multi-phased project. The project requires permitting through the City and Broward County Construction and Highway Engineering Department. Craven Thompson is providing surveying and landscape architecture.

Lauderdale-by-the-Sea Municipal Park | Lauderdale-by-the-Sea, Florida | Principal Landscape Architect
Construction Cost: $1 Million. Craven Thompson was the prime consultant responsible for the redesign of this 2-acre prominent park opposite Town Hall. Site planning, civil engineering and landscape architecture were all performed by Craven Thompson. A roadway was vacated and this presented the opportunity for additional open space area to be established and the park facility to be expanded. Many of the established trees were retained with an enhanced with understory plantings that provided seasonal interest. Amenities such as bocce ball, horseshoes and basketball were added to the existing facility, as well as a playground overhaul, to provide a wide variety of athletic activities to the facility. Extensive native landscaping, including a butterfly garden, was installed.

Seagrape Drive North and South | Lauderdale-by-the-Sea, Florida | Principal Landscape Architect
A challenging project because of the multi-family back-out parking and single-family homes, this neighborhood street was turned from a wide asphalt roadway with very little character, to a beautiful, pedestrian-friendly streetscape. Decorative lighting, decorative signage, colored sidewalks, a bike path, paver crosswalks, tree grates and extensive landscaping transformed this roadway into a beautiful corridor for the Town of Lauderdale-by-the-Sea.



DOUGLAS R. TAYLOR, P.E.
CIVIL ENGINEER

CRAVEN-THOMPSON & ASSOCIATES INC.

Firm:
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education
University of Illinois,
Bachelor of Science in
Civil Engineering (1984)

Years of Experience
Total: 36; With Firm: 9

Licenses/Certifications
State of Florida
Professional Civil Engineer
Florida No. 50569 (1996)

TS EM5 Intermediate
ICS (G300) Certification

Mr. Taylor has been responsible for a multitude of municipal engineering / roadway projects throughout Florida. This includes project management, master design responsibility and oversight for a variety of projects. Mr. Taylor has 36 years of experience in civil engineering.

Relevant Experience:

Livable Neighborhoods Improvements Project | Miami Gardens, Florida | Senior Engineer. Mr. Taylor assisted in the design of the construction phases of the project including roadway, storm water modeling with ICPR, new storm sewer system, swale improvements, and storm water quality treatment, street lighting and landscaping improvements to select roadway corridors along with comprehensive storm water management systems for each neighborhood.

SW 36th Street | Davie, Florida | Senior Engineer. The 3,300-foot length of SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. In connection with this improvement, portions of SW 36th St. owned by NSU was dedicated to the Town.

Miramar Historical Area Complete Streets Project – Phase II | Miramar, Florida Senior Engineer - Craven Thompson was selected to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and CEI for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and SR 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape.

NE 14th Avenue Streetscape Project | Hallandale Beach Florida | Senior Engineer - The project area is along NE 14th Avenue between Hallandale Beach Blvd. and Atlantic Shores Blvd. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Ave; landscape screening along two (2) storm water pump stations.

NE 207th Street Milling & Resurfacing Project | Aventura, Florida | Senior Engineer - The project included the milling and resurfacing of NE 207th Street from Biscayne Boulevard up to the One Island Place gatehouse, which is approximately 2,100 feet East of NE 34th Avenue. The work also included curb & gutter repair, pavement marking & signage, and manhole/valve box adjustments.

Douglas R. Taylor, P.E. (continued)

Kimberly Boulevard Streetscape Improvements | North Lauderdale, Florida | Project Manager - Project Manager for the design and permitting of 1.2 miles of roadway, bicycle lane, median enhancements, a roundabout, landscaping, hardscape and lane reduction for an existing four-lane roadway subject to speeding and traffic accidents between autos, pedestrians, and bicyclists, Craven Thompson is providing survey, civil engineering, landscape architecture and construction administration and inspection.

LW 2020 Year 1 Mater Plan Roadway Improvements | Lake Worth, Florida | Project Director

- **Project 1 - North K St. and North M St. from 2nd Ave. North to 9th Ave. North.** An 8-inch diameter watermain constructed on each street connecting to the existing 12-inch diameter PVC main running east-west along 2nd Avenue North, and to the 8-inch diameter main running east-west along 9th Avenue North. The existing north-south watermains were 2, 4, and 6-inch diameter cast iron and 2-inch diameter galvanized steel lines in the alleys between the streets. Along with the installation of the mains, the water meters at the property lines were relocated to the streets as opposed to the alleys. Hydrants were added in the vicinity of 8th Avenue North, 4th Avenue North, and 3rd Avenue North. Existing hydrants between the streets that were in poor condition were replaced. North K Street from 2nd Avenue North to 7th Avenue North was in poor condition and required roadway and sidewalk reconstruction. A small segment at the southern end of each road fell within Problem Area 8 of the City's *"Stormwater Master Plan",* and therefore the storm sewer was upgraded.
- **Project 3 - North F St. from 5th Ave. North to 10th Ave. North** involved the construction of both storm sewer and watermain. Flood staging did not meet the minimum City criteria for the 5-year, 24-hour event. Therefore, reconstruction of the storm sewer was required and water quantity attenuation with exfiltration trench was implemented. To the north we connected a 12-inch diameter main to the existing 12-inch diameter stub extending south from 10th Avenue North within the road right-of-way and to the south tie into the 8-inch diameter main running east-west along 5th Avenue N. The only existing north-south watermain were 6-inch diameter cast iron mains located in both alleyways immediately east and west of North F Street. The meters were relocated within the road right-of-way and two new fire hydrants were constructed with this project. No pavement was identified with a PCI at or below 55 and therefore road reconstruction was necessary; however, utility trenching necessitated pavement replacement in trench areas and asphalt overlay.
- **Project 5 - North M St. from 9th Ave. North to 18th Ave. North** involved the reconstruction of roadway. The existing section of road was identified as in a failed condition with a PCI less than or equal to 55. The entire road was reconstructed, and the majority of the sidewalk also required reconstruction. The existing storm sewer pipe and structures from 16th Ave. North to 18th Ave. North was evaluated as to the condition of the materials. From 9th Ave. North to 16th Ave. North storm sewer was added.
- **Project 6 - on 11th Ave. North from Dixie Highway to North M St.** involved the reconstruction of roadway and storm sewer. Between North M St. and North L St. the existing road was rated as being in a failed or poor condition with a PCI of less than or equal to 55. In these areas the entire road and base was reconstructed. The structural condition of the existing storm sewer pipe and structures along the roadway were evaluated. Piping and/or structures identified as in poor structural condition were replaced.
- **Project 8 - North J St. from 13th Ave. North to 16th Ave. North, and 15th Ave. North from North J St. to the railroad tracks, and 14th Ave. North from North J St. to Dixie Highway** was identified as a part of Problem Area 3 in the *"Stormwater Master Plan"*. This project included the installation of 700 linear feet of 24-inch diameter exfiltration trench with a nutrient separating baffle box at the end of the trench, the replacement of 950 linear feet of existing 18 and 24-inch diameter storm sewer with 30-inch diameter RCP storm sewer, and the replacement of 70 linear feet of existing 12-inch diameter storm sewer with 24-inch diameter RCP storm sewer.

Douglas R. Taylor, P.E. (continued)

Griffin Road Expansion | Broward County, Florida | Project Manager
As growth in this area progressed, the need for additional lanes on this collector road became necessary. Improvements included milling and resurfacing of two miles of highway and the addition of two lanes of new roadway to create a four-lane section. Additional drainage was added along with providing additional water quality and water quantity storage. Designed pavement marking and signage plans for the new roadway section. This involved planning, design, permitting, and construction related services.

College Avenue Improvements Phase I | Davie, Florida | Project Manager
Design and permitting of .60 miles of improvements for the Town of Davie including taking a two-lane rural section with poor drainage to a four-lane urban section with bike lanes, curbing, median, sidewalk, a new drainage system, lighting, landscaping, and irrigation. Permitted the project through Central Broward Water Control District (CBWCD), South Florida Water Management District (SFWMD), and Broward County Highway Construction and Engineering Division. Developed pavement marking and signage plans for the project.

Manatee Isles Drive Roadway Project, | Weston, Florida | Project Manager
Designed, permitted and oversaw construction of this project for the City of Weston. Re-designed rural section roadway to widen lanes and provide drainage improvements on Manatee Isles Drive between SW 196th Avenue and South Post Road. The project also included milling and resurfacing, median work, installation of curb and gutter, signing and marking upgrades, and a Maintenance of Traffic plan, in addition to proposed electrical, landscape and irrigation work.

NW 38th Street Improvements| Oakland Park, Florida | Project Manager
Design and permitting for the complete reconstruction of a quarter mile of existing heavily traveled two lane road with failing asphalt and base and poor drainage. The project was permitted through Broward County and the South Florida Water Management District.

NE 12th Avenue Improvements | Oakland Park, Florida | Project Manager
Design and permitting for 0.50 miles of roadway in the Oakland Park Downtown CRA area. The roadway previously had very poorly defined lanes, parking and drainage. The re-design clearly delineated the lanes, placed “bulb outs”, constructed parking, greatly improved drainage and pavement marking and signage and added significant pedestrian improvements.



MATTHEW CIGALE, P.E.
CIVIL ENGINEER

CRAVEN-THOMPSON & ASSOCIATES INC.

Firm:
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education
Clarkson University,
Potsdam, New York
Bachelor of Science
in Civil Engineering (1996)

Years of Experience
Total: 21; With Firm: 19

Licenses/Certifications
State of Florida
Professional Civil Engineer
Florida No. 74584 (2012)

Mr. Cigale's extensive knowledge includes roadway design, water distribution system design, wastewater collection & transmission system design, storm water management design, planning and calculations, project management, cost estimation, construction permitting, and construction management.

Relevant Experience:

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida | Lead Civil Engineer - The project area is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides.

LW 2020 Mater Plan Year 1 Improvements | City of Lake Worth, Florida | Project Manager - Project includes design, permitting, Year 1 of the Lake Worth 2020 Master Plan. The project includes the rehabilitation of right-of-way infrastructure including roads, alleys, curb, sidewalk, hardscape, drainage, and potable water. The project includes over 13,000 linear feet of roadway and storm sewer along with in excess of 6,000 linear feet of water main.

North County Neighborhood Improvements Project, NE Quadrant | Broward County, Florida | Project Engineer - Assisted in design of roadways, right-of-way improvements (ADA, sidewalk, swales, etc.) sanitary sewer collection system consisting of 69,550 linear feet - 8" gravity main, 807 linear feet - 10" gravity main, 129 linear feet - 12" gravity main, and 144 linear feet - 16" gravity main. The sanitary force main system consisted of 540 linear feet - 8" main, and 1,540 linear feet 12" main. The water distribution system additions included 35,626 linear feet - 6" main, 10,161 linear feet - 8" main, 841 linear feet - 12" main, 1,306 linear feet - 20" main, and 1,023 linear feet - 24" main.

6th Avenue South Roadway & Streetscape Improvements | City of Oakland Park | Project Engineer - The project limits are 6th Avenue South – Federal Highway to Dixie Highway. The scope of work includes mill existing pavement 1" +/- and reconstitute existing Type F curb, selective removal/replacement of sidewalk and curbing, striping, ADA ramps, and traffic calming features that will add aesthetic value.

Garden Acres | City of Oakland Park | Project Engineer - Responsible for preparation of Contract Documents, Permitting and Construction Management for 25-acre residential infrastructure improvement(s) retrofit within the City of Oakland Park. Services include: roadway design; storm water design; water distribution system design; wastewater collection & transmission systems design; permitting; bidding assistance and construction administration.

561

Matthew Cigale, P.E. (continued)

NW 21st Avenue Broward County Right of Way - Oakland Park, Florida | Project Engineer - This 1.2-mile roadway project consisted of widening the existing three (3) lane roadway (north-south and bi-directional turn lane) to a five (5) lane roadway (2 north-south travel lanes and a bi-directional turn lane). The Project included a 72" Diameter regional storm drain system that will provide flood protection to approximately 500 acres of existing developments. The 72" storm drain was jacked under the CSX Railroad Tracks and a new outfall was constructed in the C-13 Canal. The work included approximately 5,000 linear feet of water main and force main installation, curb and gutter, landscaping and irrigation, lighting and signalization.

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida | Project Engineer
This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground.

Washington Road Basis of Design Review (BODR) | West Palm Beach, Florida | Project Manager
The Basis of Design Report (BODR) for the Washington Road (Monceaux Road to Edgewood Drive) study area provides a preliminary master plan for the future construction of infrastructure improvements. The study area, totaling approximately three (3) acres, is located within a single-family residential neighborhood of West Palm Beach where many of the existing utility systems are inadequate, aging and in need of reconstruction. This BODR will provide a basis for the final design of infrastructure improvements for the study area. The study provided for due diligence and preliminary engineering for potable water, sanitary sewer, stormwater / drainage, paving, curb & gutter, and sidewalk.

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida | Project Manager - The project area is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides.

Spangler Boulevard | Port Everglades, Florida | Senior Engineer | Assisted with design, permitting, and bidding. This project involved reconstructing the existing 4-lane divided urban collector into two 2-lane roadways with a security barrier between the parallel pairs to provide a secured roadway inside the Port Everglades operational areas and an unsecured roadway for access to the Greater Fort Lauderdale - Broward County Convention Center. The project originally included an extensive traffic impact study and evaluation of alternative by-pass corridors, but was expanded to include design of new security checkpoints, street lighting, traffic signal modifications, the relocation of a dynamic message sign, landscape improvements, a sally-port vehicular barrier, and a security screen on the south and east faces of the multi-level parking garage adjacent to the convention center.

McIntosh Road | Port Everglades, Florida | Senior Engineer - Assisted with design modifications, permit modifications, and construction engineering services, which included road realignment studies, surveying, transportation and geotechnical engineering, and Resident Project Representative services related to the expansion of the McIntosh Road corridor from an existing 4-lane divided urban collector to 6-8 lane divided urban collector with dedicated storage lanes for each container yard. The project included evaluating several alignment options to decrease delay and travel times, vehicle emissions and total fuel consumption. CTA designed enhanced driveway connections to each container yard with overhead illuminated way-finding signs to guide truck traffic along the dedicated storage lanes thereby freeing up the through lanes. The engineering services include storm water management design and permitting and an evaluation of alternative methods for accommodating new roadway construction over organic materials.



SCOTT W. PEAVLER, R.L.A.
LANDSCAPE ARCHITECT

Mr. Peavlers' responsibilities include site planning, landscape and hardscape design, tree removal and relocation plans in AutoCAD and presentation graphics, utilizing knowledge of local and state regulations involved in land development on a range of projects. Coordinating with Clients, City officials, and other consultants to obtain project input and approvals. Has direct client contact. Preparation of color renderings of landscape plans for presentation.

Relevant Experience:

NE 38th Street Complete Streets Project | Oakland Park, Florida
Landscape Architect - The consulting services included landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilizes FDOT LAP funding for construction.

Miramar Historical Area Complete Streets Project – Phase I | Miramar, Florida
Lead Landscape Architect - Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida
Landscape Architect - This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground.

Landscape Peer Plan Review | Coconut Creek, Florida
Review Landscape Architect - Mr. Peavler serves as reviewer of all DRC submittals on behalf of the City which include landscape and hardscape elements.

Township Buffer | Coconut Creek, Florida | Project Manager - The Township Buffer Restoration project is a 5-year Multi-Phase project to reestablish and improve the Township buffers along the main arterial roadways in the City, as well as the major internal neighborhood roads within the Township. Along with the prepared construction documents, the design project included a comprehensive set of guidelines to provide direction for the buffer restoration, which was developed through coordination with City Staff and the Township.

CRAVEN-THOMPSON & ASSOCIATES INC.

Firm:
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education
Kansas State University, Bachelors of Landscape Architecture (2005)

Years of Experience
Total: 14; With Firm: 10

Licenses/Certifications
Florida Registered Landscape Architect: LA6666976 (2008)

SCOTT W. PEAVLER, R.L.A. (continued)

Davie CRA SW 41st Place Parking Lot Improvements | Davie, Florida
Landscape Architect - Provided landscape services which included landscape design, and preparation of construction documents for the CRA Parking Lot located behind the businesses on Davie Road, including landscaping, irrigation, and pervious pavement improvements.

Citywide Median Landscape Beautification Conceptual Design | Lauderhill, Florida | Landscape Architect
Project limits include the medians located within the City right-of-way for these street sections:

- NW 44th Street from University to Inverrary Boulevard west
- NW 19th Street and intersection with NW 55th Avenue
- NW 55th Avenue from NW 15th Street to NW 16th Court
- NW 16th Street from NW 55th Avenue to NW 54th Terrace
- NW 12th Street from NW 42nd Way to SR7/441
- NW 16th Street from NW 46th Terrace to NW 38th Avenue
- NW 26th Street from NW 41st Avenue to SR7/441
- NW 38th Avenue from NW 19th Street to NW 18 Court
- NW 38th Avenue from NW 38th Way to NW 5th Court
- NW 36th Avenue from West Broward Boulevard to NW 1st Court
- NW 33rd Avenue from West Broward Boulevard to NW 4th Street

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida | Landscape Architect - Mr. Peavler assisted in the LA/streetscape design for the NE 14th Avenue Streetscape Improvements. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening adjacent to two (2) stormwater pump stations.

Sunrise Bicycle/Pedestrian, Greenways and Trails Master Plan | Sunrise, Florida | Landscape Planner
Craven Thompson along with Alta Planning + Design was hired by the City of Sunrise to prepare a Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city in a manner that is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities.

69th Street Greenway Design Guidelines | Coconut Creek, Florida | Landscape Architect
Mr. Peavler worked with the City to develop and prepare an illustrative Design Guidelines package complete with conceptual plans and typical sections to give future developers an understanding of the design intent for the 69th Street Greenway. The Design Guidelines package included landscape guidelines, plans, typical sections, plant palettes, typical lighting elements, and site amenities per the City of Coconut Creek standards.

Hallandale Beach City-Wide Master Plan – Landscape Architecture | Hallandale Beach, Florida | Landscape Architect/Project Manager - The City of Hallandale Beach hired Craven Thompson & Associates to produce a city-wide master plan that functions as a comprehensive document that assessed various infrastructure improvements, both underground and surface, and utilizes the outcome as a basis for preparing construction documents and acquiring funding. This includes City-Wide Master Planning for the 2,800 acres including sidewalk, landscaping, hardscape, median enhancement, complete streets, bike lanes, local roads, sidewalk, and lighting. CTA provided recommendations for future streetscape corridors, bike lane and greenway planning, and schematic landscape for the City. A full storm water master drainage plan was performed by CTA in conjunction with this project. CTA is developed a Capital Improvement Plan and schedule.



RICHARD D. PRYCE, P.S.M.
SURVEYOR

Mr. Pryce has over forty-seven years of experience surveying in South Florida. He has specialized in all aspects of the land surveying & mapping profession and has also specialized in developing GIS/Survey applications using ESRI ArcGIS software since 1990. Mr. Pryce has specialized training in BLM PLSS retracement surveys, legal research and resolving boundary disputes. Mr. Pryce has been fully trained on Leica 3D Laser Scanners and 3D Modeling for use in High Density Surveying of Commercial, Historical and Utility Sites. He has also been developing ways to analyze Lidar data for City-wide Storm water and Drainage studies.

Relevant Experience:

NE 34th Court Complete Streets Project | Oakland Park, Florida | Lead Surveyor - The surveying, landscape, streetscape and engineering services included full roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilizes FDOT LAP funding for construction. Craven Thompson and Associates assisted the City of Oakland Park with the funding procurement.

NE 38th Street Complete Streets Project | Oakland Park, Florida | Lead Surveyor The consulting services included surveying, landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilizes FDOT LAP funding for construction.

Miramar Historical Area Complete Streets Project – Phase II | Miramar, Florida | Principal Surveyor - Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

CRAVEN-THOMPSON & ASSOCIATES INC.

Firm:
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309

education
Broward Community College, Associate of Science in Criminal Justice (1978)

years of experience
Total: 47; With Firm: 13

licenses/certifications
Professional Surveyor and Mapper: LS4038 (1983)

publications
Co-author POB Magazine - "22,000 Acres and Counting" November 1998

Co-author POB Magazine - "The CAD Resolution" September 1999

affiliations
Past Director - Broward County Chapter of Florida Surveying & Mapping Society

State & County Chapters, Florida Surveying & Mapping Society

American Congress on Surveying and Mapping

National Society of Professional Surveyors

American Society of Photogrammetry and Remote Sensing

RICHARD D. PRYCE, P.S.M. (continued)

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida| Principal Surveyor - The project area is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides.

NW 21st Avenue Broward County Right of Way | Broward County, Florida | Lead Surveyor - This 1.2-mile roadway project consisted of widening the existing three (3) lane roadway (north-south and bi-directional turn lane) to a five (5) lane roadway (2 north-south travel lanes and a bi-directional turn lane). The Project included a 72" Diameter regional storm drain system that will provide flood protection to approximately 500 acres of existing developments. The 72" storm drain was jacked under the CSX Railroad Tracks and a new outfall was constructed in the C-13 Canal. The work included approximately 5,000 linear feet of water main and force main installation, curb and gutter, landscaping, irrigation, lighting & signalization.

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida | Principal Surveyor
This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground.

3D Laser Scanning portion of Interstate 95 Topographic Design Project | Principal Surveyor and Technical Director of 3D Laser Scan Survey of a portion of Interstate 95 for Broward County Engineering to get topographic elevations across 6 lanes of highway to centerline median wall for design of temporary roadway for construction traffic to offload storm drainage pipes.

SW 188th Avenue Topographic Survey | Southwest Ranches, Florida | Project Manager
Craven Thompson prepared a topographic survey of portions of the following multiple roadways within the Town of Southwest Ranches. The survey included locations within the full right-of-way of the roads listed below. The total project length, including all adjacent side street sections, covers approximately 14,300 lineal feet. SW 188th Avenue, from the north edge of pavement of Griffin Road southerly, to the end of the existing asphalt pavement, which covers the existing public right-of-way section only. This section is to include a portion of the existing Griffin Road, pavement only, lying within one hundred (100) feet east and west of the centerline of SW 188th Avenue. This includes: SW 186th Way, from SW 61st Court southerly, to a cul-de-sac at its southerly end; SW 61st Court, lying between SW 185th Way and SW 186th Way. This will include a portion of SW 185th Way, fifty (50) feet north and south of the centerline of SW 61st Court; SW 63rd Street, from SW 185th Way westerly, to the canal west of SW 188th Avenue. This will include a portion of SW 185th Way, fifty (50) feet north and south of the centerline of SW 61st Court; Stirling Road, straddling SW 188th Avenue, end to end; SW 57th Court, straddling SW 188th Avenue, from dead-end, east of SW 188th Avenue, west to the canal; SW 54th Place, straddling SW 188th Avenue, from dead-end, east of SW 188th Avenue, west to the canal. SW 51st Manor, straddling SW 188th Avenue, end to end.

SW 190th Avenue Topographic Survey | Southwest Ranches, Florida | Project Manager
Craven Thompson prepared a topographic survey of SW 190th Avenue, from one hundred (100) feet south of SW 49th Street, to the north edge of pavement of Griffin Road, approximately 1,215 linear feet in length. The survey consisted of the existing twenty (20) foot wide of platted right-of-way, and a minimum of thirty (30) feet west and twenty-five (25) feet east of the existing right-of-way, for locations and topographic elevations. At the intersections of Griffin Road and SW 49th Street, the locations included up to one hundred (100) feet east and west of each intersection.



NICHOLAS MESSINA, JR., P.S.M.
SURVEYOR

Mr. Messina is an experienced surveyor with over 28 years surveying, including 19 years of private sector experience surveying in South Florida. He has been the Project Surveyor/Manager for variety of surveys such as ALTA/ACSM Land Title, As-Built, Boundary and Topographic, Control and Quantity Surveys. He has 10 years of public sector experience.

Relevant Experience:

NE 34th Court Complete Streets Project | Oakland Park, Florida
Project Surveyor - The streetscape and engineering services include full survey, roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilizes FDOT LAP funding for construction. Craven Thompson and Associates assisted the City of Oakland Park with the funding procurement.

Miramar Historical Area Complete Streets Project – Phase II | Miramar, Florida
Project Surveyor - Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

Filmore Street Topographic Survey | Hollywood Florida| Project Surveyor
Mr. Messina prepared a topographic (as-built) survey of Filmore Street, between N. 31st Avenue and N. 32nd Avenue in the City of Hollywood, Florida.

NE 14th Avenue Streetscape Improvements | Hallandale Beach Florida
Project Surveyor - The project area is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides.

CRAVEN-THOMPSON & ASSOCIATES INC.

Firm:
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309

education
University of Alaska, Anchorage, Alaska, Associate of Science in Surveying and Mapping (1999)

years of experience
Total: 29; With Firm: 20

licenses/certifications
Professional Surveyor and Mapper: LS6559 (2006)

Trained NGS OPUS Projects Manager, Trimble Business Center

Nicholas M. Messina, P.S.M. (continued)

Topographic Survey Intersection of Las Olas Boulevard & SE 3rd Avenue | Fort Lauderdale, Florida
Project Surveyor - The intersection survey prepared by Mr. Messina includes all of the aboveground visible improvements within the survey limits. The topographic survey includes the recovery of enough boundary and right-of-way corners, to tie down the aboveground visible improvements (i.e., sidewalks, ADA ramps, curbs, structures, pavement, trees, slabs, and visible utility features).

City of Miami Gardens Livable Neighborhoods Improvements Project | Miami Gardens, Florida
Project Surveyor - Responsible for the preparation of all surveying documents for four (4) communities that included streetscape, storm water modeling with ICPR, new storm sewer system and storm water quality treatment, street lighting and landscaping improvements to select roadway corridors along with comprehensive storm water management systems for each neighborhood.

Floranada Road Traffic Calming Improvements | Oakland Park, Florida
Project Surveyor - This project involved survey, landscape architecture, professional engineering services for the design and permitting of traffic calming and other roadway improvements. The City of Oakland Park was seeking to implement traffic calming measures to enhance the safety of pedestrians and automobiles on Floranada Road between Dixie Highway and Federal Highway.

NE 207th Street Milling & Resurfacing Project | Aventura, Florida | Survey Lead
The project included the milling and resurfacing of NE 207th Street from Biscayne Boulevard up to the One Island Place gatehouse, which is approximately 2,100 feet East of NE 34th Avenue. The work also included curb & gutter repair, pavement marking & signage, and manhole/valve box adjustments.

Biscayne Lake Gardens Milling & Resurfacing | Aventura, Florida | Survey Lead
Prepared a topographic survey of aboveground improvements up to 2' beyond the edge of pavement for roadway milling, resurfacing and pavement marking drawings for the following areas within Biscayne Lake Gardens: NE 29th Court, NE 201st Terrace, NE 27th Court, and the frontage road along NE 203rd Street, a distance of approximately 3,500 feet.

Greenacres Palm Beach Villas Sidewalk Survey | Greenacres, Florida | Project Manager
Mr. Messina provided professional surveying services for the sidewalk project. The survey locations consisted of four sections of Empire Way (2200'), portions of Toga Way (210'), Nicia Way (120'), and Centurian Way (650'). The entire project totaling 3,180 lineal feet is to be surveyed for sidewalk design. This survey consisted of preparing a design survey of the roadways noted above.

NE 29th Place and NE 203rd Street Sidewalk | Aventura, Florida | Surveying Lead
Craven Thompson provided professional surveying, engineering and subsurface utility engineering services specific to the preparation of improvements to NE 29th Place North along NE 203rd Street from NE 29th Place to NE 29th Court. The improvements consisted of the addition of a sidewalk from the existing bus stop on NE 29th Place (on the west side of the roadway) to the northeast corner of NE 29th Court at NE 203rd Street, including a marked crosswalk across NE 29th Court.

ADA Ramp Replacement/Installation Project | Miami Springs, Florida | Surveyor
Craven Thompson was retained by the City of Miami Springs to assist with the surveying, design and permitting of new and replacement ADA ramps throughout the City. The project is funded through the legislative appropriation process. The project includes surveying and field evaluation of intersections throughout the City to determine the location of non-conforming or missing ADA ramps. Based on that information, CTA developed a set of construction plans for installation of the ramps per FDOT standards.



DON SHAVER
CONSTRUCTION MANAGER

Mr. Shaver is responsible for coordination with Clients and contractors, supervision of inspection personnel, inspection of infrastructure engineering projects including, water distribution systems, sanitary sewer systems, storm drainage and roadways. Performs shop drawing reviews, pay application processing, certifications, construction management and review of record drawings for private and municipal clients.

Relevant Experience:

Davie Road Phase 1 CEI Services | Town of Davie, Florida | Construction Manager - This project was for the construction engineering inspection services to re-construct a public roadway known as Davie Road Phase 1 within public Right-of-Way owned by Broward County extending from the State Road 84 Right-of-Way to Nova Drive. The length of the reconstruction was approximately 2,640 linear feet. The primary intent was for Craven Thompson to provide construction engineering inspection services for the re-construction of the roadway. The construction project consisted of pavement, base and sub-grade reconstruction, curb & gutter construction, bike lane construction, sidewalk construction, median construction, driveway reconstruction within the Right-of-Way, drainage system construction, landscaping & irrigation construction, pavement marking & signage, traffic signal modification at Reese Road and at Nova Drive, street lighting, and coordination with utility companies.

NE/NW 6th Street (Sistrunk Blvd.) Streetscape and Enhancement Project | Fort Lauderdale, Florida - Construction Management services and oversight of Resident Project Representative (RPR) for Sistrunk Blvd. Streetscape and Enhancement Project. The project was funded and managed by the Fort Lauderdale CRA and included streetscape improvements consisting of landscape, median, paver sidewalk, lighting, drainage and other improvements. Work included close coordination with existing businesses during construction, public relations to keep all parties informed of improvements, maintenance of traffic coordination to ensure access to all affected properties throughout construction and a full time RPR on-site managing the project.

191st Street Drainage Improvements | Aventura, Florida | Construction Manager - Approximately 600', 60' R.O.W. Craven Thompson provided surveying, civil engineering (design, permitting & bid assistance) and CEI services on the project.

Resurfacing and ADA Sidewalk Improvements | Miami Gardens, Florida | Construction Manager - The resurfacing and ADA walk improvements included approximately 24,000 linear feet of road throughout the city in three neighborhoods. The neighborhoods consist of a mixture of single and multi-family residential dwellings. Significant amounts of the existing roadway infrastructure within these neighborhoods did not meet current ADA requirements, which warranted attention in order to conform to current standards. The project involved coordination with FDOT for LAP funding and design criteria, and the development of construction drawings and specifications.

NE 183rd Street Median Drainage | Aventura Florida | Construction Manager Craven Thompson provided surveying, civil engineering, and CEI services for NE 183rd Street east of NE 27th Avenue.

CRAVEN-THOMPSON & ASSOCIATES INC.

Firm:
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education
Kansas State University, Bachelor of Science – Construction Science (1981)

Hutchinson Community College, Associates in Technical Education, Building Science (1978)

Years of Experience
Total: 39; With Firm: 20

Licenses/Certifications
State of Florida General Contractor (Inactive)

Don Shaver (continued)

Yacht Club Way Bridge | Aventura, Florida | Construction Manager - Mr. Shaver was responsible for Construction Management - Project included design, permitting, coordination with FDOT and construction of repairs and upgrades to existing bridge. The inspections and reporting for the project were all in accordance with Federal requirements.

Biscayne Boulevard Decorative Street Lights | Aventura, Florida | Construction Manager
Mr. Shaver was responsible for Construction Management – The Biscayne Boulevard Decorative Lighting Improvements Project included the design, permitting, installation of new light poles along Biscayne Boulevard, and coordination with Miami-Dade County Public Works and FDOT to ensure LAP compliance. The lighting improvements encompass the entire City limits along Biscayne Boulevard. The project improvements included the removal of existing light poles and installation of new light poles in accordance with FDOT and Miami-Dade County requirements.

NE 183rd Street Median Drainage | Aventura Florida | Construction Manager - Craven Thompson provided surveying, civil engineering, and CEI services for NE 183rd Street Median Drainage Project east of NE 27th Avenue. The project was designed to rectify localized flooding by repaving a segment of the existing roadway.

Transit Improvements - New Bus Shelters | Aventura, Florida | Construction Manager
Mr. Shaver was responsible for Construction Management – The project included the installation of two new bus shelters along Country Club Drive. The work involved included design, permitting, coordination of FDOT LAP Funding requirements and Miami-Dade County Transit, and construction of the new bus shelters. Country Club Drive is part of the Federal Aid Road System and Country Club Drive has bus stops serving both Miami-Dade County Transit and the City of Aventura's local bus system.

SW 41st Place Improvements | Davie, Florida | Construction Manager - Responsible for Construction Management of the roadway and right-of-way infrastructure for the SW 41st Place Project. This included roadway reconstruction, new sidewalk, curb & gutter, water, sanitary and drainage. This is Phase I of the Eastside Master Infrastructure Improvements.

Miami Gardens Livable Neighborhoods Improvements | Miami Gardens | Construction Manager
Mr. Shaver was responsible for the construction management of drainage and roadway/right-of-way improvements for the Kings Garden I & II and, Vista Verde Phase IA subdivisions.

Nova Southeastern University - SW 36th Street | Davie, Florida | Construction Manager
Craven Thompson provided civil engineering, CEI, and miscellaneous survey services for the project. SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. In connection with this improvement, any portions of SW 36th Street currently owned by NSU are being dedicated to the Town solely for roadway purposes

Ramblewood Circle Drainage Improvements | Greenacres, Florida | Construction Manager
The project required 615 linear feet of drainage piping, 351 linear feet of exfiltration trench, 1,000 linear feet of sidewalk, and numerous driveway restorations within the neighborhood road rights-of-ways. Significant pavement restoration was also required. The challenges in the project included working around existing water and sewer services to remain in service while installing significant trench and drainage pipe as well as working to minimize impacts to residences during construction as much as possible. Craven Thompson provided surveying, design, permitting and CEI services.

NW 5th Avenue Streetscape & Roadway Improvements | Oakland Park, Florida | Construction Manager
He was responsible for construction management of NW 5th Avenue from Oakland Park Boulevard to NW 38th Street. The project consisted of a water distribution system, a stormwater system and roadway reconstruction.

Harlem McBride Area Roadway & Drainage Improvements | Oakland Park | Construction Manager - He was responsible for Construction management for drainage and roadway construction of Harlem McBride area. The project consisted of a water distribution system, a stormwater system, and roadway pavement overlay.



JAMES SHEDDY
SENIOR CONSTRUCTION INSPECTOR

Mr. Sheddy is a Certified Contractor with over sixteen years supervisory experience and forty-six years overall experience in all phases of construction in civil design and structural building inspection on residential and commercial developments.

Relevant Experience:

Miramar Historical Area Complete Streets Project – Phase II | Miramar, Florida
Construction Inspector - Craven Thompson was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. Services provided by Craven Thompson included: surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida
Construction Inspector - The project area is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening of a major stormwater pump station.

NW 5th Avenue Streetscape & Roadway Improvements | Oakland Park, Florida
Senior Field Representative - Responsible for Inspection services for construction of NW 5th Avenue from Oakland Park Boulevard to NW 38th Street. Project consists of storm water system, water distribution system and roadway re-construction.

Harlem McBride Area Roadway & Drainage Improvements | Oakland Park, Florida
Senior Field Representative - Responsible for Inspection services for drainage and roadway construction of Harlem McBride area. Project consists of storm water system; water distribution system and roadway pavement overlay.

Garden Acres Neighborhood Improvements | Oakland Park, Florida | Senior Construction Inspector - Mr. Sheddy was responsible for Inspection services for the construction the Garden Acres Neighborhood Improvements. CTA provided design, permitting and CEI services for the project. The roadway restoration consisted of 4,985 linear feet of roadway. The drainage system consisted of 2,136 linear feet of storm sewer, 4,171 linear feet and of exfiltration trench. The project also included major roadway, water and sanitary sewer improvements. The water improvements consisted of 5,591 linear feet of 6" diameter main, and 962 linear feet of 8" diameter main. The sanitary improvements consisted of 7,045 linear feet of 8" diameter sewer, 218 linear feet of 4" diameter forcemain, and 1,044 linear feet of 6" diameter forcemain, and two lift stations.

CRAVEN-THOMPSON & ASSOCIATES INC.

Firm:
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education
Broward Community College
University of Florida

Years of Experience
Total: 48; With Firm: 15

James Sheddy (continued)

NE 38th Street Complete Streets Project | Oakland Park, Florida | Senior Field Representative
Responsible for inspection services for construction of NE 38th Avenue from NE 12th Avenue to Federal Highway. Project consists of storm water system, water distribution system and roadway re-construction.

Floranada Road Traffic Calming & Roadway Improvements | Oakland Park, Florida | Senior Field Representative - The City of Oakland Park was seeking to implement traffic calming measures to enhance the safety of pedestrians and automobiles on Floranada Road between Dixie Highway and Federal Highway. Improvements surveyed, designed and permitted by Craven Thompson included traffic roundabouts at the roadway intersections with NE 13th Avenue and NE 16th Avenue. Two traffic chokers were installed at NE 15th Avenue and at NE 15th Terrace.

Midport Roadway Improvements | Port Everglades, Florida | Senior Field Representative
Responsible for Inspection Services for Roadway and Drainage installations.

SW 41st Place Improvements | Davie, Florida | Senior Field Representative
Responsible for Inspection Services for Water, Sewer, Drainage, and Roadway installations.

Swale, Sidewalk, Drainage and Roadway (CDBG) Improvements | Hallandale Beach, Florida | Construction Inspector. Mr. Sheddy was the construction inspector for ADA connections, details and cross-sections for the Project. The sidewalk was installed to complete the existing neighborhood sidewalk network. Swales were constructed adjacent to the new sidewalks and exfiltration trench was installed to eliminate nuisance flooding.

NE 29th Place (North) Improvements | Aventura, Florida | Construction Inspector
The project included surveying, design, permitting, and construction services for the milling and resurfacing of 630 linear feet of existing roadway, installation of curb and gutter, pavement marking, signage, and traffic signal loops drainage installation, cleaning and videoing of drainage system, sidewalk construction, tree removal and installation, and light pole modifications on NE 29th Place (North) from Aventura Boulevard to NE 203rd Street.

NE 29th Place and NE 203rd Street Sidewalk Improvements | Aventura | Senior Construction Inspector
Mr. Sheddy was responsible for the inspection of the project which consisted of the addition of a sidewalk from the existing bus stop on NE 29th Place (on the west side of the roadway) to the northeast corner of NE 29th Court at NE 203rd Street, including a marked crosswalk across NE 29th Court. The intersection is currently signalized. The existing signal is maintained by Miami-Dade County and is part of the signal at NE 29th Place. This scope of services assumed that the installation of a new signalized crosswalk, in concept, is acceptable to all review agencies and that no analyses or studies were required prior to the preparation of plans.

Nova Southeastern University - SW 36th Street | Davie, Florida | Senior Construction Inspector
Craven Thompson provided civil engineering, CEI, and miscellaneous survey services for the project. SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. In connection with this improvement, any portions of SW 36th Street currently owned by NSU are being dedicated to the Town solely for roadway purposes.

NE 185th Street Left Turn Lane Extension | Aventura, Florida | Senior Construction Inspector
Mr. Sheddy was responsible for construction inspection of the turn lane extension project on a portion of NE 185th Street. Craven Thompson designed and permitted paving, grading, and drainage drawings for the extended westbound left turn lane on NE 185th Street; prepared Pavement Marking and Signage drawing, and prepared, submitted, and processed permit applications through Miami-Dade County Public Works.

Electrical Design Associates

Lillian M. Reyes, P.E.

Professional Record

Ms. Reyes is the chief electrical engineer for Electrical Design Associates, Inc. Ms. Reyes is experienced in designing electrical power distribution for municipal systems, water and wastewater treatment facilities, above and below ground distribution systems, lighting systems for parks, roadway, and industrial facilities, security and fire alarm systems for commercial and government buildings, manufacturing facilities, computer rooms, schools, hospitals and residential dwellings. Ms. Reyes project management responsibilities encompass preliminary and final design, cost estimating, and construction/start-up services.

Experience:

Ms. Reyes is experienced in electrical design for various projects with the private and public sector. Ms. Reyes was the project manager, in responsible charge, for all electrical design concerns for the following projects:

- SW 12th Avenue Improvements
  Delray Beach, Florida
- Boynton Beach Blvd Street Lighting
  Palm Beach County, Florida
- Lyons Road Lighting Improvements
  Palm Beach County, Florida
- Gun Club Road Street Lighting
  Greenacres, Florida
- Hypoluxo Road Street Lighting
  Palm Beach County, Florida
- Monceaux Road Improvements
  West Palm Beach, Florida
- Waterfront Commons
  West Palm Beach, Florida
- NE 1st Avenue Improvements
  Delray Beach, Florida
- Florida Atlantic Boulevard Expansion
  City of Boca Raton, Florida
- Panther Parkway Improvements
  City of Sunrise, Florida

Academic Credentials:

Bachelors of Science in Electrical Engineering
Florida Atlantic University, 1988

Professional Engineer - Florida

Employment Record:

1998-Present - Electrical Design Associates, Inc.
Owner/President,
Chief Electrical Engineer

1996-1999 - Bailey Engineering Consultants, Inc.
Electrical Engineer

1989-1996 - International Business Machines, Corp.
Senior Associate Engineer

1988-1989 - Brabham Debay and Associates, Inc.
Electrical Engineer

Principal Areas of Expertise:

Electrical Design of Power Distribution, Lighting, Security and Fire Alarm Systems for Environmental, Municipal and Commercial Projects

Electrical Cost Estimating

Professional Activities:

Florida Engineering Society (FES)
Illuminating Engineering Society (IES)
National Fire Protection Association (NFPA)
American Society of Agricultural Engineers (ASAE)



Sheryl Dickey

Community Relations Support

Sheryl A. Dickey is a community and economic development professional with more than 30 years of experience and a track record of success in these areas. She brings a high level of energy and the ability to participate in a leadership or team member role to ensure successful completion of a wide range of projects.

Owned and operated by Sheryl A. Dickey, DCS is an economic development, project management, public relations consulting firm. The company and its associates provide services to public and private enterprises, coordinating, implementing and promoting projects related to economic and community development, project management, international trade/business development, housing, public relations, public involvement, and other marketing initiatives. DCS has been in business for twenty years.

Education

BSSW, Ohio State University

Certification/License

Charrette Planner, National Charrette Institute

Public Meeting Facilitator, National Charrette Institute

Areas of Expertise

- Community and Business Development Expert
- Public Engagement Specialist
- Collaborative Change Agent
- Longtime Broward County
- Business Owner

Experience

- 30 total years

Professional Activities

International Economic Development Council

Greater Fort Lauderdale Chamber of Commerce

APTA COMTO AMAC

Water & Wastewater Services Neighborhood Improvement Program
Dickey Consulting Services, Inc. provided support in the planning and implementation of Public Communication and Public Outreach activities for the Program Management Team. Accomplishments included the development and maintenance of stakeholder and community database for diverse elements of the City of Fort Lauderdale community. Developed and implemented media communication plans for positive public perception and support for the program to promote a positive image of the programs Management team. Developed communication and outreach activity plans. Provided translation services for Haitian and Hispanic residents in the community.

North Central County Neighborhood Improvement Project
Public Outreach efforts included composition of a database of homeowners and businesses. Prepared project collateral brochures, flyers, fact sheets, notification letters, news articles and public notices. Adhered to sensitive timelines to execute news releases, distributions, and event reminders. Coordinated and attended public meetings with established neighborhood associations, community groups, PTAs and business owners. The overall objective of the project was to provide support to the planning and implementation of program development, public communication, awareness and outreach.

Chen & Associates Broadview Park Neighborhood Improvement Project
Dickey Consulting staff attended and participated in community meetings scheduled by the residents' HOA project team, County staff and Commissioners. Staff also assisted with the coordination of meetings with the purpose of educating affected residents of the community. A media involvement plan was implemented and all public inquiries was documented and tracked accordingly. Outreach efforts required the development and implementation of surveys, fact sheets, news bulletins and various communication materials. We utilized partner graphic and printing firms to aid in printing of the materials used in conjunction with all media and public distribution.

Sistrunk Streetscape
Project tasks required the coordination of pre-construction public meetings for the community. Our experienced staff provided face to face site visits to monitor the various phases of project and ensured that deadlines were met. We prepared updated and distributed public service announcements that addressed project concerns throughout the life of the project. Our firm also performed document control services: scanning, validating and distributing documents to project team, and other pertinent parties.

Matthew R. LaLuzerne, PSM
Vice President

PROJECT ASSIGNMENT:
Project Manager

EDUCATION:
BS / Geomatics / University of Florida
MBA / Rollins College

REGISTRATION:
Professional Surveyor & Mapper #LS6766 / FL

TOTAL YEARS EXPERIENCE: *14*

Professional Profile

Mr. LaLuzerne is the Operations Manager for GPI's Geospatial Division, and oversees the day-to-day operations of the photogrammetric surveying and mapping, Aerial and Mobile LiDAR, and Orthophotography projects. He has an extensive background with a variety of survey services, including mobile and aerial LiDAR, traditional ground survey, and utility.

Mr. LaLuzerne is experienced in managing multi-serviced projects and contracts, scheduling resources, meeting schedule deadlines and budgetary constraints, and finding innovative techniques to increase efficiency and quality control processes.

Project Experience

Shared-Use Non-motorized (SUN) Trail, St. Lucie County, FL. *Florida Department of Transportation District 4* –GPI provided a 3D design survey of the project corridor utilizing a combination of Aerial LiDAR and Photogrammetry. The topographic survey data was used to support the efforts for planning and designing the development of a statewide system of paved non-motorized trails as a component of the Florida Greenways and Trails System (FGTS), which is planned by the Florida Department of Environmental Protection (FDEP). GPI secured the aerial LiDAR utilizing our fixed-wing aircraft equipped with a Riegl LMS-Q680i scanner and our Vexcel Eagle 100 digital camera for the imagery.

I-95 Interchange at Pioneer Trail PD&E Study, Volusia County, FL. *Florida Department of Transportation District 5* –GPI provided a 3D design survey of the 7 mile project corridor utilizing a combination of aerial imagery and mobile LiDAR data. The topographic survey data was used to support the efforts for planning and designing a proposed interchange along I-95 and Pioneer Trail between SR 421/Dunlawton Avenue and SR 44/Lytle Avenue. GPI secured terrestrial mobile LiDAR data (TML) using our Riegl VMX-450 Laser Scanning System the aerial ortho imagery utilizing our fixed-wing aircraft equipped our Vexcel Eagle 100 digital camera. Visible topographic features were extracted from the mobile LiDAR point cloud, and photogrammetric imagery..

Midway Rd. CR 712 from Glades Cut off Road to Selvitz Road St. Lucie County, FL, Florida Department of Transportation – District 4 – GPI secured aerial photography of the 2 miles of the Florida Turnpike within the 5.78 mile corridor utilizing our precision aerial mapping camera mounted on a helicopter platform. Photography for digital imagery for the entire corridor was also secured to provide geo-referenced imagery. GPI was also responsible for merging the aerial data with field survey data of the remainder of the alignment.

Wayne Webb, P.E.
Vice President/Principal Engineer

EDUCATION:

MPH research Studies, University of the West Indies, 1985-1988

B.S.C.E., University of the West Indies, 1984

CERTIFICATIONS / REGISTRATIONS:

- *Registered professional Engineer, State of Florida, 56701*

AFFILIATIONS:

- *Florida Engineering Society*
- *Broward County Building Official Association*

Mr. Wayne Webb currently serves as the Vice President and Principal Engineer of Absolute Civil Engineering Consulting, LLC. Since the inception of his career in Florida 26 years ago, Mr. Webb has spent the last two decades successfully managing a variety of geotechnical, environmental, and structural engineering and testing contracts within the State of Florida. His focus has been providing Soil Exploration, Foundation Studies, Construction Materials Testing, Construction Engineering Inspection services for a wide range of projects such as schools, ports, hotels, office buildings, parking structures, large mixed-use developments, and transportation projects. Mr. Webb is has been performing work that includes the acquisition and reporting of subsurface material, hydrological, and environmental information to be used for the planning, design, construction, and performance of transportation facilities.

Mr. Webb routinely performs Standard Foundation Studies which includes producing reports which select the type (shallow foundations, piles, and redundant drilled shafts) and depth of foundation for bridges and other structures supplying he lateral, tensile and bearing capacities and the predicted settlement of the selected foundation. Mr. Webb is experienced in slope stability analysis, surcharge or stage construction time schedules for construction over soft ground, pile load tests, soil treatment, stabilization and direction of field instrumentation installation, including the interpretation of data obtained and other foundation studies using the applicable Department Standard Specifications for Road and Bridge Construction, and Federal Highway Administration guidelines and checklist.

Mr. Webb is also proficient in performing and implementing Soil Exploration Programs. This work typically includes acquisition and reporting of subsurface material, hydrological, and environmental information to be used for planning, design, construction and performance of transportation facilities. His skills include on-site investigations using soil borings, Standard Penetration Tests, Cone Penetration tests and rock coring. He has worked in a geotechnical laboratory in a college setting and is familiar with the use of specialized test equipment such as the field vane, pressure-meter, dilatometer, tri-axial testing and consolidation test equipment to name a few. His skills in the science of field classification of material and the accurate description of soil and rock samples are outstanding.

WAYNE WEBB, PE -GEOTECHNICAL ENGINEERING REPRESENTATIVE PROJECT EXPERIENCE:

E6K60 Canal 102 Project: Catwalk/Access Structure
Year 2017- 2018 **Total ECS contract value:** $1.8 M
Wayne Webb, PE served as Consulting Engineer on behalf of Engineer Control System, Corp performing Geotechnical Investigation, Consulting Engineering and Structural Design Verification Services on the structural integrity of the four (4) installed 24x24 inch precast piles (the subject piles) for the catwalk/access structure to the east of Krome Avenue in Homestead Florida. All work was performed in accordance with the appropriate FDOT specification and approved plans for the site.

I-75 Segment C, CEI Services for SR 93/1-75 Managed Lanes from s/o of Miramar Parkway, FDOT Project No. 421707-4-62-01
Year: 4/2016- 9/2017 **Total ACES contract value:** $ 200,000.00 Plus
CEI/ACES Team Manager: Duties include coordinating with project members and providing ACES personnel to:

- Review and verify Geotechnical data, pile load testing and foundation Studies regarding the installation and testing of the pile foundation system for the bridges as well as verification related to Concrete Material Testing. All work was performed in accordance with the appropriate local, FDOT, federal, and state standards.
- Ensure that work conforms to the plans and specifications of the contract and in accordance with policy requirements.
- Monitor the Contractor Quality Control Program.

Greenway Bridges, Miami-Dade County Florida Project No. 41833315801
Year: 2012- November 2014 **Total Project Contract Value:** $1,000,000.00
Wayne Webb, PE served as verification Project Engineer performing verification testing and CEI on the steel bridge, concrete bridge deck, asphalt paved areas and pile foundation system for two pedestrian bridges in south Miami Dade county for the Miami Dade Park, Recreation and Open Spaces Department. The project is founded by the FDOT. Mr. Webb's duties also include reviewing and verifying Geotechnical data, pile load testing and foundation Studies regarding the installation and testing of the pile foundation system as well as verification related to Concrete Material Testing and Thermoplastic Pavement Marking Inspections. All work was performed in accordance with the appropriate local, FDOT, federal, and state standards.

South Miami Avenue from SW 25 RD to SW 21 RD and other similar Miami-Dade County Public Works Department (MDPWD) projects **Year:** 2002 to 2014 **Total contract value:** $100,000.00 Plus
Wayne Webb, PE served as Project Engineer providing three (3) percolation tests and three (3) soil borings tests in conformity to the requirements of the SFWMD "Usual Open-Hole Test" and the soil borings as per specification of the Standard Penetration test ASTM D-1586 for a Drainaige Improvement project located on South Miami Avenue from SW 25 RD to SW 21 RD. Geotechnical Engineering including drilling with a truck-mounted drill rig, provided project management of drilling, sampling and laboratory test operations and interpreting field data to provide site preparation and engineering recommendations.

Communication Poles/Towers: Geotechnical Investigation, Foundation Studies & Foundation Modification Studies Continuing Contract for Caltrop Corp in Florida **Year:** 2011 to November 2014 **Total ACES contract value:** $100,000.00
Wayne Webb, PE served as Geotechnical Engineer performing various Geotechnical Investigation, Foundation Studies, Consulting Engineering and Foundation Modification Design Services for the design, construction, modification and reconfiguration of several communication poles/towers in the South Florida. The work includes the performance of multiple Geotechnical Investigations and Foundation Modification Studies on several sites for the installation of telecommunication poles/towers and modifications to existing towers throughout Orange County, St. Lucie County, Palm Beach County, Broward County, Miami-Dade County and Monroe County. Mr. Webb is responsible for providing written report including a description of the site, fieldwork, laboratory testing and general soil conditions encountered, as well as a Boring Location Plan, and individual Boring Records, site preparation considerations that include geotechnical discussions regarding site stripping and subgrade preparation, and engineered fill/backfill placement (where required), The field measured groundwater level, foundation system recommendations for the structure, including allowable foundation capacity, recommended bearing depth(s) for piles if recommended, and installation considerations, recommended quality control measures (i.e. sampling, testing, and inspection requirements) for site grading and foundation construction, suitability of on-site soils for re-use as structural fill and backfill.

CEI services I 595 expansion for Dragados, Broward County, Florida
Year: 2009 to November 2011 **Total CEI Contract Value:** $280,000.00/Yr
As the Business Unit Manager and Qualifying Engineer in charge of the business unit operations Mr. Webb served as the Engineer in charge of CEI team working for NOVA Engineering and Environmental on behalf of Dragados on the I 595 expansion project. The scope of work for the project included conducting inspections and investigations of various highway materials and/or products, together with the proper recording, analysis, and reporting of results and recommendations. The work also included the CEI of conventional non-standard concrete box culverts, retaining walls, drill shafts, precast piles, sound barriers, structural supports for highway signs, luminaries, and traffic signals along with Minor and Major Bridge and Miscellaneous Structures CEI.

Broward County Neighborhood Improvement Projects for Craven Thompson and Associates
Year: 2011 to 2018 **Total ASETC contract value:** $ 100,000.00 Plus
Wayne Webb, PE served as Project Engineer performing Geotechnical Engineering Services to evaluate the permeability, soil bearing capabilities and foundation design parameters for various Broward County Neighborhood Improvement Projects for Craven Thompson & Associates. Mr. Webb provided written reports including a description of the site, fieldwork, laboratory testing and general soil conditions encountered, as well as providing Boring Location Plan, and individual Boring Records, site preparation considerations that include geotechnical discussions regarding site stripping and subgrade preparation, and engineered fill/backfill placement (where required). The field measured groundwater level, foundation system recommendations for the structure, including allowable foundation capacity, recommended bearing depth(s) for piles for minor bridge designs and pile installation considerations as well as recommending quality control measures (i.e. sampling, testing, and inspection requirements) for site grading and foundation construction, suitability of on-site soils for re-use as structural fill and backfill. Additionally, the criteria for suitable fill materials were provided.

ANDRES GARCIA, ULM
InfraMap Corp - West Palm Beach, Florida



EDUCATION
Palm Beach State College, Associates in Science

TRAINING
InfraMap Training Program for Utility Locating /Designating Certification/Instructor
ATSSA, Traffic Control Supervisor Certification, August, 2000
Confined Space Entry Training Program Certification (OSHA 1910.146)
FUCC Utility Coordination Discussion Seminar Regular Attendee
CSX Roadway Worker Protection Annual Certification

KEY QUALIFICATIONS - BIO
Mr. Garcia has performed utility locating assignments for InfraMap Corp in Florida, Virginia, Maryland, Georgia and Alabama since 1998. He currently is a Senior Utility Location Manager and is proficient with utility designating, performing test holes and utility CADD. Mr. Garcia's responsibilities include utility designation and test hole project management, attending utility scoping meetings, permitting, records research, traffic control supervision, field data collection and quality control. His duties also include vacuum excavation equipment maintenance as well as preserving FDOT Standards Compliance in each submittal.

Mr. Garcia has excelled as a survey party chief with experience in Total Station survey and data collector knowledge (electronic field book, TDS functions, and three wire bench runs and GPS/RTK on several designating and utility locating projects). His assistance in the survey EFB data collection compliance further adds to InfraMap's knowledge and experience.

PROJECT EXPERIENCE
Role for the following projects: Senior Utility Location Manager - obtains utility records and ROW permits, QA/QC, supervisory of field crews, meets with utility company locators and MOT set up.

Loxahatchee River and Environmental Control District, Palm Beach County, July 2014 – Feb 2015: Inframap has performed Utility Locating and Mapping Services in the Loxahatchee River District. Projects include the investigating of infrastructure conflicts for the design and planned improvements at Environmental Control River Oaks and Little Oaks Sewer System. Crews coordinated with survey parties from Compass Point. Other project phases included the Set-N-Sun Neighborhood Sewer System which Inframap also performed careful utility conflict investigations and completed projects well within the required deadlines, submitted the client requested submittals and scheduled with District personnel as needed. Sub consultant to Baxter Woodman, Inc. Reference: Mathews Consulting, Inc, Mr. Dave Mathews, P.E. (561) 655-6175

Belle Glade Water Service Replacement Zones 1, 2 West, 2 East, and 3 & 4 Palm Beach County, FL 2015: Inframap performed nearly one hundred and fifty test hole locations beginning in October of 2013 until mid-September 2015. All information retrieved is noted on each individual test hole reports of our submittal. Our crews maintained close coordination with Belle Glade Public Works Department, Director /City Engineer Marcos Montes de Oca for this Neighborhood Service Improvement Project. InfraMap was sub consultant to Keshavarz & Associates 711 N Dixie Highway #201, West Palm Beach, FL 33401 Reference: Mr. Amir Keshavarz (561) 689-8600

North County Neighborhood Improvement Projects (Multiple Phases) 2009 - 2015: Broward County Urban Redevelopment water main improvement projects entailed multiple phases of over five hundred test hole locations in the City of Oakland Park, BP-10. Other project phases included Broward County WWS UAZ Stirling Road water main improvement Task work orders providing subsurface utility locating and mapping. Data noted on each individual test hole report of our submittal. Inframap has performed careful utility conflic‘ investigations and completed projects well within anticipated deadlines as the sub consultant to Craver Thompson & Associates, Inc. Reference: Mr. Pat Gibney & Mr. Johnny Gil (954) 739-6400

Section 5: References

RFQ FORMS

RFQ Form 2: REFERENCES

Respondent: Craven, Thompson & Associates, Inc.

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

Give contact information for at least four individuals, corporations, agencies, or institutions for which you have performed work similar to what is proposed in this RFQ:

1. Name of Contact: Mr. Manga Ebbe, City of Hallandale Beach, Utilities & Engineering Dept.
   Title of Contact: Project Manager Email: mebbe@hallandalebeachfl.gov
   Telephone Number: (954) 457-3043 Fax Number: (954) 457-1624
   Project: NE 14th Avenue Streetscape Project, Hallandale Beach, Florida

2. Name of Contact: Mr. Salvador Zuniga, P.E., City of Miramar, Engineering/Support Services
   Title of Contact: Asst. City Engineer Email: sezuniga@miramarfl.gov
   Telephone Number: (954) 602-3323 Fax Number: (954) 602-3587
   Project: Miramar Historical Area Complete Streets Project - Phase II, Miramar, Florida

3. Name of Contact: Mr. Randall Seneff, Nova Southeastern University, Design & Construction
   Title of Contact: Executive Director Email: rseneff@nova.edu
   Telephone Number: (954) 262-8805 Fax Number: (954) 262-3900
   Project: SW 36th Street, Davie, Florida

4. Name of Contact: Ms. Laura Le, P.E., City of West Palm Beach, Dept. of Engineering Services
   Title of Contact: Public Works Eng. Email: lle@wpb.org
   Telephone Number: (561) 494-1093 Fax Number: Unknown
   Project: Washington Road Basis of Design Review (BODR), West Palm Beach, Florida

Section 6: Insurance

INSURANCE

The firm of Craven, Thompson & Associates, Inc. commits to, and will continue to obtain and provide insurance that meets the requirements specified in the Professional Services Contract (Exhibit 6).

CRAVTHO-01 ANERVI

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 12/5/2019

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

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

PRODUCER	CONTACT NAME:	
Corporate Insurance Advisors, LLC 1401 E. Broward Blvd. Suite 103 Fort Lauderdale, FL 33301	PHONE (A/C, No, Ext): (954) 315-6000	FAX (A/C, No): (954) 315-6050
	E-MAIL ADDRESS: service@ciafl.net	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : Hartford Casualty Insurance Company	29424
INSURED	INSURER B : Hartford Property & Casualty	34690
Craven Thompson & Associates, Inc. 3563 NW 53rd Street Fort Lauderdale, FL 33309	INSURER C : Continental Casualty Co.	20443
	INSURER D :	
	INSURER E :	
	INSURER F :	

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

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR			21UUNZP1607	12/1/2019	12/1/2020	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
	X Contractual Liab						MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
B	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS			21UENHF3705	12/1/2019	12/1/2020	BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR						EACH OCCURRENCE	$ 6,000,000
	EXCESS LIAB CLAIMS-MADE			21XHUZP1253	12/1/2019	12/1/2020	AGGREGATE	$ 6,000,000
	DED X RETENTION $ 10,000							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N	N/A		21WBAC2DHE	1/1/2020	1/1/2021	E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
C	Professional Liability			AEH59198336	3/30/2019	3/30/2020	See Remarks Below	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Professional Liability including Pollution Incident Liability
$3,000,000 Each Claim/$4,000,000 Aggregate
$35,000 Deductible

CERTIFICATE HOLDER	CANCELLATION
For Proposals Purposes Only	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 Mark Schwartz

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Section 7: Professional Services Contract

EXCEPTIONS TO CONTRACT

The firm of Craven, Thompson & Associates, Inc. does not have any Exceptions to the Town of Lauderdale-by-the-Sea's Professional Services Agreement included in RFQ 20-01-01 as Exhibit 6.

Section 8: Additional Forms

RFQ FORM 3: RESPONDENT'S CERTIFICATION

Respondent: Craven, Thompson & Associates, Inc.

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

The undersigned guarantees the truth and accuracy of all statements and the answers contained herein.

I have carefully examined the Request for Qualifications referenced above ("RFQ") and any other documents accompanying or made a part of this RFQ.

I hereby propose to furnish the goods or services specified in the RFQ. I agree that my response will remain firm for a period of 150 days in order to allow the TOWN adequate time to evaluate the responses.

I certify that all information contained in this response, which includes the TOWN required RFQ forms A, B, C, D and E is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

Respondent hereby authorizes the TOWN, its staff or consultants, to contact any of the references provided in the response and specifically authorizes such references to release, either orally or in writing, any appropriate data with respect to the firm offering this response.

I further certify, under oath, that this response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a response for the same product or service; no officer, employee or agent of the TOWN or any other proposer has a financial interest in said response; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters herein contained and was duly authorized to do so.

If this response is selected, I understand that I will be expected to execute the TOWN's standard Professional Services contract, in the form approved by the Town Attorney.

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes 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, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017 Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the

convicted vendor list. I further certify, under oath, that neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholder, employees, members or agents active in the management of the entity has been convicted of a public entity crime subsequent to July 1, 1989.

Craven, Thompson & Associates, Inc.

Name of Business

By: _____

Signature

Patrick J. Gibney, P.E., Vice President, Engineering

Print Name and Title

3563 NW 53rd Street

Fort Lauderdale, Florida 33309

Mailing Address

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 4: SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A). FLORIDA STATUTES ON PUBLIC ENTITY CRIME

TO BE VALID, THIS FORM SHALL BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted to The Town Commission of the Town of Lauderdale-By-The-Sea, Florida by: Patrick J. Gibney, P.E., Vice President, Engineering
(print this individual's name and title)

for Craven, Thompson & Associates, Inc.
(print name of entity submitting sworn statements)

Whose business address is: 3563 NW 53rd Street
Fort Lauderdale, Florida 33309

And, if applicable, whose Federal Employer Identification Number (FEIN) is 59-0948029. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____-___-_____.

2. I understand that a "public entity crime" as defined in paragraph 287.133(1)(a}, Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transactions of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a Jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:

    1. A predecessor or successor of a person convicted of public entity crime; or

    2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement,

RFQ FORMS

shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in a relation to the entity submitting this sworn statement. (Please indicate which statement applies).

✓ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or any affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months. AND (Please indicate which additional statement applies).

_____ There has been a proceeding concerning the conviction before a hearing officer in the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order).

_____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list (Please attach a copy of the final order).

_____ The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Florida Department of General Services).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THE PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED AND FOR THE PERIOD OF THE CONTRACT ENTERED INTO, WHICHEVER PERIOD IS LONGER. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

Date: February 3, 2020

(Signature) Patrick J. Gibney, P.E.
Vice President, Engineering

STATE OF FLORIDA
COUNTY OF: Broward

Sworn and subscribed before me this 3rd day of February, 20 20

by Patrick J. Gibney, P.E. who is Personally known to me Or

who produced identification _____
(Type of Identification)

Patricia A. Gilbert
(Signature) Notary Public-State of Florida

PATRICIA A. GILBERT
(Printed, typed or stamped commissioned name of notary public)

My commission expires 3/23/2022 (SEAL)

PATRICIA A. GILBERT
MY COMMISSION EXPIRES
MARCH 23, 2022
#GG 163331
Notary Public Underwriters
Bonded thru
NOTARY PUBLIC, STATE OF FLORIDA

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 5: NO FINANCIAL INTEREST STATEMENT

The undersigned guarantees the truth and accuracy of this statement.

The Respondent recognizes and certifies that no elected official, board member, or employee of the Town of Lauderdale-By-The-Sea (the "Town") shall have a financial interest directly or indirectly in this RFQ, related contract, if any, or any compensation to be paid under or through these matters, and further, that no Town employee, nor any elected or appointed officer (including Town board members) of the TOWN, nor any spouse, parent or child of such employee or elected or appointed officer of the TOWN, may be a partner, officer, director or proprietor of Respondent, and further, that no such TOWN employee or elected or appointed officer shall be employed by the firm or receive any compensation from the firm for a period of at least twelve (12) months after leaving the employ or agency of the TOWN.

Craven, Thompson & Associates, Inc.

Name of Business

By: _____

Signature

Patrick J. Gibney, P.E., Vice President, Engineering

Print Name and Title

3563 NW 53rd Street

Fort Lauderdale, Florida 33309

Mailing Address

Addendum No. 1

To RFQ 20-01-01

El Mar Drive Design

Date of Issuance: January 14, 2020

Proposers are hereby notified that this Addendum No.1 shall be attached to and made part of the above named Request for Qualifications 20-01-01 ("RFQ") issued on January 6, 2020.

This Addendum No. 1 is issued to add to, delete from, modify, clarify and/or amend the RFQ. The items contained in this Addendum No. 1 shall have full force and effect as part of the RFQ and shall prevail to the extent of any conflict with the original RFQ. Proposals to be submitted on or before the specified due date shall conform to the additions and revisions contained herein.

The Proposer shall acknowledge receipt of this Addendum No. 1 by including a signed copy of this form in each Proposal. This Addendum No. 1 consists of two (2) pages.

***

3. "Description of Work" of the RFQ is hereby amended to include the following language:

A. GENERAL INFORMATION ABOUT THE TOWN'S PROJECT

***

El Mar Drive is a signature street in the heart of LBTS. El Mar extends both north and south out of the downtown core of LBTS. El Mar is vital to the tourism industry in the Town.

This El Mar revitalization project needs to address the functional needs of the vehicular, pedestrian and bicycle traffic that utilizes this beachfront roadway. This Project should also address the beautification of El Mar, including landscape/irrigation, lighting and hardscape improvements to the roadway corridor.

Respondents to this RFQ will be expected to conduct community outreach meetings to build consensus among the adjacent hotel owners, the residents and the business community for the ultimate design of the El Mar Drive improvements. The respondents to this RFQ must show in their response package a minimum of 15 years of similar roadway and streetscape improvement projects and a corresponding 15 years of experience with community consensus building on similar type projects.

6. "MINIMUM REQUIRED EXPERIENCE & QUALIFICATIONS" shall be amended to read as follows:

***

General Requirements

***

C. Have at least fifteen (15) years of experience in providing engineering services to local governments. Have a minimum of 15 years of similar roadway and streetscape improvement projects and a corresponding 15 years of experience with community consensus building on similar type projects

D. The person proposed to be assigned to manage the TOWN contract shall be a registered professional engineer or professional landscape architect with the State of Florida and shall provide his or her license number in the response.

Signature

February 3, 2020
Date

Patrick J. Gibney, P.E.
Name

Vice President, Engineering
Title





El Mar Drive Design

RFQ No. 20-01-01



Kimley»Horn

RSRD26001.20

Address:

Kimley-Horn and Associates, Inc.

600 North Pine Island Road, Suite 450
Plantation, FL 33324

Phone:

954.535.5100

Contact Person:

Stefano Viola, P.E.

Project Manager

Date:

February 3, 2020

RFQ No. 20-01-01
El Mar Drive Design

595

Kimley»Horn

February 3, 2020

Town of Lauderdale-By-The-Sea
Town Hall
4501 N. Ocean Drive
Lauderdale-By-The-Sea, FL 33308

RE: El Mar Drive Design; RFQ No. 20-01-01

Dear Members of the Selection Committee:

Kimley-Horn is pleased to submit this response for the El Mar Drive Design project outlined in your RFQ. The firm is licensed and certified to do business in the State of Florida as cited in Section 4 where we have included our Florida Corporate Certificate and professional licenses. We have selected a talented and experienced group of professionals who understand the Town's needs to serve you. We are one of the largest planning, civil engineering, and landscape architecture firms in South Florida. In fact, we offer 73 talented professional staff in our Fort Lauderdale office alone. For this contract, we have teamed with **Stoner & Associates, Inc.**, who has performed land surveys for most municipalities, numerous governmental agencies, and private clients within the Tri-County Area. In addition, **TSF** will serve on our team offering extensive local knowledge and expertise providing geotechnical services in South Florida.

Response Contact/Project Manager

Contact: Stefano Viola, P.E., Project Manager

Email: stefano.viola@kimley-horn.com

Phone: 954.535.5100

Contract Administrator

Contact: Gary Ratay, P.E., Vice President

Email: gary.ratay@kimley-horn.com

Phone: 954.535.5100

Kimley-Horn has led many award-winning streetscape projects in Florida and throughout the state including Las Olas Boulevard Corridor Improvements and SR A1A Streetscape (Fort Lauderdale), Palmetto Park Road and Downtown Boca Raton Pedestrian Promenade, Federal Highway Complete Street Enhancements (Delray Beach), Boynton Beach Boulevard Extension Complete Streets Design, and Barton Boulevard Complete Streets Design (Rockledge).

This team offers you the personal commitment and demonstrated experience of our professionals and feel our multidisciplinary project team can serve you better than any other team for the following reasons:

Proven Service to South Florida Municipalities. For many years, our team has served as a consultant to the local municipalities, providing surveying, geotechnical engineering, civil engineering, landscape architecture, traffic engineering, planning, and construction phase services on projects such as Martin Luther King Jr. Boulevard Improvements and Downtown Connectivity; Old Pompano Area Downtown Connectivity; Pompano Beach Boulevard Streetscape; East Transit Oriented Corridor (ETOC) Traffic Study; and Atlantic Boulevard Bridge Decorative Sails and Lighting. Through our years of service, Kimley-Horn has proven staff responsiveness, attention to detail, and dedication to project success.

Seasoned Project Manager. I have been serving local community clients for more than 13 years and have a passion for municipal projects. I have partnered with our landscape architects and planners to lead multiple streetscape and park improvement projects throughout Broward and Dade Counties. I have worked on several similar projects in the Tri-County area including the City of Miramar's Historic Downtown Revitalization project. This streetscape project along Miramar Parkway includes drainage, landscaping and roadway improvements to help stimulate development within the historic downtown area.

Kimley»Horn

Dedicated Project Team. For this effort, I have assembled a local team that truly understands the Town, Florida Statutes, and other governmental agencies, as well as the role we will serve in the success of Lauderdale-By-The-Sea's growth and vitality. Kimley-Horn takes pride in presenting our best staff to you. We recognize that our obligation to provide you with quality results requires an accessible, local office, and experts in multiple disciplines.

Local Team, Local Resources. Our Fort Lauderdale office is located 30 minutes away from the Town of Lauderdale-By-The-Sea's offices and project sites. We are readily available to attend project meetings, make site visits, or perform other activities to advance and complete the work as needed. In addition, our subconsultants are both located in South Florida and can be available within a moment's notice. Partnering with Kimley-Horn are **Stoner & Associates, Inc.** and **TSF** to round out our team providing surveying and geotechnical engineering services.

Unsurpassed Knowledge. *Kimley-Horn is the recognized Complete Streets leader in South Florida.* We led the development of the Broward MPO, Miami-Dade TPO and Palm Beach TPA's Complete Streets Design Guidelines. Furthermore, we also serve as a consultant to FDOT District Four on pedestrian, bike, and Complete Streets issues. We have served multiple Florida municipalities and Community Redevelopment Agencies with their streetscape projects. Additionally, our team is well known for taking projects from their initial vision and renderings through final construction, all while meeting community goals for aesthetics and functionality.

Benefits of Selecting Kimley-Horn. By selecting our team for the design of El Mar Drive, the Town will benefit from:

- A proven project manager dedicated to client service and the Town's success
- Experienced local team assembled specifically for this project with similar experience on roadway design projects
- Full range of consulting engineering, surveying, landscape architecture, and environmental services
- Depth of knowledge in permitting projects in Broward County and with FDOT
- A focus on value and stewardship of your project budgets
- Proven success in obtaining buy-in from residents at community involvement meetings
- A local team that can quickly adapt to changing conditions during design

Summary. Our goal is to provide the Town of Lauderdale-By-The-Sea with technical excellence delivered in a professional, timely, and economical manner. Kimley-Horn welcomes the opportunity to further discuss the services we offer and how we may serve you on these projects.

Sincerely,

KIMLEY-HORN

Stefano Viola, P.E.
Project Manager

Gary Ratay, P.E.
Vice President

Kimley-Horn and Associates, Inc. is licensed and certified to do business in the State of Florida as evidenced in copies of our Corporate Certifications and professional licenses included in Section 4 of this submittal.





El Mar Drive Design

RFQ No. 20-01-01

Section	Page
1 - Title Page	1
2 - Letter of Transmittal	2
3 - Table of Contents	4
4 - Organization Profile, Qualifications and Experience	5
5 - References	56
6 - Insurance	57
7 - Professional Services Contract	58
8 - Additional Forms	60

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH YOUR RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 1: QUALIFICATIONS STATEMENT

Proposer: Kimley-Horn and Associates, Inc.

1. State the full and correct name of the partnership, corporation or trade name under which you do business and the address of the place of business. (If a corporation, state the name of the president and secretary. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.)
   a. The correct and full legal name of the Respondent is: Kimley-Horn and Associates, Inc.
   b. The business is a (Sole Proprietorship) (Partnership) (Corporation).
   c. The names of the corporate officers, or partners, or individuals doing business under a trade name, are as follows: See attached.

2. Please describe your company in detail:
   a. Number of employees;4,201 employees
   b. Number of years your organization been in business; and, Founded in 1967, 53 years
   c. The organization's specialty.

Kimley-Horn is a +4,000-employee firm with more than 85 offices nationwide. Kimley-Horn provides planning and design consulting services related to transportation, aviation, the environment, land development, transit, urban planning, landscape architecture, and water resources.

3. The contact information (address, telephone and fax) of the principal place of business:
   421 Fayetteville Street, Suite 600, Raleigh, NC 27601; P: 919.677.2000; F: 919.677.2050

4. The contact information (address, telephone and fax) of the closest business location to TOWN if different than number 3:
   600 North Pine Island Road, Suite 450, Plantation, FL 33324; P: 954.535.5100; F: 561.863.8175

5. Name and title of employees to be assigned to the Town contract, if awarded: Stefano Viola/PM; Marwan Mufleh/Principal; Stewart Robertson/QAQC; Jonathan Haigh/LA; Tricia Richter/LA; Kristen Alexa/Analyst; Nicole Pastre/LA; Jason Webber/Engineer; Artem Strunnikov/Engineer; Tiffany Stanton/Engineer; Ali Brighton/Engineer; Lisa Juan/Analyst; John McWilliams/ Engineer; Ravi Wijesundera/Engineer; Tom Whalen/Designer; Gary Ratay/Engineer; Marissa Maring/Engineer; Anabella Levine/ Analyst; Carlos Florian/Engineer; Keishla Vallejo/Analyst; Matt Fursetzer/Engineer; Nick Clavelo/Engineer; Jordan Leep/Engineer; Dorian Johnson/Engineer; Luis Guerra/Inspector; Josh Horning/Engineer; Kevin Schanen/Engineer; Barton Fye/Engineer

6. Company identification numbers for the Internal Revenue Service:56-0885615

7. Broward County business tax receipt number, if applicable, and expiration date:
   Receipt #: 377-13600 / Expiration: September 30, 2020

8. List the last three project of this nature that the firm has completed? Please provide project description, reference and cost of work completed.
   See attached.

9. Have you ever failed to complete any work awarded to you? If so, where and why? No.

RFQ FORMS

10. Provide the following information concerning all contracts that are similar in nature or use the same project team proposed for this contract that are ***in progress*** as of the date of submission of this Response.

Name of Project	Contract with:	Contract Amount	Estimated Completion Date	% of Completion to Date
McNab Rd Improvements	City of Pompano Beach	$399,280	June 2022	30%
Miramar Pkwy 64th to 68th Ave	City of Miramar	$137,265	February 2020	95%
NE 33rd Street	City of Pompano Beach	$149,280	June 2021	30%

(Continue list as necessary)

Provide the following information for any sub-contractors you propose to engage if awarded a contract.

Subcontractor Name	Contact Information	Work to be Performed
Stoner & Associates, Inc.	James Stoner, PSM	Surveying
TSF (Tierra South Florida, Inc.)	Kumar Vedula	Geotechnical

The foregoing list of subcontractors may not be amended after award of the contract without the prior written approval of the Town Manager, whose approval shall not be unreasonably withheld.

Kimley-Horn and Associates, Inc. Principal Officers and Directors

PRINCIPAL OFFICERS:

Names/Titles	Business Address	Phone Number
John C. Atz, Chairman	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561.845.0665
Steven E. Lefton, CEO, President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703.674.1300
Tammy L. Flanagan, Vice President, CFO	421 Fayetteville Street, Suite 600, Raleigh, NC 27601	919.677.2000
Richard N. Cook, Senior Vice President, Secretary	421 Fayetteville Street, Suite 600, Raleigh, NC 27601	919.677.2000
David L. McEntee, Vice President, Treasurer	421 Fayetteville Street, Suite 600, Raleigh, NC 27601	919.677.2000

DIRECTORS:

Names/Titles	Business Address	Phone Number
John C. Atz, Chairman	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561.845.0665
Barry L. Barber, Executive Vice President	421 Fayetteville Street, Suite 600, Raleigh, NC 27601	919.677.2000
Stephen W. Blakley, Senior Vice President	200 South Tryon Street, Suite 200, Charlotte, NC 28202	704.333.5131
Paul B. Danielson, Senior Vice President	767 Eustis Street, Suite 100, Saint Paul, MN 55114	651.645.4197
William E. Dvorak, Jr. Senior Vice President	111 West Jackson Boulevard, Suite 1320, Chicago, IL 60604	312.726.9445
David S. Goldman, Vice President	12740 Gran Bay Parkway West, Suite 2350, Jacksonville, FL 32258	904.828.3900
James R. Hall, Senior Vice President	13455 Noel Road, Suite 700, Dallas, TX 75240	972.239.3820
Steven E. Lefton, CEO, President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703.674.1300
Emmeline F. Montanye, Senior Vice President	817 West Peachtree Street, NW, Suite 601, Atlanta, GA 30308	404.419.8700
Brent H. Mutti Senior Vice President	7740 N 16th Street, Suite 300, Phoenix, AZ 85020	602.944.5500
Brooks H. Peed, Chairman Emeritus	445 24th Street, Suite 200, Vero Beach, FL 32960	772.794.4100
Michael G. Schiller, Senior Vice President	7740 N 16th Street, Suite 300, Phoenix, AZ 85020	602.944.5500
G. Bradbury Tribble, Senior Vice President	2201 West Royal Lane, Suite 275, Irving, TX 75063	214.420.5600

Ownership: Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc., which is wholly owned by APHC, Inc., which is owned by over 500 Kimley-Horn employees, none of which own 5% or more of the outstanding shares.

8. List the last three project of this nature that the firm has completed? Please provide project description, reference and cost of work completed.

Miramar Parkway Historic Downtown Revitalization

The Historic Downtown Revitalization is a streetscape project on Miramar Parkway between SW 68th Avenue to SW 69th Way within the City of Miramar. The project improvements include landscaping, sidewalks, street lighting, ADA improvements at the intersections, and a mid-block pedestrian crossing. Additionally, SW 69th Way had minor flooding issues which were addressed during this project.

Reference: Alex Shershevsky, ashershevsky@miramarfl.gov, 954.602.3315
Cost: $1,330,000

Las Olas Boulevard

Kimley-Horn served as lead engineering consultant for site civil design, roadway design, permitting coordination, stormwater, utility, and franchise utility coordination services for this multi-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consisted of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage, active park and plaza areas, and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area.

Reference: Thomas Green, Tgreen@fortlauderdale.gov, 954.828.4008
Cost: $772,755

Clematis Street

Kimley-Horn provided landscape architecture and civil engineering services. The design features a paver-covered, curbless street with narrowed travel lanes, premium paver sidewalks, permeable paver parking spaces, custom-designed seating areas, and a landscape featuring large Live Oaks to provide significant shade for pedestrians. Also included the City's first implementation of suspended pavement systems, which, in combination with Structural Soil, will provide a significant root zone space for the Live Oaks to thrive. Kimley-Horn provided engineering services for the relocation of a water line as well as providing an improved drainage solution, unique to the curbless street.

Reference: Erik Ferguson, P.E., eferguson@wpb.org, 561.494.1092
Cost: $292,169

4. Organization Profile, Qualifications and Experience

Relevant Experience

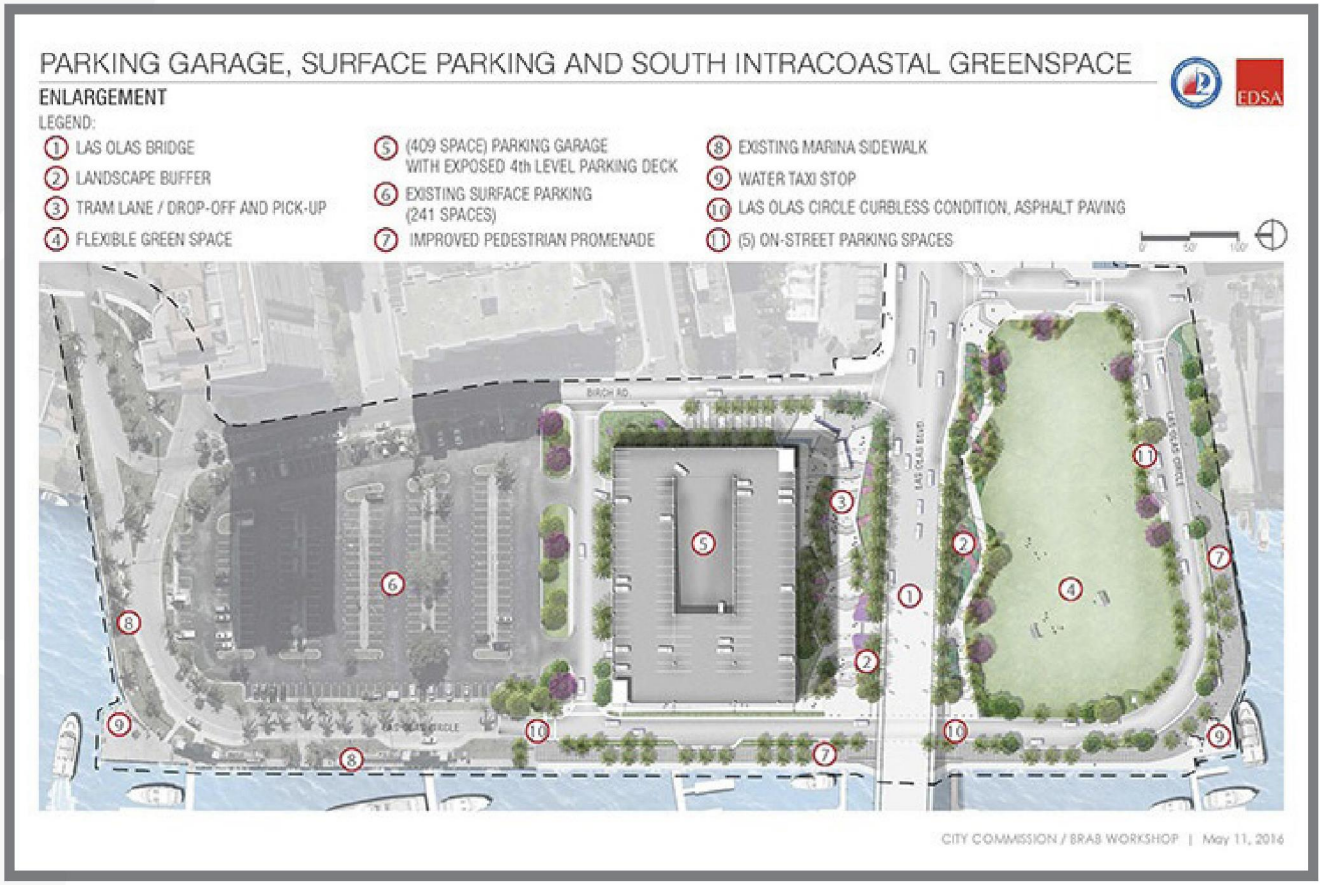
Las Olas Boulevard Corridor Safety Improvements, Fort Lauderdale, FL

Kimley-Horn served as lead engineering consultant for site civil design, roadway design, permitting coordination, stormwater, utility, and franchise utility coordination services for this multi-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consisted of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage, active park and plaza areas, and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area. Las Olas Boulevard was improved to provide a Complete Streets design to better connect the shops, restaurants, and other businesses with the new Oceanside Plaza on the south side of the road. Oceanside Plaza is being designed to be used for festivals, concerts, and children's play areas and includes a porte cocher drop-off.

Personnel: Marwan Mufleh, P.E.; Jason Webber, P.E.; Ali Brighton, P.E.; Tricia Richter, PLA; Marissa Maring, P.E.

Project Duration: 2015 – 2017

Contact: Thomas Green, Tgreen@fortlauderdale.gov, 954.828.4008



Miramar Parkway Downtown Revitalization, Miramar, FL

Kimley-Horn, as part of our on-call services contract with the City of Miramar, provided project management, civil design, landscape architecture, street lighting, traffic engineering and construction phase services for the Historic Downtown Revitalization streetscape project on Miramar Parkway between SW 68th Avenue to SW 69th Way within the City. Miramar Parkway is a County

maintained roadway and the improvements were partially funded by a Broward County grant. The project improvements consisted of bicycle lanes, landscape improvements, decorative street lighting, sidewalks, stamped concrete/hardscape improvements within the medians, decorative stamped asphalt within the crosswalks, signing and marking, ADA improvements at the intersections and a mid-block pedestrian crossing. Along with drainage improvements on SW 69th Way to alleviate ponding in the area. The project is currently in construction and scheduled to be completed by the end of 2018.

Personnel: Stefano Viola, P.E.; Gary Ratay, P.E.; Jonathan Haigh, PLA; Tricia Richter, PLA, Marissa Maring, P.E.; Tiffany Stanton, P.E.; Keishla Vallejo, E.I.

Project Duration: 2016 - 2018

Contact: Alex Shershevsky, ashershevsky@miramarfl.gov, 954.602.3315

Clematis Street, West Palm Beach, FL

Kimley-Horn provided landscape architecture and civil engineering services as part of the team designing improvements to the 300 block of Clematis Street in downtown West Palm Beach. After several public input meetings with Clematis Street merchants, stakeholders, residents, and visitors, the City Commission voted to implement recommendations from the design team to implement a transformative change to this destination street in downtown West Palm Beach. The design features a paver-covered, curbless street with narrowed travel lanes, premium paver sidewalks, permeable paver parking spaces, custom-designed seating areas, and a landscape featuring large Live Oaks to provide significant shade for pedestrians. Also included the City's first implementation of suspended pavement systems, which, in combination with Structural Soil, will provide a significant root zone space for the Live Oaks to thrive. Kimley-Horn provided engineering services for the relocation of a water line as well as providing an improved drainage solution, unique to the curbless street. The entire project was designed under an accelerated schedule that started in December and was required to be constructed before November of the following year.

Personnel: Jonathan Haigh, PLA; Tricia Richter, PLA, Marissa Maring, P.E.; Kevin Schanen, P.E.

Project Duration: 2017 - 2019

Contact: Erik Ferguson, P.E., eferguson@wpb.org, 561.494.1092





Boynton Beach Boulevard, Boynton Beach, FL

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

Personnel: Matt Fursetzer, P.E.; Marwan Mufleh, P.E.; Jonathan Haigh, PLA; Tricia Richter, PLA; Kristen Alexa

Project Duration: 2017 - Ongoing

Contact: Thuy Shut, ShuttT@bbfl.us, 561.600.9098

NW 64th Avenue, Sunrise, FL

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

Components of the project include:

- Milling and resurfacing of the roadway
- Re-striping of the roadway to add buffered bicycle lanes
- Redesign landscape with the medians to meet current limits of clear sight standards and design roadside landscape enhancements within the project right-of-way
- Irrigation design
- Design of pedestrian scale LED lighting
- Design of replacement of existing curb ramps, curbing or sidewalk that are broken or needing repair.
- Design for decorative crosswalk treatments
- Design to propose places for public art or gateway feature locations
- Design for adequate drainage in the roadway

The project is funded under FDOT's LAP program, so Kimley-Horn is providing LAP coordination assistance. The City anticipated a $2.5 million construction budget.

Personnel: Stefano Viola, P.E.; Matt Fursetzer, P.E.; Jonathan Haigh, PLA; Tom Whalen; Tricia Richter, PLA; Marissa Maring, P.E.; Tiffany Stanton, P.E.

Project Duration: 2016 - 2019

Contact: Meghan Kaufold, mkaufold@sunrisefl.gov, 954.888.6070

Las Olas Boulevard and Colee Hammock Neighborhood Improvements, Fort Lauderdale, FL

Kimley-Horn provided design services for Las Olas Boulevard Complete Streets improvements and traffic calming design for Colee Hammock neighborhood.



The City was interested in providing buffered bike lanes, opportunities for landscaping, and emphasizing pedestrian and bike mobility. Upon beginning the data collection and public involvement phase, an apparent need arose for a traffic calming study for the adjacent neighborhood to prevent cut through traffic and to direct traffic to a designated local street. Our traffic engineers collaborated with our Complete Streets design experts, urban designers, roadway design engineers, and City staff to investigate several alternatives, including designation of some streets as one-way pair to discourage cut through traffic throughout the neighborhood. This option was discounted in favor of more traffic calming measures. The project involved an extensive public outreach program and many meetings to develop consensus between home owner association representatives.

Personnel: Marwan Mufleh, P.E.; Ali Brighton, P.E.

Project Duration: 2015 - 2018

Contact: Elizabeth Van Zandt, elizabeth@ddaftl.org, 954.463.6574

Fern Street Streetscape and Complete Streets Design, West Palm Beach, FL

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

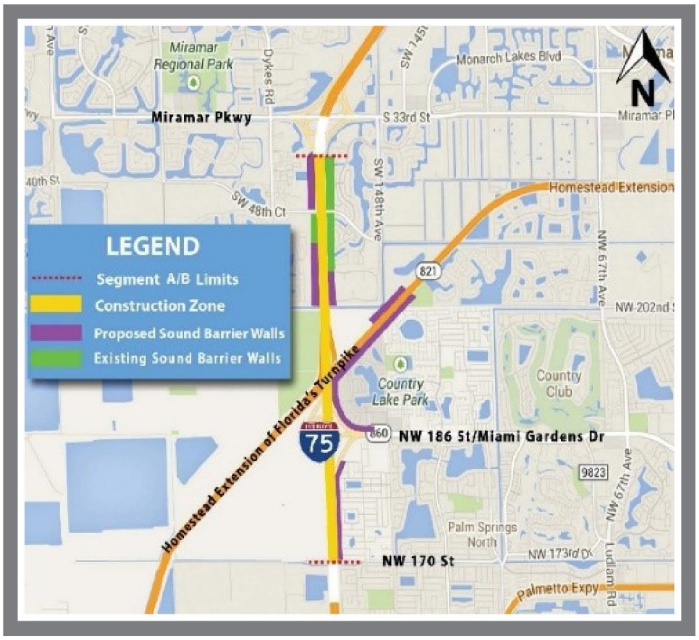
Personnel: Jonathan Haigh, PLA; Tricia Richter, PLA, Kevin Schanen, P.E.

Project Duration: 2014 - 2017

Contact: Khanh Uyen Dang, P.E., kudang@wpb.org, 561.494.1116

I-75 Express Lanes – Segment A/B From NW 170 Street to South of Miramar Parkway, Broward and Miami-Dade Counties, FL

TSF performed a geotechnical study for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. This corridor includes fourteen (14) bridge structures, several associated MSE Walls, about 20,000 linear feet of sound walls, Toll Gantries, CCTV poles, High Mast Light Poles, and Overhead Sign Structures. Provided pile design for bridges, and design parameters for sound walls, poles, and sign structures. Provided pile driving inspections and auger cast pile inspections for sound walls, and foundation certifications for bridges and sound walls.



The project was completed on time and within budget.

Client: WGI, Inc.

Project Duration: 2014-2019

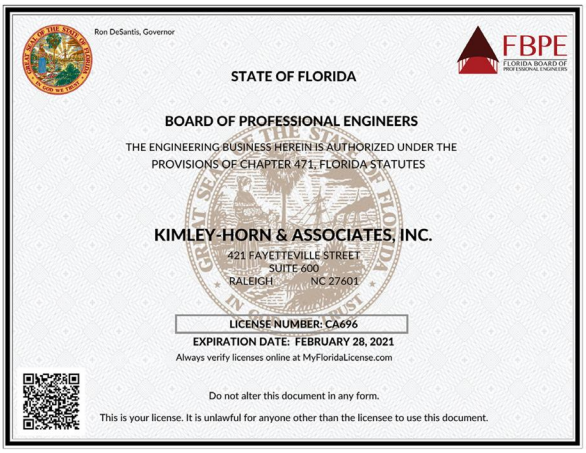
Contact: Keegan Larson, P.E, Keegan.Larson@WGInc.com, 561.687.2220



607

Professional Licenses and Registration

Kimley-Horn Firm Licenses



Ron DeSantis, Governor

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KIMLEY-HORN & ASSOCIATES, INC.
421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 27601

LICENSE NUMBER: CA696
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Halsey Beshears, Secretary
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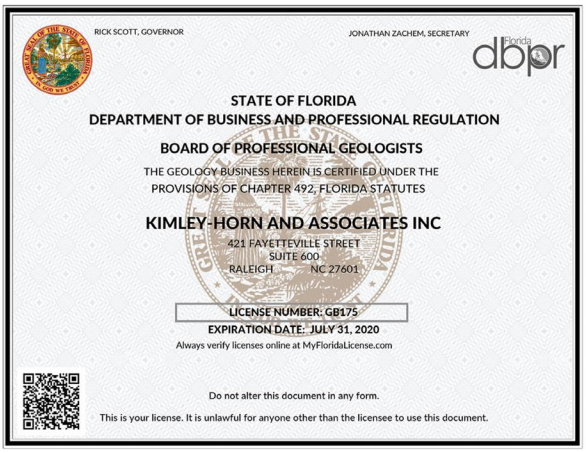
BOARD OF LANDSCAPE ARCHITECTURE

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

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

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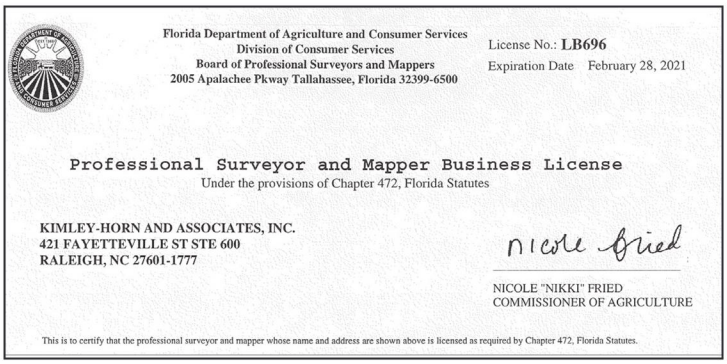
BOARD OF PROFESSIONAL GEOLOGISTS

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

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421 FAYETTEVILLE STREET
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RALEIGH NC 27601

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Expiration Date February 28, 2021

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

KIMLEY-HORN AND ASSOCIATES, INC.
421 FAYETTEVILLE ST STE 600
RALEIGH, NC 27601-1777

nicole fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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, 2019, that its most recent annual report/uniform business report was filed on April 27, 2019, 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 Ninth day of May, 2019

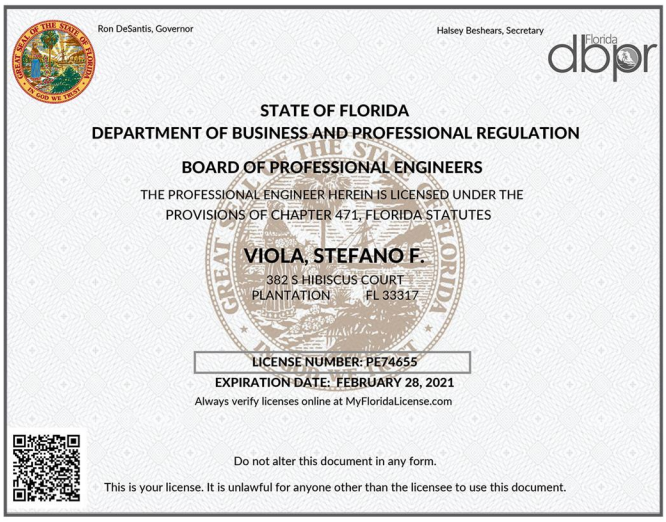
Secretary of State

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Kimely-Horn Individual Licenses



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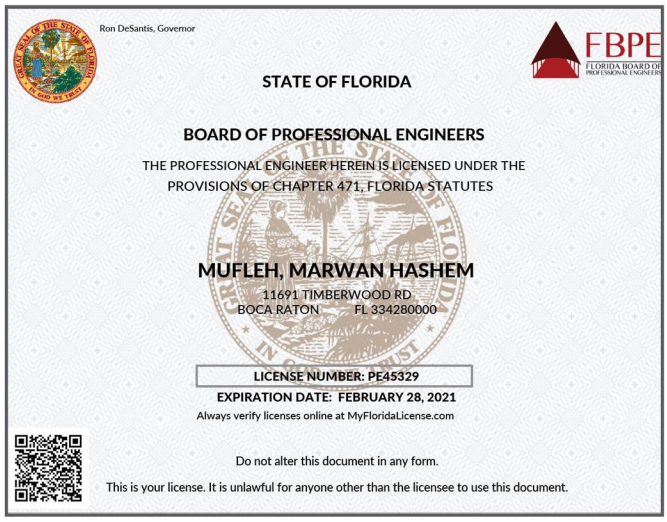
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382 S HIBISCUS COURT
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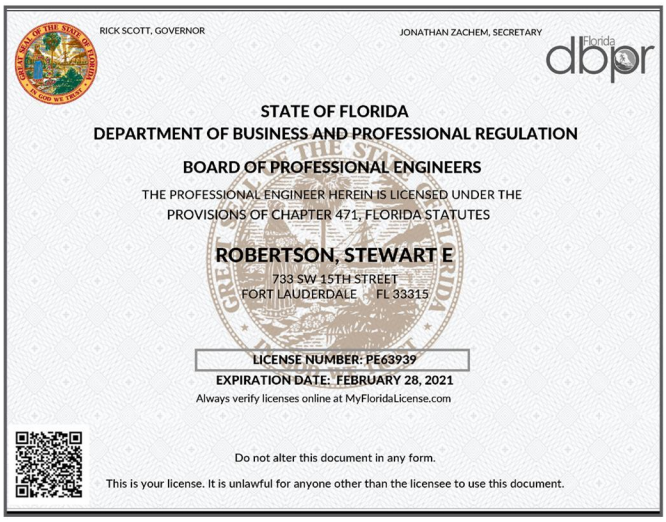
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MUFLEH, MARWAN HASHEM
11691 TIMBERWOOD RD
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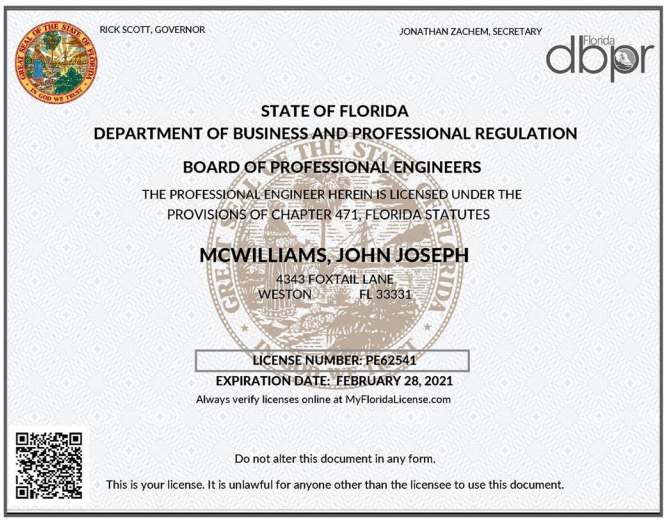
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HAIGH, JONATHAN DAVID
1920 WEKIVA WAY
STE 200
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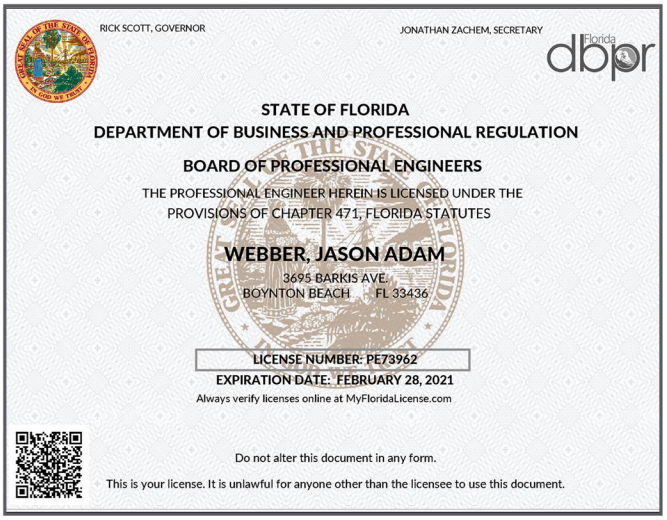
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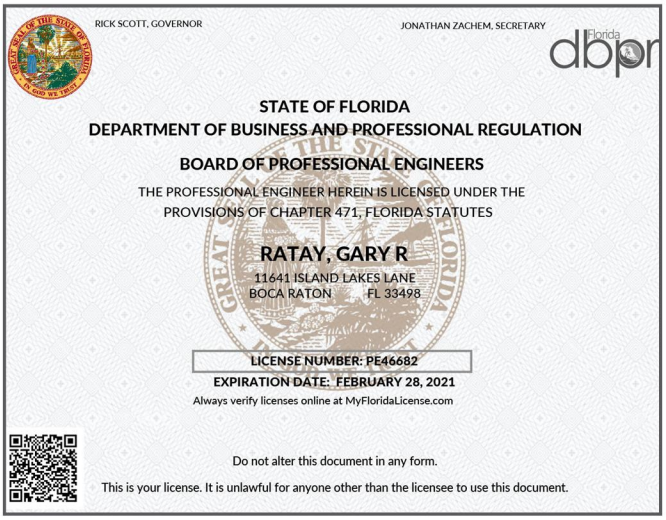
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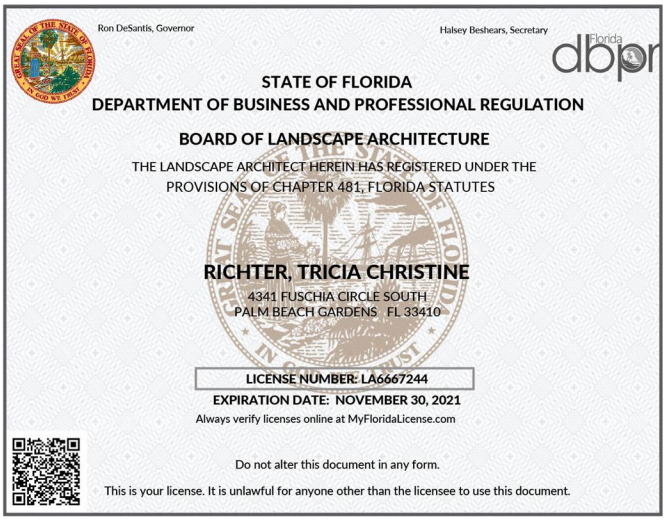
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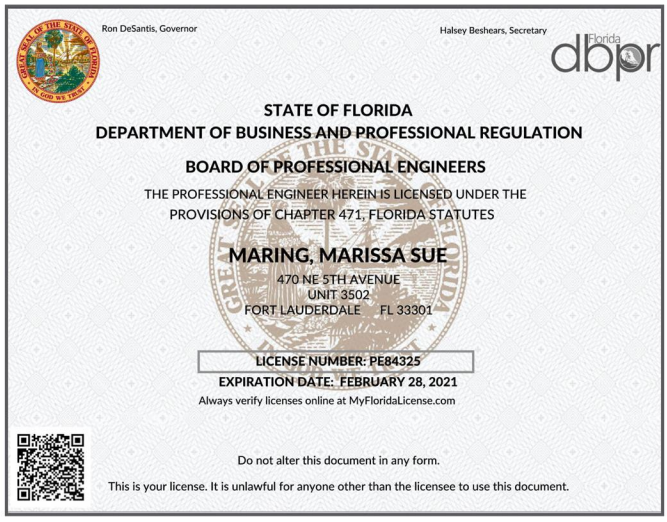
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RICHTER, TRICIA CHRISTINE
4341 FUSCHIA CIRCLE SOUTH
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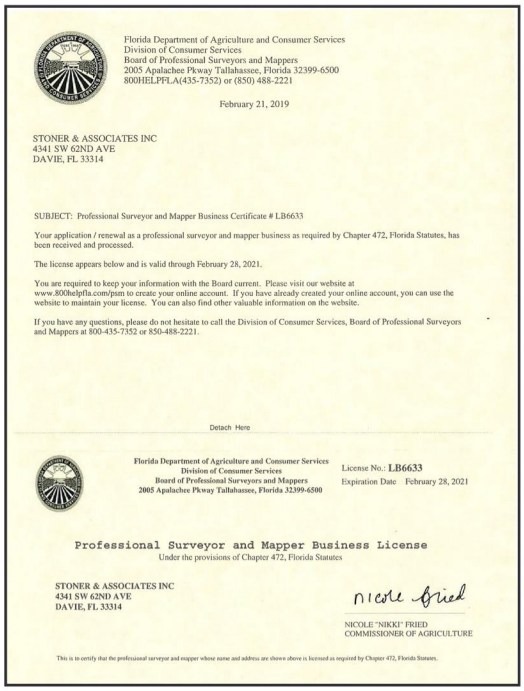
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MARING, MARISSA SUE
470 NE 5TH AVENUE
UNIT 3502
FORT LAUDERDALE FL 33301

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Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

February 21, 2019

STONER & ASSOCIATES INC
4341 SW 62ND AVE
DAVIE, FL 33314

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB6633

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

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

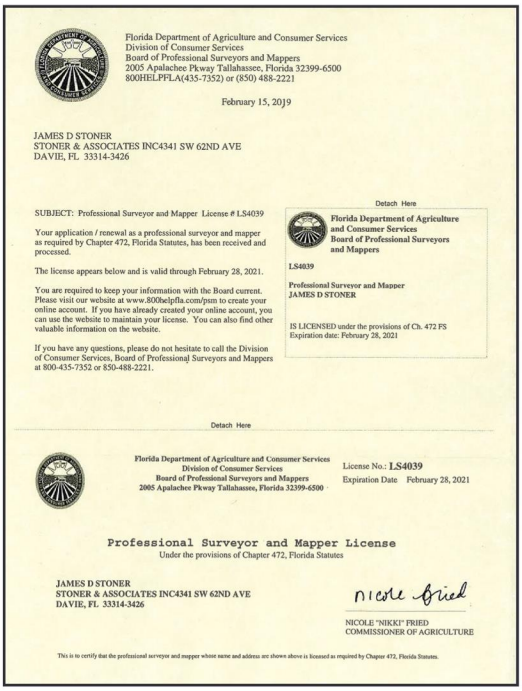
License No.: LB6633
Expiration Date February 28, 2021

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

STONER & ASSOCIATES INC
4341 SW 62ND AVE
DAVIE, FL 33314

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

February 15, 2019

JAMES D STONER
STONER & ASSOCIATES INC4341 SW 62ND AVE
DAVIE, FL 33314-3426

SUBJECT: Professional Surveyor and Mapper License # LS4039

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

Florida Department of Agriculture and Consumer Services
Board of Professional Surveyors and Mappers

LS4039

Professional Surveyor and Mapper
JAMES D STONER

IS LICENSED under the provisions of Ch. 472 FS
Expiration date: February 28, 2021

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

License No.: LS4039
Expiration Date February 28, 2021

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

JAMES D STONER
STONER & ASSOCIATES INC4341 SW 62ND AVE
DAVIE, FL 33314-3426

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Tierra South Florida, Inc. Firm and Individual Licenses



Ron DeSantis, Governor
Halsey Beshears, Secretary
Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

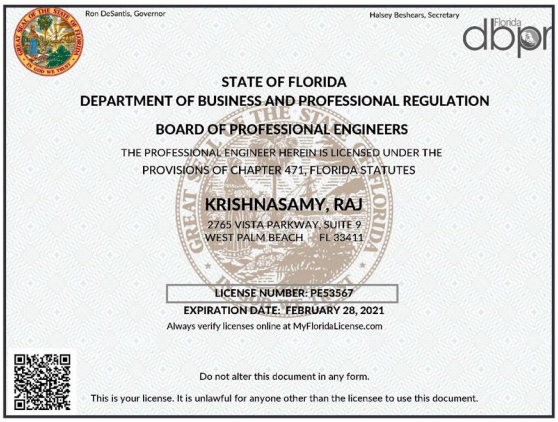
BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TIERRA SOUTH FLORIDA, INC.
2765 VISTA PKWY, STE 9
WEST PALM BEACH FL 33411

LICENSE NUMBER: CA28073
EXPIRATION DATE: FEBRUARY 28, 2021
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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

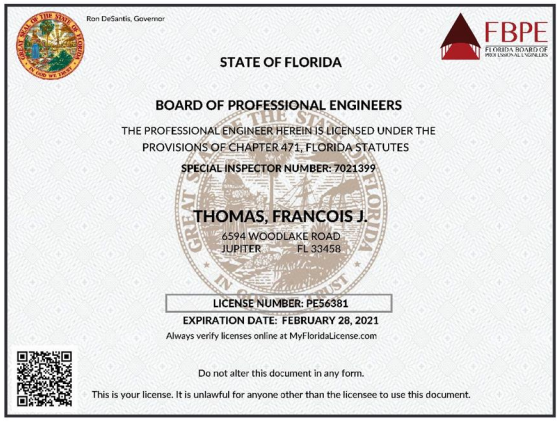
BOARD OF PROFESSIONAL ENGINEERS

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KRISHNASAMY, RAJ
2765 VISTA PARKWAY, SUITE 9
WEST PALM BEACH FL 33411

LICENSE NUMBER: PE53567
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Ron DeSantis, Governor
FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

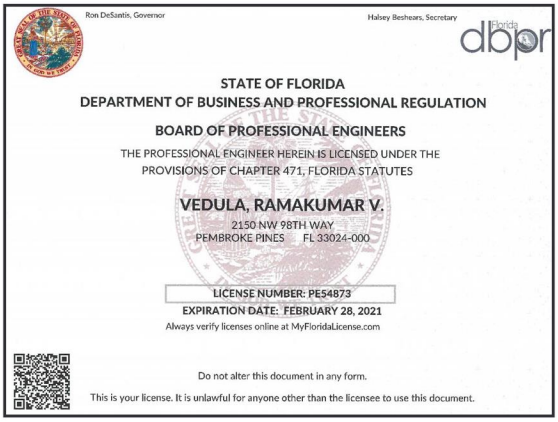
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SPECIAL INSPECTOR NUMBER: 7021399

THOMAS, FRANCOIS J.
6594 WOODLAKE ROAD
JUPITER FL 33458

LICENSE NUMBER: PE56381
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Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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

VEDULA, RAMAKUMAR V.
2150 NW 98TH WAY
PEMBROKE PINES FL 33024-000

LICENSE NUMBER: PE54873
EXPIRATION DATE: FEBRUARY 28, 2021
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Key Personnel

Our team is well known for taking projects from their initial vision and renderings through final construction, all while meeting a community's goals for aesthetics and functionality. Our professional staff have designed hundreds of miles of streetscape projects throughout the nation, and Kimley-Horn has dozens of landscape architects/urban designers that collaborate with our roadway and civil engineers to revitalize streetscapes and neighborhoods across the country. Our team brings you extensive, proven urban design experience using value engineering to balance creativity with the reduction of long-term maintenance costs.

The Kimley-Horn team is highly experienced in projects that demand close coordination among multiple team members. Our clients expect a high level of responsiveness, communication, and quality. These high standards have been ingrained in our staff to adhere to demanding schedules, a strict quality assurance program, and open lines of communication. Kimley-Horn's professionals are accustomed to working on projects involving various components and understand the importance of productive coordination to provide the required high-quality services in an efficient and timely manner. We understand that open, clearly defined channels of communication and prompt response to your requests will be essential to achieve the desired project results.

Our team of professionals and their specific roles for this project are outlined in the *organizational chart provided below. In addition, bios and resumes for key team members are provided for your review.*



RSRD26001.20

Stefano Viola, P.E. – Project Manager



Our project team includes a highly–qualified project manager with local knowledge and extensive experience. **Stefano Viola, P.E.** is an experienced project manager and has a proven track record of managing his project teams to success. Stefano is a multifaceted engineer with over 13 years of civil engineering experience. His design experience ranges from conceptual planning through design and construction oversight for large-scale infrastructure improvements in a variety of civil engineering fields. His strong technical background is complemented by his effective management and organizational skills, which will be instrumental in managing multiple assignments simultaneously. Stefano's dedication and ability to coordinate with clients and multiple design teams will result in a successful project that meets the Town's goals.

Marwan Mufleh, P.E. – Principal



Marwan has 32 years of roadway design experience in South Florida. His principal areas of practice include project management, streetscape design, Complete Streets design, roadway design, drainage design, pavement marking, maintenance of traffic, and construction administration. Marwan has worked extensively on projects throughout South Florida, and has directed numerous projects for Broward County, Palm Beach County, the Florida Department of Transportation, District Four, and several municipalities.

Stewart Robertson, P.E. – Quality Assurance/Quality Control



Stewart has 18 years of experience specializing in transportation engineering, with an emphasis in multimodal planning and design, corridor studies, traffic calming studies, bicycle/pedestrian planning, and geographic information systems (GIS). Stewart served as project manager on the Snake Creek Bike Trail Planning and Feasibility Study for the Miami-Dade Park and Recreation Department, a study that developed a program of multi-use path improvements along an urban canal corridor and included extensive public outreach activities with adjacent neighborhoods.

Jonathan Haigh, PLA – Landscape Architecture/Irrigation/Complete Streets/Streetscape



Jonathan is a Florida native and has 24 years of experience as a practicing professional landscape architect. He has designed, contributed, managed, and/ or produced numerous streetscape, corridor, and thoroughfare master plans in municipalities throughout South Florida. He has produced and directed the preparation of construction drawings, detailing, and specifications. His experience is strongest in applying a practical and budget-friendly, yet creative, design approach to each project. He has thoroughly embraced the application of sustainable principles in project design and incorporating the design of Florida-friendly landscapes and water-efficient irrigation systems.

John McWilliams, P.E. – Signing and Marking



John has 21 years of traffic engineering and transportation planning experience in South Florida. This experience includes traffic impact studies, corridor studies, operational analyses, and signalization design. He has been successful in developing creative operational roadway improvements in constrained areas throughout the area by combining his transportation planning knowledge with his expertise in design.

Jason Webber, P.E. – Roadway Design/Drainage



Jason has more than 12 years of experience in civil engineering, plus six years of part-time experience in land surveying. His knowledge of sports facility design and engineering makes all the difference in a project's success when facing exceptionally tight deadlines. Specifically, Jason is experienced with site civil design services, including site design, stormwater management, erosion and sedimentation control design and inspection, ADA accessibility, utility systems, and agency permitting throughout the State of Florida.

Tricia Richter, PLA – Landscape Architecture/Irrigation



Tricia has more than seven years of experience in landscape design, GIS analyses, construction document preparation, and in preparing presentation graphics. Streetscape design improvements she has been involved in include the addition of a landscaped median, shade trees in tree grates, new sidewalks, site furnishings, landscape islands, new street trees and plantings, irrigation, and decorative crosswalks and intersection treatments. She also has experience implementing Complete Street elements, such as dedicated bike lanes, on-street parking, improved accessibility, street furnishings, and new landscaping.

Gary Ratay, P.E. – Utility Relocations



Gary has 33 years of civil engineering experience, with particular expertise in general municipal engineering, water/wastewater utility design, water resources, and project permitting. His principal areas of practice include water distribution, wastewater collection, force main, and associated pump station design, water treatment plant design, well pump design, and site piping, feasibility and engineering reports. Gary serves as project manager or project engineer for numerous South Florida water utility clients.

Marissa Maring, P.E. – Utility Relocations



Marissa has five years of engineering experience, including water/wastewater utility design, water/wastewater/reuse master planning, advanced water treatment processes and facilities design, hydraulic modeling, environmental remediation, preparation of engineering drawings, and site/plan preparation and review. She is experienced with AutoCAD, InfoWater, and ArcGIS. Marissa has experience with reuse feasibility planning, master planning, construction management, and permitting.

Subconsultants

Stoner & Associates, Inc. - Surveying

STONER & ASSOCIATES, Inc.
SURVEYORS - MAPPERS

Stoner & Associates was founded in September of 1988 by James D. Stoner, PSM. The firm's mission is to provide quality land surveying services, while utilizing the latest technology and techniques. The firm is a Professional Land Surveying Consultant to numerous municipalities, including, Broward County Aviation Department, South Florida Water Management District, Broward College, Town of Davie, City of Fort Lauderdale, and City of Sunrise. Stoner & Associates has performed land surveys for most municipalities and numerous governmental agencies and private clients within the Tri-County Area.

TSF – Geotechnical

TSF (Tierra South Florida, Inc.) is a full-service consulting geotechnical engineering, construction materials testing and inspections firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction engineering inspection services. The firm's professional team has been working together since 2000 and is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. TSF services also include threshold/special inspection and roofing inspection services. TSF is a certified Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation and a certified Minority Business Enterprise (MBE) with the State of Florida's Office of Supplier Diversity and the City of Orlando. The firm's main office is in West Palm Beach, Florida with branch offices in Miami Lakes and Orlando, Florida.

Availability

Kimley-Horn's local staff is backed by more than 4,000 employees nationwide. We are confident that we can meet the technical and manpower needs anticipated for this contract. Using an in-house computer system, we can forecast manpower needs by office, division, region, and on a firmwide basis. Our regional and divisional managers routinely shift manpower and workloads to balance all demand-supply relationships. This ensures that we have more than enough staff and technical resources to complete every assigned project on time and to your satisfaction.

The members of our project team were selected using two criteria: (1) their experience with similar projects, and (2) their availability to assume major technical responsibilities. The staff members selected for this team are available immediately to serve the City of Naples and are in an excellent position to handle the workload of any assignment you wish to entrust us with.

Stefano Viola, P.E.

Project Manager



Relevant Experience

Miramar Parkway Streetscape from SW 64th Avenue to SW 68th Avenue, Miramar, FL — Project manager for this FDOT LAP funded project that involves roadway, landscape, irrigation, and lighting improvements on Miramar Parkway. Additional project improvements include bicycle lanes, drainage modifications, landscaping, lighting, hardscaping, driveway apron regrading, sidewalk replacement, ADA improvements at the intersections, and a mid-block pedestrian crossing/emergency signal modification.

Historic Miramar Complete Streets, Miramar, FL — Project engineer for the development of design concepts and a phasing plan for the City to implement their Complete Streets vision utilizing a Broward County Redevelopment Program grant. Opinions of probable construction cost were developed in support of the phasing plan, along with a narrative detailing the design and cost differences between the initial grant application and current anticipated construction pricing. The Complete Streets improvements, designated for the 255-acre project area, include 7 miles of sidewalk improvements with accessible ramps and crosswalks, potential biking facilities, decorative crosswalk treatments, street trees, sodded swale improvements, irrigation, and pedestrian level lighting.

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

Barton Boulevard Streetscape, Rockledge, FL — Project engineer for this $4.2-million facelift for two miles of Barton Boulevard, from US 1 on the east to Fiske Boulevard on the west. Also provided utility coordination. Kimley-Horn provided design services to improve traffic flow, add new decorative lighting and landscaping, contain a landscape median, improve pedestrian movements with new sidewalks and bike paths, upgrade drainage and stormwater management, install new mast arm traffic lights, add new infrastructure, and beautify the heart of the Redevelopment district. Kimley-Horn also worked with a number of agencies, such as the Florida Department of Transportation (FDOT), St. Johns River Water Management District, and the FEC Railway. In addition, the major intersection of US 1 and Barton Boulevard was improved as part of a multi-million dollar FDOT road widening project. The City and CRA have contributed $1.5 million dollars for project enhancements which included pedway, landscaping, lighting, and wayside stations.

NW 37th Street and NW 33rd Avenue, Lauderdale Lakes, FL — Kimley-Horn is working with the City of Lauderdale Lakes under a general services contract to provide roadway, traffic, and stormwater improvements. To date, we have started several projects, including the NW 37th Street/NW 33rd Avenue project. Served as analyst responsible for the preparation of engineering drawings and the permitting process for this roadway enhancement project that also includes the addition of speed tables, walkway, and landscaping.

Special Qualifications

- More than 13 years of engineering experience, including roadway restoration/resurfacing, drainage modeling, water/wastewater utility design, stormwater master planning, preparation of engineering drawings, permitting, and site/plan preparation and review
- Prior to joining Kimley-Horn, served as Sergeant in the United States Marine Corps for five years
- Experience with AutoCAD, WaterCAD, StormCAD, and Cascade

Professional Credentials

- Bachelor of Science, Civil Engineering, Florida International University
- Professional Engineer in Florida, #74655, June 8, 2012

Professional Organizations

- American Society of Civil Engineers (ASCE)
- Florida Engineering Society

Stefano Viola, P.E.

Relevant Experience Continued

Melaleuca Drive Roadway Improvements, Margate, FL — Project manager. Kimley-Horn provided civil engineering and landscape architectural services for this project to design new sidewalks, accessible crossings, landscape, and provide irrigation improvements for this residential street that connects Atlantic Boulevard to NW 9th Court. The project focused on preserving existing trees and adding pockets of colorful plantings along the sidewalk to create a pleasant pedestrian experience.

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

Design of Coconut Creek Parkway Mid-Block Crossing, Coconut Creek, FL — Served as project engineer. Responsible for preparation of the design plans and permitting coordination. Kimley-Horn provided professional engineering services for the City's installation of a mid-block pedestrian crossing on Coconut Creek Parkway, between Lyons Road and Banks Road. The improvements included curbs, curb ramps, pavement markings, signage, and a solar-powered pedestrian signal. Tasks included the preparation of permitting support, utility coordination, landscape design, transportation engineering, drainage improvements and permitting, public involvement, and construction phase services.

NW 39th Street Canal Trail (C-13 Canal), Oakland Park, FL — Project manager. Kimley-Horn was retained by the City of Oakland Park for the design and construction of the NW 39th Street Canal Trail improvements along a portion of the northern and southern banks of the South Florida Water Management District's C-13 Canal between NW 21st Avenue and NW 29th Avenue, a combined distance of approximately 1.2 miles. The project involved the construction of pedestrian and bicycle paths with pedestrian-friendly lighting, landscaping/hardscaping, and wayfinding signage. Our professional services included surveying, civil paving, grading and drainage design, electrical lighting and pump engineering design, landscaping, irrigation, hardscaping, public involvement during design, permitting, bidding, and construction phase services.

Peruvian Avenue Streetscape, Palm Beach, FL — Project engineer for design, permitting, and construction phase services of this streetscape project in the Town of Palm Beach. The project was funded by private residents along Peruvian Avenue who wanted to implement their vision to renovate the right-of-way by adding landscape islands, street trees and decorative plantings, new lighting, decorative sidewalks, irrigation, and associated infrastructure improvements. The project was challenging due to substandard longitudinal and transverse roadway cross slopes that needed to be addressed while maintaining ADA accessibility and vehicle access.

Royal Palm Boulevard Improvements (Royal Palm Blvd. Bridge over Margate Canal), Margate, FL — Project engineer for the realignment of the roadway, east- and westbound left turn lanes, access management modifications, renovation of an existing bridge and medians, construction of pedestrian bridges, base enhancements, milling and resurfacing, providing new asphalt areas, swale improvements, drainage improvements, landscaping, irrigation, and lighting improvements. Also provided utility coordination. The work included design of a roadway bridge and two pedestrian bridges, roadway and turn lanes, drainage, signing and pavement markings, government agency approvals, coordinating with utility providers for adjustments and or relocations, preparing detailed quantity calculations and engineers estimates of probable costs, and providing resident project representation and incidental items.

Marwan Mufleh, P.E.

Principal



Special Qualifications

- Has 32 years of civil engineering experience
- Principal areas of practice include project management from the design concept stage through the construction administration phase, roadway design, streetscape, Complete Streets, roadway lane re-purposing, traffic calming, neighborhood revitalization, drainage design, innovative pavement design, pavement marking, and maintenance of traffic
- Served as project manager on numerous successful highway design and construction projects for Palm Beach, Broward County and various municipalities and CRAs
- Served as project manager on Delray Beach's largest roadway and streetscape project (Federal Highway Enhancements and lane elimination, $14 million construction cost)

Professional Credentials

- Bachelor of Science, Civil Engineering, University of Texas, Arlington
- Professional Engineer in Florida, #45329, March 27, 1992

Professional Organizations

- American Society of Civil Engineers (ASCE)
- American Society of Highway Engineers (ASHE)
- Florida Engineering Society

Relevant Experience

Las Olas Boulevard Corridor Improvements, Fort Lauderdale, FL — Project engineer. Kimley-Horn provided final design, evaluation, and due diligence services for this mixed-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consists of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage; active park and plaza areas; and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area. Las Olas Boulevard is being improved to provide a Complete Streets design to better connect the shops, restaurants, and other businesses with the new Oceanside Plaza on the south side of Las Olas Boulevard. Kimley-Horn also provided the initial site civil engineering design, roadway design, permitting coordination, stormwater, utility, franchise utility coordination, and other services.

Las Olas Boulevard and Colee Hammock Neighborhood Traffic Calming, Fort Lauderdale, FL — Project manager. Kimley-Horn assisted the City with preliminary designs for the reconfiguration of Las Olas Boulevard, which resulted in the City implementing a pilot project for temporary lane elimination and buffered bike lanes. Our services also addressed traffic circulation, safety, multimodal mobility, and quality-of-life issues along the Las Olas Boulevard corridor (from just west of the Himmarshee Canal to the Intracoastal Waterway Bridge). The project also included a traffic calming study for the Colee Hammock neighborhood. Improvements included enhanced crosswalks, raised intersection, and warning lights for improved safety. For Colee Hammock, our team provided plans for roadway design, signing and pavement markings, lighting improvements, and permitting application preparation. Kimley-Horn also provided post-design construction services.

Boynton Beach Boulevard Design from East of I-95 to US 1, Boynton Beach, FL — Project manager providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of I-95 to US-1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and expanded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services.

SR A1A Streetscape Improvements, Fort Lauderdale, FL — Project manager. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project consists of improving the sidewalk on both sides of the street outside of the curbing in order to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant café zone, and improve pedestrian experience while walking along the beach and to its businesses. The trees and light poles are being consolidated near the back of curb to open up the pedestrian zone and provide a clear walking path. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.

Seacrest Boulevard Roadway Improvements, Boynton Beach, FL — Project manager. This project includes the redevelopment of Seacrest Boulevard from the Boynton Canal to Boynton Beach Boulevard. Provided streetscape design, permitting procurement and creation of construction documents for the CRA of Boynton Beach. Provided

coordination with the CRA, Palm Beach County Streetscape Division, and the City of Boynton Beach. Provided coordination with Kimley-Horn roadway team, civil engineer, and lighting engineer. Special attention to beautify this blighted part of Seacrest Boulevard which had no trees within the public right of way by incorporating canopy and palm trees, a new sidewalk design, landscaped medians, decorative crosswalks, and street lighting.

24th and 25th Street Improvements, West Palm Beach, FL — Project manager for the Kimley-Horn team retained by the City of West Palm Beach to provide streetscape improvements in the Northwood neighborhood area. This project is a joint effort between the City of West Palm Beach and the West Palm Beach Community Redevelopment Agency (CRA) to reconstruct each of the two-lane roadways with on-street parallel parking on both sides, thus creating a main street through the District. The project is envisioned as an impetus to spur redevelopment of that District. As such, it required an intensive public involvement program that included residents, merchants, the CRA Advisory Board, and the CRA Board, which is the City Commission. The project included extensive landscape and hardscape plans, renderings, decorative street lights, drainage, signing and marking, and traffic control plans; 24th and 25th Streets were also designated as SR 5 and are owned and maintained by the Florida Department of Transportation (FDOT). Therefore, permitting and close coordination with FDOT were necessary. Due to local agency participation, funding was provided by state and federal governments.

Wiles Road Design from Riverside Drive to Rock Island Road, Broward County, FL — Project manager for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. One of the major accomplishments of this segment's design was to work with all stakeholders to avoid issues related to private property impacts given the narrow corridor and proximity of private features. Another major accomplishment was an innovative drainage solution that added new outfalls through City owned property to an existing undersized drainage system to avoid reconstructing the entire Wiles Road system. We coordinated closely with the County to tackle issues related to the narrow areas of the corridor, including a balance between traffic lane, sidewalk and bike lane widths. This segment had grant funding from FDOT and the improvements included roadway design, Complete Streets design, drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination, permitting coordination with the City of Coral Springs and detailed traffic control plans. The project required extensive landscape plans and coordination to resolve issues related to private landscape encroachments into County right of way. Our team provided tree mitigation permit services and coordinated with both County and City forester. We incorporated the Broward Complete Streets guidelines on this project (also prepared by Kimley-Horn), which were endorsed by the Broward MPO.

Wiles Road Design from Rock Island Road to US 441 (SR 7), Coral Springs, FL — Project manager for the Kimley-Horn team selected by the Broward County Engineering Division to prepare complete contract plans for the reconstruction and widening of Wiles Road as a six-lane divided urban arterial from Rock Island Road to US 441 (SR 7). Broward County and FDOT are sharing in the cost of improvements which include drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination, and detailed traffic control plans.

Stewart Robertson, P.E.

Complete Streets/Streetscape



Relevant Experience

Broward Complete Streets Guidelines, Broward County, FL — Project manager for the preparation of the Broward Complete Streets Guidelines for a partnership including the Broward Regional Health Planning Council (BRHPC) and the Broward MPO. Kimley-Horn was tasked with developing guidelines that were customized for local Broward jurisdictions and reflected in local conditions, Florida State Statutes, and Florida design criteria. Themes incorporated into the Guidelines include public health, smart growth, transportation equity, sustainability, placemaking, safety, and age-in-place. The Guidelines present standards and design guidance for planners, engineers, and maintenance officials to achieve a vision of implementing Complete Streets principles, which aim to design streets for people of all ages and physical abilities and accommodate all travel modes. Duties included development of technical content, stakeholder coordination, and monthly presentations to the Complete Streets Technical Committee.

Wiles Road Design from Riverside Drive to Rock Island Road, Broward County, FL — Complete Streets expert for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. One of the major accomplishments of this segment's design was to work with all stakeholders to avoid issues related to private property impacts given the narrow corridor and proximity of private features. Another major accomplishment was an innovative drainage solution that added new outfalls through City owned property to an existing undersized drainage system to avoid reconstructing the entire Wiles Road system. We coordinated closely with the County to tackle issues related to the narrow areas of the corridor, including a balance between traffic lane, sidewalk and bike lane widths. This segment had grant funding from FDOT and the improvements included roadway design, Complete Streets design, drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination, permitting coordination with the City of Coral Springs and detailed traffic control plans. The project required extensive landscape plans and coordination to resolve issues related to private landscape encroachments into County right of way. Our team provided tree mitigation permit services and coordinated with both County and City forester. We incorporated the Broward Complete Streets guidelines on this project (also prepared by Kimley-Horn), which were endorsed by the Broward MPO.

Town of Miami Lakes Complete Streets Program, Miami Lakes, FL — Project engineer. Kimley-Horn assisted the Town of Miami Lakes in developing a Complete Streets program consistent with the Miami-Dade County Complete Street Guidelines. The plan included an analysis of all town roads, development of roadway typologies including cross sections, recommended improvements along targeted corridors and preliminary cost estimates. The plan helped coordinate the Town's efforts with their comprehensive plan, strategic plan, and the trails master plan.

Palm Beach TPA Complete Streets Design Guidelines, West Palm Beach, FL Served as project manager for the Kimley-Horn team that prepared the Palm Beach TPA Complete Streets Design Guidelines. Oversaw the creation of a street and land use typology based on an analysis and mapping of the County's roadway network and land use. Developed an integrated approach to Complete Streets design standards based on roadway type and context zone typologies. Developed typical sections that included Complete Streets elements and specific widths and dimensions for each element. Deliverables include an aesthetically-pleasing, easy-to-read document that directs engineers and planners regarding how to plan and design Complete Streets elements into all types of transportation and land development projects.

Special Qualifications

- Has 18 years of experience specializing in transportation planning and engineering, with an emphasis in multimodal planning and design including complete streets and bicycle/pedestrian safety and mobility
- Project management experience includes multimodal master planning; complete streets planning, design, and implementation; design plan reviews; bicycle corridor studies; pedestrian and bicycle network plans; pedestrian safety studies; transit studies; transit ITS implementation; corridor analysis; intersection capacity analysis; travel demand analysis; and geographic information systems (GIS)
- Stewart has given numerous presentations on complete streets topics at conferences such as Pro Walk Pro Bike, Florida Section Institute of Transportation Engineers (FSITE), Safe Streets Summit, and ThinkBike Miami

Professional Credentials

- Master of Science, Civil Engineering, University of Kentucky
- Bachelor of Science, Civil Engineering, University of Kentucky
- Professional Engineer in Florida, #63939, December 31, 2005

Professional Organizations

- American Society of Civil Engineers (ASCE)
- Association of Pedestrian and Bicycle Professionals
- Institute of Transportation Engineers (ITE)

Stewart Robertson, P.E.

Relevant Experience Continued

Hollywood/Pines Boulevard Congestion Management System (CMS) Multimodal Corridor Study, Broward County, FL — Project engineer that provided multimodal planning and transportation engineering services for a study to develop a congestion management system (CMS) plan to enhance travel in this high-priority corridor in southern Broward County. The plan includes recommended strategies to improve transportation conditions for four primary modes of travel (pedestrian, bicycle, transit, and roadway) plus a multimodal section to integrate efficient transfers between modes. Duties included demand analysis, capacity analysis, transit data analysis, developing short-term multimodal mobility strategies, presenting concepts at public meetings, and writing reports.

Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study, Hollywood, FL — Project manager. Through contracts with the City of Hollywood and the Hollywood CRA, Kimley-Horn prepared a Redesign Concept Study for the Dixie Highway and 21st Avenue corridor throughout Hollywood between Pembroke Road and Sheridan Street. A vision for a "transit-ready corridor" along the FEC Railroad was created by designing Complete Streets solutions in anticipation of re-establishing passenger rail service through seamless integration of an anticipated Tri-Rail Coastal Link station. The Complete Streets approach recommended in this study includes a "road diet" lane reduction to repurpose excess automobile capacity for bicyclist, pedestrian, and transit improvements. In addition, the Complete Streets approach will establish a transit-ready corridor for seamless integration of an anticipated Tri-Rail Coastal Link station along the Florida East Coast (FEC) Railroad.

Miami-Dade County Complete Streets Design Guidelines, Miami, FL — Project manager for the Kimley-Horn team that prepared the Miami-Dade Complete Streets Design Guidelines, which is the unifying design document for local governments in Miami-Dade County to be able to identify and incorporate Complete Streets elements into road projects. Collaborated with local government staff to identify and incorporate key principles into the documentation – Safety, Health, Modal Equality, Context Sensitivity, and Sustainability. Led the development of a unique Street Typology specific to Miami-Dade streets and land use types to structure design guidance and criteria. Preferred and minimum widths and dimensions were established for key street design elements including sidewalks, furnishing/landscaping zones, frontage zones, bicycle facilities, transit lanes, general purpose travel lanes, turn lanes, and medians. Additional guidance was developed on a range of topics including bus stops, access to transit, landscaping type and spacing, bike parking, traffic calming, goods movement and deliveries, accommodating transportation network entities (TNEs), and preparing for autonomous vehicles (AVs).

Palm Beach TPA US 1 Multimodal Corridor Study, West Palm Beach, FL — Project manager for a study to develop a comprehensive plan to implement continuous multimodal facilities that connect the communities along the 42-mile US 1 corridor in the County, including upgrades to the existing limited bus service to Corridor-Based Bus Rapid Transit (BRT) and expanding this service north of West Palm Beach to Indiantown Road in Jupiter. Developed typical sections and a continuous conceptual design plan for the entire corridor illustrating a feasible strategy for implementing Complete Streets improvements. This study will serve as a resource for the Palm Beach MPO Complete Streets Policy, Palm Tran Transit Development Plan (TDP) Major Update, FDOT Complete Streets Implementation Plan, and many local municipal studies and plans.

Pedestrian Bridge Design and Roadway Improvements (NW 175th Street and NW 42nd Avenue), Miami Gardens, FL
Project engineer for the Kimley-Horn team selected by the City of Miami Gardens for the design of a new pedestrian bridge. The purpose of this project was to provide pedestrian access along the north side of NW 17th Street and NW 173rd Drive across a Miami-Dade County canal between NW 42nd Avenue and NW 42nd Court. The current bridge is two lanes with a raised pedestrian sidewalk along the north side. Our team provided structural engineering services, including bridge evaluation, rehabilitation, and design.

Jonathan Haigh, PLA

Landscape Architecture/Irrigation



Special Qualifications

- Has 24 years of experience as a practicing professional landscape architect
- Skilled designer with streetscape and roadway-related project experience throughout the South Florida for various municipalities, FDOT, and Florida's Turnpike Enterprise
- Contributed, managed, and/or produced three recent "road diet" projects in Broward and Palm Beach Counties
- Directed the preparation of numerous streetscape-related construction drawings, detailing, and specification.

Professional Credentials

- Bachelor of Landscape Architecture, Landscape Architecture, University of Arkansas
- Professional Landscape Architect in Florida, #6666795, May 25, 2005
- FDOT Landscaping-Outdoor Advertising Training

Professional Organizations

- American Society of Landscape Architects (ASLA), Past President
- Florida Recreation and Parks Association

Relevant Experience

Clematis Streetscape Improvements, West Palm Beach, FL — Project manager and lead landscape architect. Kimley-Horn is providing landscape architecture and civil engineering services as part of the team designing improvements to the 300 block of Clematis Street in downtown West Palm Beach. After several public input meetings with Clematis Street merchants, stakeholders, residents, and visitors, the City Commission voted to implement recommendations from the design team to implement a transformative change to this destination street in downtown West Palm Beach. The design features a paver-covered, curbless street with narrowed travel lanes, premium paver sidewalks, permeable paver parking spaces, custom-designed seating areas, and a landscape featuring large Live Oaks to provide significant shade for pedestrians. The design features the City's first implementation of suspended pavement systems, which, in combination with Structural Soil, will provide a significant root zone space for the Live Oaks to thrive. Kimley-Horn provided engineering services for the relocation of a water line as well as providing an improved drainage solution, unique to the curbless street. The entire project was designed under an accelerated schedule that started in December and required to the project to be constructed before November of the following year. The project is under construction and scheduled to be substantially complete before the end of October.

Fern Street Streetscape and Complete Streets Design, West Palm Beach, FL Project manager and landscape architect. civil engineering and landscape architectural design services for this project, which features complete street pedestrian and bicycle enhancements within portions of the Fern Street corridor between Tamarind Avenue and Flagler Drive in Downtown West Palm Beach. The design program includes curbside bioswale planters, pedestrian-level lighting, replacement of portions of existing sidewalk to remediate pedestrian hazards, restriping of the roadway to better organize parking and add a combination of dedicated bike lane and shared-use bicycle markings (sharrows), and decorative crosswalks.

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

Miramar Parkway Streetscape from SW 64th Avenue to SW 68th Avenue, Miramar, FL — Landscape architect for this FDOT LAP funded project that involves roadway, landscape, irrigation, and lighting improvements on Miramar Parkway. Additional project improvements include bicycle lanes, drainage modifications, landscaping, lighting, hardscaping, driveway apron regrading, sidewalk replacement, ADA improvements at the intersections, and a mid-block pedestrian crossing/emergency signal modification.

Boynton Beach Boulevard Design from East of I-95 to US 1, Boynton Beach, FL — Landscape architect providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of I-95 to US-1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and expanded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services.

Jonathan Haigh, PLA

Relevant Experience Continued

Bicycle Lane Addition on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard, Sunrise, FL — Project manager for the design of bicycle lanes and street improvements on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard. Kimley-Horn will provide LAP coordination assistance.

Historic Miramar Complete Streets, Miramar, FL — Project manager for the development of design concepts and a phasing plan for the City to implement their Complete Streets vision utilizing a Broward County Redevelopment Program grant. Opinions of probable construction cost were developed in support of the phasing plan, along with a narrative detailing the design and cost differences between the initial grant application and current anticipated construction pricing. The Complete Streets improvements, designated for the 255-acre project area, include 7 miles of sidewalk improvements with accessible ramps and crosswalks, potential biking facilities, decorative crosswalk treatments, street trees, sodded swale improvements, irrigation, and pedestrian level lighting.

US 1 Corridor Study, Hollywood, FL — Project manager of the Kimley-Horn team selected to design a new cross section for a portion of US 1 that would allow for wider medians, improved sidewalk plantings, and extended medians to control access and improve safety through the corridor. In order to accomplish the City's goals for the corridor, Kimley-Horn worked with FDOT to designate this section of the road under their Transportation Design for Livable Communities (TDLC) program. The TDLC designation allows for a more advantageous horizontal clearance that will allow for larger trees to be planted closer to the curbs and paves the way for allowing the design speed of the corridor to be lowered to match the designated speed, which will allow for a typical section to be approved with narrower drive lanes. Kimley-Horn also presented traffic and crash data analysis to determine where medians could be extended throughout the corridor, allowing for more landscape space in medians and creating less crossing turning movements through the corridor for safety. Renderings of proposed development scenarios were worked through with City staff for use in upcoming public presentations.

24th and 25th Street Improvements, West Palm Beach, FL — Landscape architect for the Kimley-Horn team retained by the City of West Palm Beach to provide streetscape improvements in the Northwood neighborhood area. This project is a joint effort between the City of West Palm Beach and the West Palm Beach Community Redevelopment Agency (CRA) to reconstruct each of the two-lane roadways with on-street parallel parking on both sides, thus creating a main street through the District. The project included extensive landscape and hardscape plans, renderings, decorative street lights, drainage, signing and marking, and traffic control plans; 24th and 25th streets were also designated as SR 5 and are owned and maintained by the Florida Department of Transportation (FDOT). Therefore, permitting and close coordination with FDOT were necessary. Due to local agency participation, funding was provided by state and federal governments.

John McWilliams, P.E.

Signing and Marking



Special Qualifications

- Has 21 years of experience in traffic engineering and transportation planning experience, 18 of which have been in South Florida
- Expertise in traffic operations, transportation planning, and access management

Professional Credentials

- Bachelor of Science, Civil Engineering, Ohio Northern University
- Professional Engineer in Florida, #62541, February 14, 2005

Professional Organizations

- Institute of Transportation Engineers (ITE)

Relevant Experience

Biscayne Boulevard Roadway Diet between SE 1st Street and NE 5th Street, Miami, FL — Project manager to prepare a traffic analysis to assess traffic conditions, if the number of travel lanes on Biscayne Boulevard between SE 1st Street and NE 5th Street were reduced. A total of four different laneage configurations were developed. Analyses were conducted for weekday A.M. and P.M. peak hours. Significant coordination was held with City of Miami and Miami Downtown Development Authority.

Royal Palm Boulevard Improvements (Royal Palm Blvd. Bridge over Margate Canal), Margate, FL — Project engineer. Our services included the engineering design and development of construction documents for Royal Palm Boulevard Improvements beginning approximately 200 feet± east of the Margate Canal and extending east to the west half right-of-way of SR 7 (441), approximately one mile in total length. The project involved realignment of the roadway, east- and westbound left-turn lanes, access management modifications, renovation of an existing bridge and medians, construction of pedestrian bridges, base enhancements, milling and resurfacing, providing new asphalt areas, swale improvements, minor drainage improvements, and lighting improvements. Professional services included design, permitting, coordinating with utility providers for adjustments and/or relocations, preparing quantity calculations and engineers' estimates of probable costs, and limited construction phase services.

Lincoln Road Closure, Miami Beach, FL — Traffic engineer. This project is a joint-venture between the City of Miami Beach and UIA Management, LLC. The 1000-1100 Block of Lincoln Road was closed to vehicular traffic to allow for the extension of the Lincoln Road pedestrian mall. The mall was extended west, from Lenox Avenue to Alton Road, and includes a new pedestrian plaza. The design also includes four water gardens, and streetscape and infrastructure improvements. Kimley-Horn is providing due diligence, civil engineering, landscape architecture, permitting, traffic signal modifications, and lighting and electrical design services for this project.

Pedestrian Bridge Design and Roadway Improvements (NW 175th Street and NW 42nd Avenue), Miami Gardens, FL — Project engineer for the Kimley-Horn team selected by the City of Miami Gardens for the design of a new pedestrian bridge. The purpose of this project was to provide pedestrian access along the north side of NW 17th Street and NW 173rd Drive across a Miami-Dade County canal between NW 42nd Avenue and NW 42nd Court. The current bridge is two lanes with a raised pedestrian sidewalk along the north side. Services our team provided included structural engineering services, including bridge evaluation, rehabilitation, and design.

SR 972/SW 3rd Avenue/SW 22nd Street/Coral Way at SR 933/SW 12th Avenue, FDOT District Six — Project manager. The FDOT District Six Planning and Environmental Management Office retained Kimley-Horn to examine the intersection of SR 972/SW 3rd Avenue/SW 22nd Street/Coral Way at SR 933/SW 12th Avenue, identify operational deficiencies and safety concerns, and recommend mid-term (year 2020) and long-term (year 2040) improvements. This analysis included traffic data collection, field observations, design traffic forecasts, intersection operational analysis, and the development of mid-term and long-term needs for the study intersection. The operational analysis examined existing and future traffic conditions during the weekday peak hours. The analysis also developed three different alternatives for the intersection.

John McWilliams, P.E.

Relevant Experience Continued

Improvements to Congested Miami-Dade County Intersections, Miami-Dade County, FL — Project engineer tasked to perform traffic analyses and identify roadway improvements for many of the locations identified by local leaders as the Top 25 congested Intersections in Miami-Dade County. Tasks included extensive field investigation and coordination with the county and other agencies. Recommended traffic improvements focused on short-term, but high-benefit improvements (such as median closures, turn lane improvements, and lane configuration enhancements). Improvements varied from simple signing and marking improvements to intense design involving changes in alignment and drainage issues.

SR A1A Bicycle Master Plan, FDOT District Six — Project manager for the development of a bicycle facility master plan for a 22-mile portion of SR A1A from the Broward County line to Downtown Miami. Our work included design standards review and development; review of design plans, right-of-way plans, and as-built drawings; segmentation, implementation, and approach methodology development; field reviews; conceptual plan development; alternative routes review; and cost estimating. The project also included public outreach with the affected municipalities and Miami-Dade MPO's Bicycle and Pedestrian Advisory Committee.

Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six — Project engineer for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (C-6) Canal; intersection modifications at NW 95th Street and Frontage Road; relocation of an existing BJs Wholesale Club entrance and addition of a new free-flow right-turn lane; and new access from the Frontage Road to westbound Okeechobee Road. Kimley-Horn is also responsible for all permitting; structural design; drainage design; signing and marking; signalization; lighting design; ITS system design; and landscaping along the corridor.

Jason Webber, P.E.

Roadway Design/Drainage



Special Qualifications

- More than 13 years of experience in civil engineering plus six years of part-time experience in land surveying
- Experienced with many aspects of site civil design services, including site design, stormwater management, erosion and sedimentation control design and inspection, ADA accessibility, utility systems, agency permitting throughout the State of Florida, and construction phase services
- Experience with all types of land development/site civil services for sports facilities, single- and multifamily residential, small and large commercial, university/college campuses, and hospital projects
- Extensive experience over six years working in Palm Beach County and permitting through the South Florida Water Management District, Palm Beach County, City of West Palm Beach, Lake Worth Drainage District, Palm Beach County Health Department, and various other agencies and municipalities

Professional Credentials

- Bachelor of Science, Civil Engineering, Pennsylvania State University
- Professional Engineer in Florida, #73962, January 12, 2012

Professional Organizations

- American Council of Engineering Companies (ACEC), Member

Relevant Experience

Las Olas Boulevard Corridor Improvements, Fort Lauderdale, FL — Project manager. Kimley-Horn is providing preliminary design, evaluation, and due diligence services for this mixed-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consists of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage; active park and plaza areas; and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area. Las Olas Boulevard is being improved to provide a "Complete Streets" design to better connect the shops, restaurants, and other businesses with the new Oceanside Plaza on the south side of Las Olas Boulevard. The design of Oceanside Plaza includes space for special events such as festivals and concerts; play areas for children; and a convenient porte-cochere drop off. Kimley-Horn is providing the initial site civil engineering design, roadway design, permitting coordination, stormwater, utility, franchise utility coordination, and other services.

South Shore Boulevard Design, Phase II from Lake Worth Road to Pierson Road, Wellington, FL — Project engineer for the design of a two-lane divided roadway with curbed median and flush shoulders, including transitions required to transition from dual southbound lefts at the intersection of Lake Worth Road to a single lane. The transition construction included approximately 1,000 feet of widening on Lake Worth Road from the intersection of South Shore Boulevard. The project also included regulatory agency permitting with SFWMD, USACE, Palm Beach County Traffic Division (for signalization), and the Village of Wellington. Services also included landscape and irrigation design and utility design for utility extensions for the corridor.

SR A1A Streetscape Improvements, Fort Lauderdale, FL — Project engineer. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project consists of improving the sidewalk on both sides of the street outside of the curbing in order to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant café zone, and improve pedestrian experience while walking along the beach and to its businesses. The trees and light poles are being consolidated near the back of curb to open up the pedestrian zone and provide a clear walking path. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.

Hayes Road Extension and Reclaimed Water Line Design, Oldsmar, FL — Project engineer for design of a 1,800-foot urban collector road extension within the City of Oldsmar. Project involved the design and permitting of the two-lane roadway that includes bicycle lanes and a multi-use trail/sidewalk, as well as extensions of water, sanitary sewer, and reclaimed water utilities through the new right of way. The project also involved extensive utility coordination as a major section of the proposed roadway traveled down the Progress Energy utility corridor. In addition, prepared the engineering report for a SWFWMD Environmental Resource Permit modification. Responsible for construction observation, certifications, and closeout of the project upon completion of construction.

Jason Webber, P.E.

Relevant Experience Continued

Lake Worth Beach Redevelopment, Lake Worth, FL — Project engineer on the Kimley-Horn team that developed design criteria and site plan alternatives for a proposed redevelopment of its public beach. Proposed improvements included boardwalks, parking lots, roads, utility and drainage infrastructure, walkways, landscaping, street furnishings, pavilions, beach lockers, playground equipment, lighting, restrooms, and other site amenities. Our team also assisted the City in negotiating a new interlocal agreement with Palm Beach County to secure up to $5 million in funding for the public improvements.

Worth Avenue Restoration Project, Palm Beach, FL — Project engineer for design and construction of a new roadway section, replacement and modification of various underground utilities, replacement of sidewalks with decorative tabby concrete, and the introduction of many landscaping and architectural elements throughout the corridor. Kimley-Horn was responsible for the design of all the civil and traffic engineering related elements of the project.

Boynton Beach Town Square Redevelopment and Infrastructure Improvements, Boynton Beach, FL — Senior quality control reviewer for the Kimley-Horn team that is providing civil engineering design as it relates to stormwater infrastructure and utility improvements, along with miscellaneous consulting services on an as needed basis for this public and private partnership effort.

Broward Avenue and Volusia Street Signal Design, Florida Atlantic University, Boca Raton, FL — Project engineer. Kimley-Horn designed a traffic signal at the intersection of Broward Avenue and Volusia Street on the FAU Boca Raton campus. The signal is a trombone-style mast arm. The signal serves a busy intersection with a significant amount of pedestrian traffic. Kimley-Horn worked closely with the trombone-style mast arm manufacture to ensure that the design would meet the wind loading requirements for coastal Florida.

Delray Square Plaza Redevelopment, Delray Beach, FL — Engineer-of-record and project manager for the Kimley-Horn team responsible for civil engineering, permitting, planning, landscape architecture, irrigation, and construction phase services for the Delray Square Plaza Redevelopment. The project includes the redevelopment of the south portion of the shopping center, relocating the existing Publix, constructing new retail space, two new outparcels, and rehabilitating the remainder of the buildings and parking lot areas. Stormwater management was predominately accommodated by filling an existing lake and replacing it with underground StormTech storage chambers. The project required a Master Development Plan and two Class IV Site Plan Modifications with the City of Delray Beach. Kimley-Horn developed detailed phasing plans for the project as Publix cannot be closed at any time during the demolition and construction. Kimley-Horn also coordinated with all franchise utilities (FPL, AT&T, Comcast, FPU Gas) for a multi-phase design for relocation of their services to serve the new buildings. The project is currently in the demolition and construction phase.

Tricia Richter, PLA

Landscape Architecture/Irrigation



Relevant Experience

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

Boynton Beach Boulevard Design from East of I-95 to US 1, Boynton Beach, FL — Landscape architect providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of I-95 to US-1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and expanded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services.

Fern Street Streetscape and Complete Streets Design, West Palm Beach, FL Landscape architect. Kimley-Horn provided civil engineering and landscape architectural design services for this project, which features complete street pedestrian and bicycle enhancements within portions of the Fern Street corridor between Tamarind Avenue and Flagler Drive in Downtown West Palm Beach. The design program includes curbside bioswale planters, pedestrian-level lighting, replacement of portions of existing sidewalk to remediate pedestrian hazards, restriping of the roadway to better organize parking and add a combination of dedicated bike lane and shared-use bicycle markings (sharrows), and decorative crosswalks.

Clematis Streetscape Improvements, West Palm Beach, FL — Landscape architect. Kimley-Horn is providing landscape architecture and civil engineering services as part of the team designing improvements to the 300 block of Clematis Street in downtown West Palm Beach. In partnership with the City, the team conducted public outreach to residents and visitors. After several public input meetings with Clematis Street merchants, other area merchants, stakeholders, residents and visitors, the City Commission voted to implement recommendations from the award-winning design team.

Las Olas Boulevard Corridor Improvements, Fort Lauderdale, FL — Landscape architect. Kimley-Horn is providing preliminary design, evaluation, and due diligence services for this mixed-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consists of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage; active park and plaza areas; and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area. Las Olas Boulevard is being improved to provide a "Complete Streets" design to better connect the shops, restaurants, and other businesses with the new Oceanside Plaza on the south side of Las Olas Boulevard. The design of Oceanside Plaza includes space for special events such as festivals and concerts; play areas for children; and a convenient porte-cochere drop off. Kimley-Horn is providing the initial site civil engineering design, roadway design, permitting coordination, stormwater, utility, franchise utility coordination, and other services.

Special Qualifications

- More than seven years of experience in landscape and hardscape design, GIS analyses, construction document preparation, and in preparing presentation graphics
- Her project experience includes landscape design, hardscape and amenity design, streetscape design improvements including landscape islands, new street trees and plantings, irrigation, and decorative crosswalks and intersection treatments, and Complete Street elements, such as dedicated bike lanes, on-street parking, improved accessibility, street furnishings, and new landscaping

Professional Credentials

- Bachelor of Landscape Architecture, University of Florida
- Professional Landscape Architect in Florida, #LA6667244, November 16, 2015

Professional Organizations

- American Society of Landscape Architects (ASLA), Full Member

Tricia Richter, PLA

Relevant Experience Continued

15th Street Streetscape, West Palm Beach, FL — Landscape architect. This streetscape features a full complement of Complete Street elements, such as dedicated bike lanes, on street parking, improved accessibility, street furnishings, and new landscaping. The bike lanes are emphasized with a green performance asphalt coating. The street also features new bulb-out islands to help better define and organize parking as well as act as percolating bioswales that will take in stormwater from the existing gutter.

Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study, Hollywood, FL — Landscape architect for the Kimley-Horn team that prepared a Redesign Concept Study for the Dixie Highway and 21st Avenue corridor throughout Hollywood between Pembroke Road and Sheridan Street. A vision for a "transit-ready corridor" along the FEC Railroad was created by designing Complete Streets solutions in anticipation of re-establishing passenger rail service through seamless integration of an anticipated Tri-Rail Coastal Link station. The Complete Streets approach recommended in this study includes a "road diet" lane reduction to repurpose excess automobile capacity for bicyclist, pedestrian, and transit improvements. In addition, the Complete Streets approach will establish a transit-ready corridor for seamless integration of an anticipated Tri-Rail Coastal Link station along the Florida East Coast (FEC) Railroad.

Historic Miramar Complete Streets, Miramar, FL — Landscape architect for the development of design concepts and a phasing plan for the City to implement their Complete Streets vision utilizing a Broward County Redevelopment Program grant. Opinions of probable construction cost were developed in support of the phasing plan, along with a narrative detailing the design and cost differences between the initial grant application and current anticipated construction pricing. The Complete Streets improvements, designated for the 255-acre project area, include 7 miles of sidewalk improvements with accessible ramps and crosswalks, potential biking facilities, decorative crosswalk treatments, street trees, sodded swale improvements, irrigation, and pedestrian level lighting.

Hollywood US 1 Corridor Study, Hollywood, FL — Landscape architect of the Kimley-Horn team selected to design a new cross section for a portion of US 1 that would allow for wider medians, improved sidewalk plantings, and extended medians to control access and improve safety through the corridor. In order to accomplish the City's goals for the corridor, Kimley-Horn worked with FDOT to designate this section of the road under their Transportation Design for Livable Communities (TDLC) program. The TDLC designation allows for a more advantageous horizontal clearance that will allow for larger trees to be planted closer to the curbs and paves the way for allowing the design speed of the corridor to be lowered to match the designated speed, which will allow for a typical section to be approved with narrower drive lanes. Kimley-Horn also presented traffic and crash data analysis to determine where medians could be extended throughout the corridor, allowing for more landscape space in medians and creating less crossing turning movements through the corridor for safety. Renderings of proposed development

5th Avenue South Bikeway and Pedestrian Trail (aka The Royal Poinciana Trail at 5th Avenue South, Lake Worth, FL — Landscape architect. Kimley-Horn provided services to improve pedestrian and bicycle access for a multiuse path on 5th Avenue South and striping bike lanes on B and E streets between Lake Avenue South and 6th Avenue South. Our scope included final engineering design for paving, grading, landscape, hardscape, irrigation, signage, and striping for the project. The project was LAP funded by FDOT and followed LAP guidelines.

Gary Ratay, P.E.

Utility Relocations



Special Qualifications

- Has 33 years of civil engineering experience, with particular expertise in general municipal engineering, stormwater management, project permitting, and construction phase services
- Principal areas of practice include water distribution, wastewater collection, force main and associated pump station design, water treatment plant design, well pump design and site piping, and feasibility and engineering reports
- Has State Revolving Fund (SRF) loan experience

Professional Credentials

- Bachelor of Science, Mechanical Engineering, University of Florida
- Professional Engineer in Florida, #46682, April 15, 1993

Professional Organizations

- Florida Engineering Society
- National Society of Professional Engineers (NSPE)

Relevant Experience

Miramar Parkway Streetscape from SW 64th Avenue to SW 68th Avenue, Miramar, FL — Principal-in-charge for this FDOT LAP funded project that involves roadway, landscape, irrigation, and lighting improvements on Miramar Parkway. Additional project improvements include bicycle lanes, drainage modifications, landscaping, lighting, hardscaping, driveway apron regrading, sidewalk replacement, ADA improvements at the intersections, and a mid-block pedestrian crossing/emergency signal modification.

Historic Miramar Complete Streets, Miramar, FL — Principal-in-charge for the development of design concepts and a phasing plan for the City to implement their Complete Streets vision utilizing a Broward County Redevelopment Program grant. Opinions of probable construction cost were developed in support of the phasing plan, along with a narrative detailing the design and cost differences between the initial grant application and current anticipated construction pricing. The Complete Streets improvements, designated for the 255-acre project area, include 7 miles of sidewalk improvements with accessible ramps and crosswalks, potential biking facilities, decorative crosswalk treatments, street trees, sodded swale improvements, irrigation, and pedestrian level lighting.

Barton Boulevard Streetscape, Rockledge, FL — Project engineer for this $4.2-million facelift for two miles of Barton Boulevard, from US 1 on the east to Fiske Boulevard on the west. Kimley-Horn provided design services to improve traffic flow, add new decorative lighting and landscaping, contain a landscape median, improve pedestrian movements with new sidewalks and bike paths, upgrade drainage and stormwater management, install new mast arm traffic lights, add new infrastructure, and beautify the heart of the Redevelopment district. Kimley-Horn also worked with a number of agencies, such as the Florida Department of Transportation (FDOT), St. Johns River Water Management District, and the FEC Railway. In addition, the major intersection of US 1 and Barton Boulevard was improved as part of a multi-million dollar FDOT road widening project. The City and CRA have contributed $1.5 million dollars for project enhancements which included pedway, landscaping, lighting, and wayside stations.

NW 70th Avenue Enhancements, Plantation, FL — Project manager. Kimley-Horn was selected as a general services consultant for the City of Plantation. As such, the firm has worked closely with the City's Engineering Department on numerous roadway, drainage, and community enhancement projects. Served as project manager for the NW 70th Avenue project. Kimley-Horn provided roadway improvements that included center median improvements, installation of curb and gutter, drop-off lanes for adjacent sites, landscaping improvements, associated culvert and swale improvements, irrigation, and other enhancement features.

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

Gary Ratay, P.E.

Relevant Experience Continued

Lloyd Estates Streetscape and Drainage Improvements, Oakland Park, FL — Principal-in-charge for the design and construction of the Lloyd Estates Residential and Industrial Area Drainage Project. The project involved phased drainage and water distribution system improvements consisting of the construction of a stormwater collection system with water quality treatment measures and possible upgraded outfalls, as well as replacement of select existing water mains within the project area. The professional services included surveying, stormwater analysis, civil and electrical engineering design, landscaping and irrigation, permitting, coordinating with utility providers for adjustments and or relocations, preparing quantity calculations, and engineer's estimates of probable costs.

Miami Lakes Downtown Phase I and II, and Lake Patricia Roadway Drainage Improvement Projects, Miami Lakes, FL — Project manager. Kimley-Horn was involved with the design and permitting services to implement a large roadway and drainage improvement project located in Downtown Miami Lakes. The project area consisted of Bull Run Road from NW 67th Avenue south to Ludlum Road and Miami Lakeway North from NW 67th Avenue to Miami Lakes Drive. It also included Main Street and Meadow Walk from Bull Run to Miami Lakeway North. The capital project included approximately one mile of roadway restoration/resurfacing and drainage improvements in residential/business areas, curbing and sidewalk improvements, a new outfall pipe, swale restoration, signing and pavement markings, and site restoration. The drainage improvements consisted of approximately 3,000 linear feet of exfiltration trench, approximately 2,500 linear feet of HDPE piping, approximately 40 drainage structures and one outfall structure and headwall. Kimley-Horn also provided construction phase services to expedite the project, confirm the project was built in accordance with the design plans, and to minimize impacts to the community during construction.

Miami Lakeway North Resurfacing and Drainage Improvements, A Federally-Funded Design-Build Project, Miami Lakes, FL — Project manager. Kimley-Horn assisted the Town in obtaining more than $600,000 in stimulus funding to construct this roadway and drainage improvement project that includes a portion of Miami Lakeway North between Celebration Point and Miami Lakes Drive and NW 153rd Street from Miami Lakeway North to NW 60th Avenue. Prior to obtaining the stimulus funding, Kimley-Horn assisted the Town in becoming Local Agency Program (LAP) certified so that the Town would be eligible to obtain the stimulus funding. Our team developed a design criteria package—in compliance with Federal funding criteria—which resulted in securing the stimulus funding and award of the project to the design-build team. The project included drainage system improvements such as new stormwater inlets, a new outfall connection, exfiltration trench for water quantity and quality treatment, new sidewalk, and new pavement markings and signage. Kimley-Horn also provided construction phase services to expedite the project and to confirm that the project was built in compliance with the design criteria.

Orange Avenue Utility Project, Fort Pierce, FL — Project manager/engineer during a feasibility study to investigate the installation of a gravity sewer system, lift stations, and forcemain piping to eliminate the use of septic tanks. The project area included all properties on the north and south sides of Orange Avenue from Angle Road west to the eastern right-of-way line of I-95. The report included an analysis of the potential wastewater demands in the area, and a preliminary hydraulic analysis to establish initial pipe and pump station requirements.

Marissa Maring, P.E.

Utility Relocations



Relevant Experience

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

Las Olas Boulevard Corridor Improvements, Fort Lauderdale, FL — Project analyst. Kimley-Horn is providing preliminary design, evaluation, and due diligence services for this mixed-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consists of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage; active park and plaza areas; and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area. Las Olas Boulevard is being improved to provide a "Complete Streets" design to better connect the shops, restaurants, and other businesses with the new Oceanside Plaza on the south side of Las Olas Boulevard. The design of Oceanside Plaza includes space for special events such as festivals and concerts; play areas for children; and a convenient porte-cochere drop off. Kimley-Horn is providing the initial site civil engineering design, roadway design, permitting coordination, stormwater, utility, franchise utility coordination, and other services.

Clematis Streetscape Improvements, West Palm Beach, FL — Project analyst. Kimley-Horn is providing landscape architecture and civil engineering services as part of the team designing improvements to the 300 block of Clematis Street in downtown West Palm Beach. In partnership with the City, the team conducted public outreach so residents and visitors. After several public input meetings with Clematis Street merchants, other area merchants, stakeholders, residents and visitors, the City Commission voted to implement recommendations from the award-winning design team.

Wiles Road Design from Riverside Drive to Rock Island Road, Broward County, FL — Wiles Road Phase II Utility Relocation from Riverside Drive to Rock Island Road, Coral Springs, FL — Project engineer. Broward County implemented road improvements for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. As part of the roadway improvements the City of Coral Springs was required to relocate approximately 5,650 LF of 6", 8", 10", 12", and 16" watermain throughout the corridor. The City of Coral Springs selected Kimley-Horn to prepare the utility relocation plans. Kimley-Horn prepared construction documents, permitted, and is providing post design services for this project while working closely with the City, County and County's roadway design firm to ensure that little to no interruptions of the end users' services occurred. The design of this project was completed in 2017 and construction is currently ongoing and scheduled to be completed at the end of 2019.

Special Qualifications

- Has five years of engineering experience, including water/wastewater utility design, water/wastewater/reuse master planning, advanced water treatment processes and facilities design, hydraulic modeling, environmental remediation, preparation of engineering drawings, permitting, and site/plan preparation and review
- Experience with AutoCAD, InfoWater, and ArcGIS

Professional Credentials

- Bachelor, Engineering, Syracuse University
- Professional Engineer in Florida, 84325, December 16, 2017

Professional Organizations

- American Public Works Association (APWA)
- American Water Works Association (AWWA)
- Florida Water Environment Association (FWEA)

Marissa Maring, P.E.

Relevant Experience Continued

Melaleuca Drive Roadway Improvements, Margate, FL — Project analyst. Kimley-Horn provided civil engineering and landscape architectural services for this project to design new sidewalks, accessible crossings, landscape, and provide irrigation improvements for this residential street that connects Atlantic Boulevard to NW 9th Court. The project focused on preserving existing trees and adding pockets of colorful plantings along the sidewalk to create a pleasant pedestrian experience.

Miramar Historic Downtown Revitalization, Miramar, FL — Project analyst. The Historic Downtown Revitalization is a streetscape project on Miramar Parkway between SW 68th Avenue to SW 69th Way within the City of Miramar. The project improvements include landscaping, sidewalks, street lighting, ADA improvements at the intersections, and a mid-block pedestrian crossing. Additionally, SW 69th Way had minor flooding issues which were addressed during this project.

Miramar Parkway Streetscape from SW 64th Avenue to SW 68th Avenue, Miramar, FL — Project analyst for this FDOT LAP funded project that involves roadway, landscape, irrigation, and lighting improvements on Miramar Parkway. Additional project improvements include bicycle lanes, drainage modifications, landscaping, lighting, hardscaping, driveway apron regrading, sidewalk replacement, ADA improvements at the intersections, and a mid-block pedestrian crossing/emergency signal modification.

Wiles Road Design from Rock Island Road to US 441 (SR 7), Coral Springs, FL — Wiles Road Phase I Utility Relocation from Rock Island to US 441 (SR 7), Coral Springs, FL — Project engineer. Broward County implemented road improvements for the widening of Wiles Road a 6-lane divided urban arterial from Rock Island Road to US 441 (SR 7). As part of the roadway improvements the City of Coral Springs was required to relocate approximately 2,100 LF of 8", 12", and 16" watermain along with 1,400 LF of 8" and 10" forcemain throughout the corridor. The City of Coral Springs selected Kimley-Horn to prepare the utility relocation plans. Kimley-Horn prepared construction documents, permitted, and provided post design services for this project while working closely with the City, County and County's roadway design firm to ensure that little to no interruptions of the end users' services occurred. This project was designed in 2015 and construction was completed in 2017.

James D. Stoner, P.S.M.
President

Professional Profile



Mr. Stoner is a second generation Land Surveyor, with over forty years of surveying experience in South Florida. He began his surveying career at Williams, Hatfield, & Stoner, Inc. working from the bottom as a Rodman, all the way up to Vice President of the Surveying Department.

Mr. Stoner founded Stoner & Associates, Inc. in 1988, based on the philosophy that attention to detail and quality work would create a successful firm. He manages all aspects of the firm's growth and development.

Mr. Stoner has supervised both small and large scale surveying projects. His firm has successfully completed numerous roadway and other various projects, while working directly with the clients and consultants.

Education

Associates of Science in Land Surveying
Palm Beach Community College in 1979

Professional Registrations

State of Florida Professional Surveyor and Mapper
License Number LS4039

Professional Affiliations

Florida Surveying and Mapping Society
Florida Surveying and Mapping Society – Broward Chapter
American Congress on Surveying and Mapping
Leadership Broward



RAJ KRISHNASAMY, P.E.

PRESIDENT, PRINCIPAL ENGINEER
33 Years of Experience
Percentage Availability: 35%

PROFESSIONAL QUALIFICATIONS

EDUCATION

- MS in Geotechnical Engineering, University of Memphis, 1995
- BS in Civil Engineering, Christian Brothers University, 1987
- Diploma in Electronic Engineering, Malaysian Air Force Institute, 1984

PROFESSIONAL ORGANIZATION AND REGISTRATION

- Professional Engineer: Florida, 53567
- Water Well Contractor, Florida, 11346
- Certified OSHA Supervisor
- Certified Environmental Consultant

PROFESSIONAL EXPERIENCE

Mr. Raj Krishnasamy, P.E., President and Principal Engineer of TSF, is a Florida State registered Geotechnical Engineer with over 33 years of experience. Mr. Krishnasamy oversees the geotechnical engineering, construction materials testing, and inspection services operations. His experience consists of successfully completing over 5,000 public and private projects, over 200 roadway projects, and design-build projects totaling over $2 billion in construction costs. He serves as Project Manager for continuing contracts with over 20 Florida public agencies. He has a history of repeatedly retaining those contracts through successful, cost-effective and prompt execution of each task order. Mr. Krishnasamy's daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida. Mr. Krishnasamy and his highly experienced team focus on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget.

RELEVANT PROJECT EXPERIENCE

SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida. Mr. Krishnasamy was the Principal-in-Charge of the geotechnical engineering services for several roadway improvements under consideration on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County. The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans for the improvements. Reviewed the existing data from previous geotechnical studies. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, permanent sheet pill wall, light pole installation, and construction considerations.

SW 4th Avenue at SW 28th Street, Broward County, Florida. Mr. Krishnasamy was the Principal-in-Charge of the geotechnical engineering services for the safety improvement project at the intersection of SW 4th Avenue at SW 28th Street in Broward County. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans for the improvements. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction.

RELEVANT PROJECT EXPERIENCE, *continued*

I-75 Express Lanes Segment D from South of Sheridan Street to North of Griffin Road, Broward County, Florida. Mr. Krishnasamy was the Principal-in-Charge of the geotechnical engineering services for Segment D of the I-75 Express Lanes Project which extends from approximately 4,000 feet south of Sheridan Street at milepost 4.645 to approximately 800 feet north of the South Florida Water Management District (SFWMD) C-11 Canal Bridge (north of Griffin Road) at milepost 8.344 in Broward County, for a total distance of approximately 3.7 miles.

Copans Road Wastewater Replacement Project, Coconut Creek, Florida. Mr. Krishnasamy was the Principal-in-Charge of the geotechnical engineering study for the Copans Road Wastewater Replacement Project in Coconut Creek. The project consisted of the replacement of the existing force main extending from Sample Road along Lyons to Copans Road and from Copans Road to Florida's Turnpike for a length of about 11,500 linear feet. Provided geotechnical evaluations and recommendations regarding excavations, trench backfill and lateral earth pressures.

ADDITIONAL ABBREVIATED PROJECT EXPERIENCE

- Flashers on Strain Poles – Sample Road, West of University, Coral Springs, Florida
- Parking Lot Pavement Cores, 11540-11550 Wiles Road, Coral Springs, Florida
- Nob Hill Road, Coral Springs, Florida
- Pine Island Road Widening from SR 84 to Nova Drive, Broward County, Florida
- All Electronic Tolling (AET) Phase 5A Conversion, Broward and Palm Beach Counties, Florida (2014)
- SW 36th Street Relocation from SW 73rd Avenue to SW 76th Terrace, Davie, Florida
- Wiles Rd Widening from Rock Island Rd to US-441, Broward County, Florida
- SW 67th Avenue from SW 41st Court to Orange Drive, Davie, Florida
- Hiatus Road Extension from Sunrise Boulevard to Oakland Park Boulevard, Broward County, Florida
- South Florida AET Phase 4B, Broward and Miami-Dade Counties, Florida
- Improvement of SR A1A from south of SE 3rd Street to north of NE 7th Street, City of Deerfield Beach, Florida
- SW 36th Avenue Pedestrian Bridge and Path, City of Pompano Beach, Florida
- ATMS Deployment in Southern Broward County (Design-Build Project), Broward County, Florida
- SFRC Bascule Bridge Replacement over the New River, Broward County, Florida
- I-95 Express Lanes in Broward and Miami-Dade Counties - Design-Build
- NE 34th Court Roadway Improvements, Oakland Park, Florida
- SW 202 Avenue, Southwest Ranch, Florida
- Safety Projects - Intersection of SR 824 & SW 31st Avenue and Intersection SR 817 & Miramar Parkway, Broward County, Florida
- ATMS Installation in Central Broward County, Broward County, Florida
- SR 823/Flamingo Road from North of SR 818/Griffin Road to South of SR 84, Broward County, Florida
- Pedestrian Bridge at Floranda Road, Oakland Park, Florida



KUMAR VEDULA, P.E.

PRINCIPAL ENGINEER
24 Years of Experience
Percentage Availability: 60%

PROFESSIONAL QUALIFICATIONS

EDUCATION

- MS in Geotechnical Engineering, University of Memphis, 1995
- BE in Civil Engineering, Andhra University, 1992

PROFESSIONAL ORGANIZATION AND REGISTRATION

- Professional Engineer: Florida, 54873
- American Society of Civil Engineers, Past President (Broward Branch)

PROFESSIONAL EXPERIENCE

Mr. Vedula, a Florida-Registered Professional Engineer, has over 24 years of experience providing engineering services for a wide variety of geotechnical projects involving foundation design, slope stability analysis, WEAP analysis and interpreting PDA reports, excavation support, and construction inspection. His extensive experience includes foundation inspections (shallow and deep foundations), soil modification (dynamic compaction, stone columns), preloading, excavations, backfilling, and post construction monitoring. Mr. Vedula has served as a principal inspector on numerous surcharging and settlement evaluations of organic laden soils assignments. His project experience includes 300+ geotechnical engineering studies for various projects types including stadiums, parks, piers, shoreline stabilization, dredging, bridges, roadways, utilities, high rise buildings, schools and government facilities. Mr. Vedula has authored, and co-authored papers published in national and international publications.

RELEVANT PROJECT EXPERIENCE

Marina Mile (SR 84) at SW 15th Avenue, Broward County, Florida Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for the safety improvement project at the intersection of Marina Mile Boulevard (SR 84) and SW 15th Avenue in Broward County, Florida. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans for the improvements. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction

SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida. Mr. Vedula was the senior geotechnical engineer for the geotechnical engineering services for several roadway improvements on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County, Florida. The purpose of the study was to provide Geotechnical input to the design team to assist in evaluation of the merits of the potential roadway improvements. The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans for the improvements. TSF also reviewed the existing data from previous studies. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, permanent sheet pill wall, light pole installation, and construction considerations.

RELEVANT PROJECT EXPERIENCE, *continued*

SW 4th Avenue at SW 28th Street, Broward County, Florida. Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical study for the safety improvement project at the intersection of SW 4th Avenue at SW 28th Street in Broward County, Florida. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans for the improvements. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction.

SR 817/University Drive at Johnson St, Widen/Resurface Existing Lanes, Broward County, Florida. Mr. Vedula was the Principal Geotechnical Engineer for the SR 817/University Drive at Johnson St, Widening and Resurfacing of Existing Lanes in Broward County. The project consists of three lanes in both north/south directions with both right and left turn lanes for the northbound lanes, and a left turn lane for the southbound lane. Improvements for this project also include new light poles. Provided a geotechnical report including engineering evaluations and recommendations.

Sheridan Street and Dykes Road Intersection Improvements, Broward County, Florida. Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for the intersection improvement project. The improvements included signalization structures and roadway improvements. Provided a geotechnical Service Report summarizing the course of study pursued, field data, subsurface conditions, and geotechnical recommendations regarding pavement and foundation design and drilled shaft construction recommendations for mast arms.

ADDITIONAL ABBREVIATED PROJECT EXPERIENCE

- Flashers on Strain Poles – Sample Road, West of University, Coral Springs, Florida
- Parking Lot Pavement Cores, 11540-11550 Wiles Road, Coral Springs, Florida
- Nob Hill Road, Coral Springs, Florida
- Pine Island Road Widening from SR 84 to Nova Drive, Broward County, Florida
- All Electronic Tolling (AET) Phase 5A Conversion, Broward and Palm Beach Counties, Florida (2014)
- SW 36th Street Relocation from SW 73rd Avenue to SW 76th Terrace, Davie, Florida
- Wiles Rd Widening from Rock Island Rd to US-441, Broward County, Florida
- SW 67th Avenue from SW 41st Court to Orange Drive, Davie, Florida
- Hiatus Road Extension from Sunrise Boulevard to Oakland Park Boulevard, Broward County, Florida
- South Florida AET Phase 4B, Broward and Miami-Dade Counties, Florida
- Improvement of SR A1A from south of SE 3rd Street to north of NE 7th Street, City of Deerfield Beach, Florida
- SW 36th Avenue Pedestrian Bridge and Path, City of Pompano Beach, Florida
- ATMS Deployment in Southern Broward County (Design-Build Project), Broward County, Florida
- SFRC Bascule Bridge Replacement over the New River, Broward County, Florida



FRANCOIS THOMAS, P.E., S.I.

PRINCIPAL MATERIALS ENGINEER/ SPECIAL INSPECTOR
27 Years of Experience
Percentage Availability: 50%

PROFESSIONAL QUALIFICATIONS

EDUCATION

- MS in Geotechnical Engineering, University of Alabama, 1993
- BS in Civil Engineering, University of Alabama, 1991

PROFESSIONAL ORGANIZATION AND REGISTRATION

- Professional Engineer: Florida, 56381
- Special Inspector 7021399
- Radiation Safety Officer
- Certified Masonry Inspector
- Certified Troxler Operator

PROFESSIONAL EXPERIENCE

Mr. Thomas is a Florida-Registered Professional Engineer and Special Inspector with more than 27 years of experience in geotechnical engineering, construction materials testing, and inspection services. He serves as Principal Materials Engineer, supervising the laboratory services, construction materials testing and inspections. He has extensive experience in deep and shallow foundation systems, soil stabilization methods, grouting, and pavement sections evaluation. He has been involved in construction monitoring and supervision for private and government facilities, including construction/foundation installation for port, airport, commercial, municipal, healthcare, retail and school facilities. He has monitored the construction of numerous civil and structural designs involving earthwork, concrete, masonry and asphalt operations. Having completed quality control testing for numerous projects for FDOT, Mr. Thomas is extensively familiar with the FDOT's processes and procedures. He is committed to completing projects on time and within budget, with a proven record of flexible scheduling through night/weekend shifts and on occasions 24-hour shifts as needed.

RELEVANT PROJECT EXPERIENCE

I-75 Express Lanes Segment A/B from NW 170th Street to South of Miramar Parkway, Broward & Miami-Dade Counties, Florida. Mr. Thomas was the Principal Geotechnical Engineer for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also included reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections.

I-75 Express Lanes Segment C, from south of Miramar Parkway to Sheridan Street, Broward County, Florida. Mr. Thomas was the Principal Geotechnical Engineer for Segment C of the I-75 Express Lanes Project which extends from approximately 2,400 feet south of Miramar Parkway at milepost 1.080 to approximately 4,000 feet South of Sheridan Street at milepost 4.645 in Broward County, for a total distance of approximately 3.6 miles.

RELEVANT PROJECT EXPERIENCE, *continued*

I-75 Express Lanes Segment D from South of Sheridan Street to North of Griffin Road, Broward County, Florida. Mr. Thomas was the Principal Geotechnical Engineer for the design and construction of Segment D of the I-75 Express Lanes Project which extends from approximately 4,000 feet south of Sheridan Street at milepost 4.645 to approximately 800 feet north of the South Florida Water Management District (SFWMD) C-11 Canal Bridge (north of Griffin Road) at milepost 8.344 in Broward County, for a total distance of approximately 3.7 miles.

CR-811/Dixie Highway Fly-Over, Broward & Palm Beach Counties, Florida. Mr. Thomas was the Principal Geotechnical Engineer for the design and construction of the CR-811 / Dixie Highway Fly-Over located in Broward and Palm Beach Counties. Performed a geotechnical engineering study for the new overpass. Provided a geotechnical report with analysis and recommendations for bridge foundation, MSE Wall and roadway soil survey. Prepared TSP for surcharge, settlement monitoring and vibration monitoring. Geotechnical recommendations also included a discussion of soil suitability, groundwater, and other site/construction considerations. Prior to construction, performed baseline vibration monitoring for the railroad track with both a loaded train and empty train. Provided pile driving inspections and foundation certification as well as pile load tests. Also provided Quality Control services during construction.

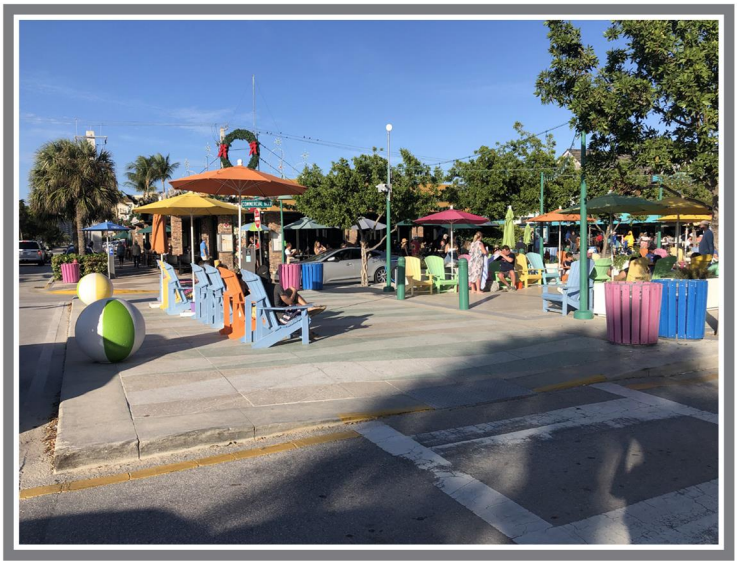
ADDITIONAL ABBREVIATED PROJECT EXPERIENCE

- Flashers on Strain Poles – Sample Road, West of University, Coral Springs, Florida
- Parking Lot Pavement Cores, 11540-11550 Wiles Road, Coral Springs, Florida
- Nob Hill Road, Coral Springs, Florida
- Pine Island Road Widening from SR 84 to Nova Drive, Broward County, Florida
- All Electronic Tolling (AET) Phase 5A Conversion, Broward and Palm Beach Counties, Florida (2014)
- SW 36th Street Relocation from SW 73rd Avenue to SW 76th Terrace, Davie, Florida
- Wiles Rd Widening from Rock Island Rd to US-441, Broward County, Florida
- SW 67th Avenue from SW 41st Court to Orange Drive, Davie, Florida
- Hiatus Road Extension from Sunrise Boulevard to Oakland Park Boulevard, Broward County, Florida
- South Florida AET Phase 4B, Broward and Miami-Dade Counties, Florida
- Improvement of SR A1A from south of SE 3rd Street to north of NE 7th Street, City of Deerfield Beach, Florida
- SW 36th Avenue Pedestrian Bridge and Path, City of Pompano Beach, Florida
- ATMS Deployment in Southern Broward County (Design-Build Project), Broward County, Florida
- SFRC Bascule Bridge Replacement over the New River, Broward County, Florida
- I-95 Express Lanes in Broward and Miami-Dade Counties - Design-Build
- NE 34th Court Roadway Improvements, Oakland Park, Florida
- SW 202 Avenue, Southwest Ranch, Florida
- Safety Projects - Intersection of SR 824 & SW 31st Avenue and Intersection SR 817 & Miramar Parkway, Broward County, Florida
- ATMS Installation in Central Broward County, Broward County, Florida
- SR 823/Flamingo Road from North of SR 818/Griffin Road to South of SR 84, Broward County, Florida

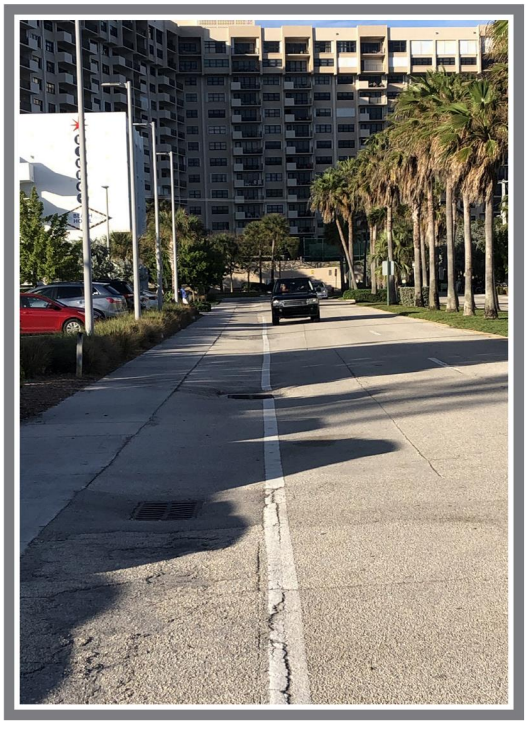
Approach

Our multi-disciplinary approach plays an important role in the design process, providing aesthetic, functional, and scientific contributions to project design. Our approach to the El Mar Drive Design Project from Palm Avenue to Pine Avenue will focus on saving you and your staff time and making sure the project goals and deadlines are met. Kimley-Horn will provide the full range of professional services from analysis, conceptual planning, and estimating to the preparation of construction documents and follow through to post-design and project closeout. Our team will be available for public presentations to communicate and work with the public, offering collaborative opportunities to establish their priorities and solutions for their concerns and issues. We are confident that you will find the technical expertise and illustration, graphic, and presentation skills of the Kimley-Horn team to be invaluable during public meetings or Town Council presentations. We will be an extension of your staff throughout all surveying, engineering, and landscape architectural aspects of the design.

Our team includes DBE businesses: **Stoner and Associates, Inc.** for survey services and **Tierra South Florida, Inc.** for geotechnical services. We have an excellent long-term working relationship with them, and they have successfully served Lauderdale-By-The-Sea on several projects in the past.



Stefano Viola, P.E. will be the Town's point of contact and project manager for this project. He understands that communication and project documentation are critical to successful projects. Communication with the Town's project manager and the documentation of meetings and project decisions is critical from project inception to construction close-out. He has recently acted as Kimley-Horn's project manager for the Miramar Parkway Historic Downtown Revitalization Streetscape project for the City of Miramar and is currently serving as the project manager for Pompano Beach's McNab Road streetscape project which is in the design phase.



To further demonstrate the continuity of our design team, **Jonathan Haigh, PLA** will head up landscape architectural and streetscape design, **Stewart Robertson, P.E.** will offer quality control reviews and Complete Streets design input for the project, and **Stefano Viola, P.E.** will lead the team as project manager and as the project civil engineer. As the project manager assigned to the project, Stefano will ensure that the Town receives extensive staffing to meet all project schedules. This group has previously worked together on projects and are currently serving several Broward County municipalities, they all are well-versed with the municipal expectations for plans and schedule demands.

Crafting the Design

Lauderdale-By-The-Seas' residents and visitors are sophisticated and demand public spaces that are safe, walkable, beautiful, livable, and welcoming. Considering that the El Mar Drive project addresses environmental issues as well as specific aesthetic and pedestrian connectivity concerns, this project will require creative design solutions that consider complex project requirements. The Kimley-Horn team has applicable experience with all aspects of the El Mar Drive Design Project scope of services. We have visited the project site to observe potential design issues along the corridor.

- Kimley-Horn anticipates that permitting will be required through the following entities:
  - » Lauderdale-By-The-Sea – Town Building Department and Staff review
  - » Broward County Highway and Construction Engineering Division – Roadway & signing and marking
  - » Florida DEP – Coastal Construction Control Line (CCCL)
  - » Broward County Surface Water Management Program – Drainage

If selected for this project, Kimley-Horn will clarify the Town's expectations for design, budget, and schedule in a pre-scope meeting. Upon successful negotiation of a scope and fee for the project and given our notice to proceed, Kimley-Horn will initiate survey and geotechnical services and review in further detail all readily available information and meet with the Town to discuss all of the information and identify any additional items that need to be researched, studied, or acquired. We will perform a site visit to observe existing conditions, verify the survey and other data, and identify opportunities and constraints. Kimley-Horn will provide concepts that will be presented to Town staff for input. Upon reaching a consensus on the final design program, we will refine the design and prepare the required permit submittals and construction documents.





Creative design is clearly an important part of each assignment, but sustainability of that design is just as important. Our participation in master plans and studies for some of the most high-profile streetscapes and roadways in the state gives us an edge in crafting creative design solutions that are bold, fresh, and engaging—yet, implementable, affordable, sustainable, and maintainable over time. We believe that great design solutions for each "component part" will lead to a "composite whole" of outstanding experiences. Since our resulting designs will be maintained by Town staff, we will also coordinate each design solution with the appropriate department to benefit from their (and our) lessons learned, experiences, and budgetary and staff limitations to craft a practical and maintainable solution.

After approval of the project drawings by the Town and Regulatory Agencies, we will work with the Town throughout the bid phase and construction phase. For the post-design phase of the project, Kimley-Horn's engineers and landscape architects offer highly experienced and highly qualified technical input and observation of construction projects. They are fully aware of issues that might necessitate field changes related to unforeseen conditions, can effectively respond to contractor requests for information, and will review contractor shop drawings in a timely manner to keep the construction on schedule and on budget.

Typical Project Schedule

While we generally understand that the process will likely entail two (2) steps or phases, we have prepared the following proposed project schedule for your review and consideration, which we look forward to further refining and discussing with Lauderdale-By-The-Sea staff.

PHASE ONE

Stage One: Reconnaissance / Understanding / Outreach

As we embark upon the El Mar Drive Design Project, starting with a sound foundation of the project understanding, goals, timeline expectations, budgets, and team members is vital. During this initial phase of work, the team will focus on the following tasks:

Project Mobilization and Kick-off Meeting

- We have thoroughly reviewed the anticipated improvements for the project and are ready to discuss and ensure that the intent is met.
- Project kick-off meeting with Town staff for development of project procedures, preliminary schedules, and development of project database
- Follow-up staff meeting(s) with the Town

Identification and Review of Existing Data and Collection of Additional Base Data

- Review of existing data and assessment of needed additional data
- Survey of Existing Conditions, certification of topography, and geotechnical/soil studies. Our survey geotechnical subconsultants, Stoner and Associates, Inc. and Tierra South Florida, Inc. are familiar with the area and can be mobilized quickly and efficiently
- Right-of-Way Boundaries
- Traffic data collection
- Infrastructure review and further testing required such as:
  - » Existing utility locates and assessment of utilities
  - » Overhead Electric



Preparation of Site Opportunities and Constraints

An important document in which to utilize as a tool to present to the public and Town Leadership on the goals and objectives of the project while understanding and presenting the physical, infrastructure, environmental, regulatory, and social/cultural opportunities and constraints of the site area. We will emphasize the important focus on context-sensitive design and placemaking. We will discuss the Town's resiliency goals to ensure they are incorporated where possible.

Project Programming

- Development of overall strategic implementation alternatives and phasing in coordination with the Town
- Development of work plans for design and implementation
- Development of protocols for communication, documentation and file management, schedule and budget controls, and quality control (QC) plan

Our consensus building program will focus on balancing the needs of all users including Town staff and residents while also accounting for neighbors directly impacted by the development. Our program will consist of some or all of the following:

- Public meetings/Private citizen meetings
- Stakeholder meetings/Focus Group meetings
- Neighborhood meetings
- Social media/web page/email blasts/printed materials
- Progress discussions/meetings with staff

Stage Two: Conceptual Planning/Consensus Building/Programming

Once Stage One has been completed, the design team will focus on the development and update of preliminary conceptual alternative programs and plans. These alternatives will be based on the understanding and outreach developed during the Stage One work. The alternatives will illustrate the programmatic elements of the project while also being accompanied by a 30% level cost estimate to be reviewed by the Town.

Development of Preliminary Conceptual Plans of the Following Improvements:

- Streetscape
  - » Typical cross section zones (pedestrians, on-street parking, bicycle lanes, shared-use paths, street furniture, future redevelopment) concepts
- Water, Sewer, and Reclaimed Water Utility Improvements
  - » Existing and proposed water, sewer, and stormwater
  - » Utility adjustments, including any overhead electric conversion
- Signage and Marking
  - » Pedestrian, bicycle, and vehicular guide signage
  - » Coordination with Broward County Traffic
- Landscaping
  - » Design of typical concrete walks and planting beds
  - » Identify special conditions requiring enhanced treatments to be coordinated with and approved by the Town
  - » Coordinate with all required jurisdictions for the exterior spaces (i.e. Public Works, Planning and Zoning, etc.)
  - » Develop a landscape pallet of medium-sized flowering trees and or palms
  - » Select plant material considering water requirements and long-term maintenance
- Irrigation
  - » oldentify water sources
    - » Reclaim water
    - » Potable water
    - » Well water
- Lighting
  - » Decorative sight/street lighting



644

Public Outreach/Consensus Building

- Public meeting
- Elected Officials
- Advisory Boards
- Staff
- Focus Group
- On-going staff meetings/preparation of progress reports
- Town staff and Kimley-Horn team review of public input



Preliminary Agency and Permit Coordination

The design team will conduct pre-application meetings with permitting agencies to ensure that preliminary concepts are permittable and will prepare plans for the review and approval of the following agencies:

- Town Planning and Zoning Department
- Town Building Department
- Broward County Traffic Engineering
- Broward County Highway Construction and Engineering
- Broward County Transit
- City of Pompano Beach Utilities
- City of Fort Lauderdale Utilities
- Broward County Stormwater Management Division
- South Florida Water Management District
- Public Works



Refine Preliminary Concept Plans, based on public input for confirmation by Town

- Community Redevelopment Agency
- Others as Town staff deems appropriate

PHASE TWO

Stage Three: Detailed Design

Once the strategic implementation strategy of improvements has been refined and determined during Phase One, the design team will embark upon the detailed design of the proposed improvements. As an integral part of this process, the design team will continue to develop the cost estimate for the project.

Schematic Design

During this phase of work, the overall project will be developed in sufficient detail to fix and describe the project elements, as well as to further refine the character of the improvements. During this phase of work, we will provide a 60% level project Cost Estimate alongside the Schematic Design package for the Town's for review and approval. Refinements to the proposed development include:

- Roadway improvements
- Water, sewer, and drainage improvement
- Signage and Pavement Markings
- New Landscape and Irrigation
- New/Upgraded sidewalks
- Hardening and/or overhead utility conversions
- New site lighting
- Review by Town staff
- On-going Permit Coordination with the following agencies
  - Town Planning and Zoning Department
  - Town Building Department
  - Broward County Traffic Engineering
  - Broward County Highway Construction and Engineering
  - Broward County Transit
  - City of Pompano Beach Utilities
  - City of Fort Lauderdale Utilities
  - Broward County Stormwater Management Division
  - South Florida Water Management District
  - Public Works
- Public Outreach/Updates
  - Public meeting
  - Stakeholder meetings
  - Web-page/social media/email blasts/printed materials
- Project Administration/Preparation of Project Progress Reports and Coordination with Town staff

Construction Documents

Once the Schematic Design work has been completed and preliminary budgets have been approved and reviewed, the design team will embark on the development of the construction documents necessary for the improvements. During this stage of work, the team will develop a 90% project Cost Estimate for the Town's review.

Depending on the outcome of the strategy for implementation, the design team may develop a series of packages for ease of permitting and implementation. This will be determined during the development of the Schematic Design drawings.

30% Construction Documents

This progress set of drawings will further refine and fix the details and constructability of the project.

- Roadway improvements
- Water, sewer, and drainage improvement
- Signage and Pavement Markings
- New Landscape and Irrigation

- New/ Upgraded sidewalks
- Hardening and/or overhead utility conversions (if necessary)
- New site lighting

Drawing packages will be prepared that will include the necessary disciplines, such as:

- Site Work
  - » Survey of existing conditions, including topographic survey
  - » Demolition Plans
  - » Site Layout
  - » Hardscape Plans
  - » Paving, Grading, and Drainage
  - » Water and Sewer Plans
  - » Electrical Plans
  - » Pavement Markings
  - » Lighting Plans
  - » Landscape Plans
  - » Existing utility designation
- Public Outreach/Updates
  - » Public meeting
  - » Stakeholder meetings



60% Construction Documents

During the development of this set, specific materials for construction will begin to be determined. This effort will be based on input from the Town related to pricing, as well as value engineering input gained during the review of the 30% drawings. The drawings prepared during the 60% submission will be in more detail and will include plans, sections, details, and preliminary technical specifications necessary for the internal coordination within the team.

Once proposed pipe alignments have been identified, we will conduct utility locating services to assess potential conflicts.

90% Construction Documents

This set of construction drawings will be utilized for the final permitting of the project with the associated agencies at a federal, state, and local level. The drawings will incorporate the review comments received from the 60% drawings, and if available, any preliminary permit comments that have been collected during the design process.

Final Construction Documents

This set of construction drawings and technical specifications will be utilized by the contractor for implementation of the project. All permit comments will have been incorporated and the final set of construction drawings will be provided to the Town.

- Public Outreach/Updates
  - » Public meeting
  - » Stakeholder meetings
  - » Web-page/social media/email blasts/printed materials

Stage Four: Permitting

During the development of the conceptual and detailed design drawings, we have found it to be very helpful to coordinate with the various permitting agencies during the process.

Therefore, as described in the various stages above, we have recommended preliminary coordination and review by the federal, state, and local permitting agencies.

The Kimley-Horn team will be responsible for obtaining all necessary permits from the following agencies:

- Broward County Traffic Engineering
- Broward County Highway Construction and Engineering
- City of Pompano Beach Utilities
- City of Fort Lauderdale Utilities
- Broward County Stormwater Management Division
- South Florida Water Management District
- Public Works
- Town Building Department

Stage Five: Construction Related Services

Our design team will provide bidding and construction related services.

We will prepare the bid documents and schedule of values, attend pre-bid meeting, respond to bidder questions, prepare addenda and revisions, review contractor bids and assist the Town making bid award recommendations. Our team can also help in establishing a methodology to set up a procurement process that will help ensure the selection of the most qualified contractor, which should help in maintaining the project within budget and on schedule.

During construction, Kimley-Horn will ensure that the design intent is met by reviewing product samples and typical installation and provide technically skilled field observation staff given their experience, familiarity with the existing conditions and utilities in the corridor, experience with Town departments, and proximity to the project site. The design team can provide the following construction management and inspection services related to the improvements.

- In-House Construction Related Services
  - » Pre-Construction conference(s), project start-up and organization meeting(s)
  - » Respond to RFI's, shop drawing submittals
  - » Respond to Requests for Supplemental Information
  - » Review of pay request applications and change orders
  - » Preparation of correspondence related to construction administration and communication with Town and Contractor
  - » Site Observation Reports
  - » Maintain logs for RFI's, reports, drawings, shop drawings
  - » Maintain Construction website for public outreach
  - » Preparation of progress reports and financial data regards to financing and operational expenses
  - » Preparation of substantial completion punch list(s)
  - » Review of record drawings
  - » Preparation of close out documents

  - » Other duties and responsibilities as necessary related to the management of the construction
- On-Site Construction Inspection
  - » Threshold inspection services
  - » Site observation and inspection of utility improvements and certification
  - » Site observation and review of construction to insure conformity with plans and material specifications
  - » Attendance at job site construction meetings
  - » Preparation of daily reports

Familiarity with Permitting Agencies and Permitting Procedures in South Florida

The firm's engineers, scientists, and planners maintain regular contact with virtually all key regulatory agencies and their decision makers throughout South Florida. This rich network of interpersonal relationships enables us to provide expeditious services relative to agency reviews and approvals. Our staff members make it a habit to stay informed about the latest changes and status of rules affecting the permitting process. Our staff not only understands agency procedures, but also their expectations, enabling us to minimize delays and rework of our clients' submittals.

Our staff has successfully represented clients before numerous federal, state, and local agencies including regional planning councils, the US Army Corps of Engineers, the Florida Department of Environmental Protection, and water management districts. We are experienced in preparing permit applications for these agencies, know what is required to gain approval, and excel in providing the high level of coordination that facilitates the permitting process.

Financial Resources

Kimley-Horn is financially strong, and we are committed to our continued financial health. We currently maintain a multimillion dollar line of credit with no outstanding balance, and we have no other external debt. In addition, we maintain average cash balances in the mid to high eight figure range. Kimley-Horn's philosophy is to provide for our operating capital needs without relying on traditional outside debt or equity, and over the past 10 years plus, our operating capital needs have been fully satisfied by operational cash flow. We maintain a disciplined focus on business fundamentals, operate the firm conservatively, and our internal controls and business standards are designed to keep our foundation strong. We accomplish this through a combination of practice diversity, strong client service, exceptionally talented staff, and a focus on our financial strength.



649

RFQ FORMS

RFQ Form 2: REFERENCES

Respondent: Kimley-Horn and Associates, Inc.

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

Give contact information for at least four individuals, corporations, agencies, or institutions for which you have performed work similar to what is proposed in this RFQ:

1. Name of Contact: Horacio Danovich; City of Pompano Beach
   Title of Contact: CIP and Innovation District Director Email: Horacio.Danovich@copbfl.com
   Telephone Number: 954.786.7834 Fax Number: 954.786.7836
   Project: McNab Road Streetscape Improvements

2. Name of Contact: O. Tom Ruiz, CGC, CFM; City of Miami Gardens
   Title of Contact: Public Works Director Email: truiz@miamigardens-fl.gov
   Telephone Number: 786.279.1260 Fax Number: 305.622.8032
   Project: NW 7th Avenue Streetscape Improvements

3. Name of Contact: Najla Zerrouki, P.E.; City of Coral Springs
   Title of Contact: City Engineer Email: nzerrouki@coralsprings.org
   Telephone Number: 954.345.2188 Fax Number: 954.345.2169
   Project: Wiles Road Phase 1 and 2 Roadway Improvements

4. Name of Contact: Ronald Desbrunes, P.E.; City of Lauderdale Lakes
   Title of Contact: Director/Public Works Email: ronaldd@lauderdalelakes.org
   Telephone Number: 954.535.2778 Fax Number: 954.733.4220
   Project: W 41st Street Traffic Calming

6. Insurance

Kimley-Horn commits to, and is able to, obtain and provide proof of insurance that meets the requirements specified in the Professional Services Contract.

Client#: 25320 KIMLHORN

ACORD™ 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).

PRODUCER	CONTACT NAME: Jerry Noyola
Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022	PHONE (A/C, No, Ext): 770-552-4225 FAX (A/C, No): 866-550-4082 E-MAIL ADDRESS: jerry.noyola@greyling.com
	INSURER(S) AFFORDING COVERAGE — NAIC #
	INSURER A : National Union Fire Ins. Co. — 19445
INSURED Kimley-Horn and Associates, Inc. 421 Fayetteville Street, Suite 600 Raleigh, NC 27601	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	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X Contractual Liab. GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT X LOC OTHER:			5268169	04/01/2018	04/01/2019	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$1,000,000 $500,000 $25,000 $1,000,000 $2,000,000 $2,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY			4489663	04/01/2018	04/01/2019	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$1,000,000 $ $ $
B	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION $0			CX005FT18	04/01/2018	04/01/2019	EACH OCCURRENCE AGGREGATE	$5,000,000 $5,000,000
C A C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N 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	X PER STATUTE / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $1,000,000 $1,000,000 $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

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651

7. Professional Services Contract

We at Kimley-Horn and Associates, Inc. are excited about the opportunity to serve Lauderdale-By-The-Sea. However, in RFQ #20-01-01, there are a few items to which we take exception. The issues with which Kimley-Horn takes exception include the following.

1. Page 27, Item #3.5, Retainage:

Retainage: The TOWN reserves the right to withhold retainage in the amount of ten percent (10%) of any payment due to the CONTRACTOR until the Project is completed. For projects that are divided into several phases, any retainage shall be withheld and may be released individually for each phase of the Project at TOWN's discretion. Said retainage may be withheld at the sole discretion of the Town Manager and as security for the successful completion of the CONTRACTOR'S duties and responsibilities under the Work Authorization.

Kimley-Horn notes this item should be stricken from the contract.

2. Page 27, Item #4.2, Termination For Convenience, first sentence:

"The TOWN shall have…" and "written notice to CONTRACTOR"

Kimley-Horn suggests replacement of "The TOWN" with "The Town or Contractor" and "to CONTRACTOR" at the end should be striken.

3. On page 28, Item #4.3, Termination For Cause, second sentence:

In the event that CONTRACTOR abandons this Agreement or causes it to be terminated by the TOWN, the CONTRACTOR shall indemnify and hold the TOWN harmless against any loss pertaining to such termination.

Kimley-Horn notes this should be stricken from the section.

In addition to these specific items, Kimley-Horn must retain the right to negotiate a mutually agreed-upon contract.

We look forward to negotiating with Lauderdale-By-The-Sea.



8. Additional Forms

- Exhibit 3, RFQ Form 3: Respondent's Certification
- Exhibit 4, RFQ Form 4: Sworn Statement Pursuant to Section 287.133(3)(A). Florida Statutes on Public Entity Crime
- Exhibit 5, RFQ Form 5: No Financial Interest Statement

RFQ FORMS

RFQ FORM 3: RESPONDENT'S CERTIFICATION

Respondent: _Kimley-Horn and Associates, Inc.

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

The undersigned guarantees the truth and accuracy of all statements and the answers contained herein.

I have carefully examined the Request for Qualifications referenced above ("RFQ") and any other documents accompanying or made a part of this RFQ.

I hereby propose to furnish the goods or services specified in the RFQ. I agree that my response will remain firm for a period of 150 days in order to allow the TOWN adequate time to evaluate the responses.

I certify that all information contained in this response, which includes the TOWN required RFQ forms A, B, C, D and E is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

Respondent hereby authorizes the TOWN, its staff or consultants, to contact any of the references provided in the response and specifically authorizes such references to release, either orally or in writing, any appropriate data with respect to the firm offering this response.

I further certify, under oath, that this response is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a response for the same product or service; no officer, employee or agent of the TOWN or any other proposer has a financial interest in said response; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters herein contained and was duly authorized to do so.

If this response is selected, I understand that I will be expected to execute the TOWN's standard Professional Services contract, in the form approved by the Town Attorney.

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes 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, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017 Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the

RFQ FORMS

convicted vendor list. I further certify, under oath, that neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholder, employees, members or agents active in the management of the entity has been convicted of a public entity crime subsequent to July 1, 1989.

Kimley-Horn and Associates, Inc.
Name of Business

By: _____
Signature

Marwan Mufleh, P.E., Principal/Senior Vice President
Print Name and Title

1920 Wekiva Way, Suite 200

West Palm Beach, FL 33411
Mailing Address

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 4: SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A). FLORIDA STATUTES ON PUBLIC ENTITY CRIME

TO BE VALID, THIS FORM SHALL BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted to The Town Commission of the Town of Lauderdale-By-The-Sea, Florida by: Marwan Mufleh, P.E., Principal/Senior Vice President
(print this individual's name and title)

for Kimley-Horn and Associates, Inc.
(print name of entity submitting sworn statements)

Whose business address is: 1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411

And, if applicable, whose Federal Employer Identification Number (FEIN) is 56-0885615. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____-___-_____.

2. I understand that a "public entity crime" as defined in paragraph 287.133(1)(a}, Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transactions of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a Jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in paragraph 287.133(1)(a), Florida Statutes, means:

    1. A predecessor or successor of a person convicted of public entity crime; or

    2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement,

RFQ FORMS

shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in a relation to the entity submitting this sworn statement. (Please indicate which statement applies).

___X___ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or any affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime within the past 36 months. AND (Please indicate which additional statement applies).

_____ There has been a proceeding concerning the conviction before a hearing officer in the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order).

_____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list (Please attach a copy of the final order).

_____ The person or affiliate has not been placed on the convicted vendor list (Please describe any action taken by or pending with the Florida Department of General Services).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THE PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED AND FOR THE PERIOD OF THE CONTRACT ENTERED INTO, WHICHEVER PERIOD IS LONGER. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

RFQ FORMS

Date: 1/15/2020

(Signature)

STATE OF FLORIDA
COUNTY OF: Florida

Sworn to (or affirmed) and subscribed before me by means of ☑ physical presence or □ online notarization, this 31st day of January ,2020 (year), by Marwan Mufleh, P.E. (name of person making statement).

Lauren A. Keys
(Signature) Notary Public-State of Florida

Lauren A. Keys
(Printed, typed or stamped commissioned name of notary public)

My commission expires 01/05/2024 (SEAL)

Notary Public State of Florida
Lauren A Keys
My Commission GG 944378
Expires 01/05/2024

RFQ FORMS

THIS FORM SHALL BE COMPLETED AND SUBMITTED WITH THE RESPONSE TO BE DEEMED RESPONSIVE.

RFQ FORM 5: NO FINANCIAL INTEREST STATEMENT

The undersigned guarantees the truth and accuracy of this statement.

The Respondent recognizes and certifies that no elected official, board member, or employee of the Town of Lauderdale-By-The-Sea (the "Town") shall have a financial interest directly or indirectly in this RFQ, related contract, if any, or any compensation to be paid under or through these matters, and further, that no Town employee, nor any elected or appointed officer (including Town board members) of the TOWN, nor any spouse, parent or child of such employee or elected or appointed officer of the TOWN, may be a partner, officer, director or proprietor of Respondent, and further, that no such TOWN employee or elected or appointed officer shall be employed by the firm or receive any compensation from the firm for a period of at least twelve (12) months after leaving the employ or agency of the TOWN.

Kimley-Horn and Associates, Inc.
Name of Business

By: _____
Signature

Marwan Mufleh, P.E., Principal/Senior Vice President
Print Name and Title

1920 Wekiva Way, Suite 200

West Palm Beach, FL 33411
Mailing Address

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Lucila Lang
Submitting Department: Administration
Item Type: Ordinances 2nd Reading
Agenda Section: ORDINANCES 2nd Reading

Subject Title:
Ordinance 2020-03 - AN ORDINANCE OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AMENDING CHAPTER 20, "UTILITIES," OF THE TOWN'S CODE OF ORDINANCES BY AMENDING ARTICLE II, "SANITARY SEWER SYSTEM," SECTION 20-19 "RATES AND CHARGES"; AND PROVIDING FOR SEVERABILITY, CONFLICTS AND AN EFFECTIVE DATE. (Lucila Lang, Finance Director)

Explanation: Currently, the Town of Lauderdale-By-The-Sea ("Town") sewer rates are charged only to those residents that are served by the Town-owned sewer system (roughly all areas of Town south of Pine Ave). The Town transmits its wastewater to the City of Pompano Beach ("Pompano") and we have a Master Sewer Agreement with them under which we are charged for transmission, treatment, and disposal of the wastewater we send them.

The Wastewater Service Agreement between Pompano and the Town stipulates an annual recalculation of the monthly and volumetric rates. Pompano increased the fixed monthly fee by 64% in calendar year 2019 and has increased it by 25% for calendar year 2020.

Without an increase to the Town's sewer rates, the Sewer Fund will operate at a deficit this year and will bring the fund balance this year below $1 million. The existing sewer system is over 50 years old and the Town needs to keep a reasonable fund balance for significant capital expenses.

Below you will find rate increase scenarios and the effect that each % increase will have on a single- family resident, multi-family, and commercial properties.

Keep in mind that these scenarios would not have the benefit of a full year of rate increases as the Town was notified on December 23, 2019 of a rate increase effective January 1, 2020. The Town will begin seeing the additional revenue in April, 2020.

		5% Increase	10% Increase	15% Increase	20% Increase
January	*Current Rates*	$ 113,935.78	$ 113,935.78	$ 113,935.78	$ 113,935.78
February		$ 94,253.05	$ 94,253.05	$ 94,253.05	$ 94,253.05
March		$ 105,539.31	$ 105,539.31	$ 105,539.31	$ 105,539.31
April	*Rate increase will be effective March, 2020. Town will begin receiving revenue in April, 2020.*	$ 114,152.53	$ 119,588.36	$ 125,024.20	$ 130,460.03
May		$ 103,087.93	$ 107,996.88	$ 112,905.83	$ 117,814.78
June		$ 91,771.63	$ 96,141.71	$ 100,511.79	$ 104,881.87
July		$ 111,836.28	$ 117,161.82	$ 122,487.36	$ 127,812.89
August		$ 103,087.93	$ 107,996.88	$ 112,905.83	$ 117,814.78
September		$ 88,196.77	$ 92,396.62	$ 96,596.47	$ 100,796.31
October		$ 91,889.41	$ 96,265.10	$ 100,640.78	$ 105,016.47
November		$ 103,087.93	$ 107,996.88	$ 112,905.83	$ 117,814.78
December		$ 102,062.42	$ 106,922.54	$ 111,782.65	$ 116,642.77
Total Anticipated Revenue:		**$ 1,222,900.98**	**$ 1,266,194.93**	**$ 1,309,488.87**	**$ 1,352,782.82**
Total Budgeted Expenses:		$ 1,276,463.00	$ 1,276,463.00	$ 1,276,463.00	$ 1,276,463.00
		$ (53,562.02)	$ (10,268.07)	$ 33,025.87	$ 76,319.82

Amount to be paid to City of Pompano Beach ($818,067) in one year is included in the budgeted expenses above.

Staff is recommending a 15% increase in sewer rates in order to cover expenses and any future sewer capital improvement projects.

Below are the scenarios for the base rate, consumption and administrative charge increases:

NEW RATE SCENARIOS				
Effective Date:	**March 1, 2020**			**5% Increase**
Service	**Base Rate**		**Consumption Rate**	**Quantity**
Single Family	$ 10.78		$ 6.21	0-10,000
Multi-Family	$ 4.44	x #units	$ 6.21	0-10,000 per unit
Commercial	$ 10.78	x #units	$ 6.21	All consumption
Customer Service/Admin Charge:			$ 1.58	

Effective Date:	**March 1, 2020**			**10% Increase**
Service	**Base Rate**		**Consumption Rate**	**Quantity**
Single Family	$ 11.30		$ 6.50	0-10,000
Multi-Family	$ 4.65	x #units	$ 6.50	0-10,000 per unit
Commercial	$ 11.30	x #units	$ 6.50	All consumption
Customer Service/Admin Charge:			$ 1.65	

Effective Date:	**March 1, 2020**			**15% Increase**
Service	**Base Rate**		**Consumption Rate**	**Quantity**
Single Family	$ 11.81		$ 6.80	0-10,000
Multi-Family	$ 4.86	x #units	$ 6.80	0-10,000 per unit
Commercial	$ 11.81	x #units	$ 6.80	All consumption
Customer Service/Admin Charge:			$ 1.73	

Effective Date:	**March 1, 2020**			**20% Increase**
Service	**Base Rate**		**Consumption Rate**	**Quantity**
Single Family	$ 12.32		$ 7.09	0-10,000
Multi-Family	$ 5.08	x #units	$ 7.09	0-10,000 per unit
Commercial	$ 12.32	x #units	$ 7.09	All consumption
Customer Service/Admin Charge:			$ 1.80	

The impact to single family residents, multi-family and commercial units based on December, 2019 consumption would be an average of:

SINGLE FAMILY HOME: ***For this example, consumption is 9,000 gallons per month***

	Current Charges		Consumption							
Sewer LBTS Cons. Rate SF	$ 53.19	$5.91	9	5% Increase	$ 3.29	10% Increase	$ 6.48	15% Increase	$ 9.78	20% Increase	$ 12.97
Sewer LBTS Base Rate SF	$ 10.27										
Customer Service Admin Charge	$ 1.50										
December, 2019	$ 64.96										

COMMERCIAL-RESTAURANT: ***For this example, consumption is 300,000 gallons per month***

	Current Charges		Consumption							
Sewer LBTS Cons. Rate SF	$1,773.00	$5.91	300	5% Increase	90.59	10% Increase	$ 178.18	15% Increase	$ 268.77	20% Increase	356.35
Sewer LBTS Base Rate SF	$ 10.27										
Customer Service Admin Charge	$ 1.50										
December, 2019	$1,784.77										

COMMERCIAL-RESTAURANT: ***For this example, consumption is 74,000 gallons per month***

	Current Charges		Consumption							
Sewer LBTS Cons. Rate SF	$ 437.34	$5.91	74	5% Increase	$ 22.79	10% Increase	$ 44.84	15% Increase	67.83	20% Increase	$ 89.67
Sewer LBTS Base Rate SF	$ 10.27										
Customer Service Admin Charge	$ 1.50										
December, 2019	$ 449.11										

COMMERCIAL-HOTEL: ***For this example, consumption is 102,000 gallons per month***

	Current Charges		Consumption							
Sewer LBTS Cons. Rate SF	$ 602.82	$5.91	102	5% Increase	$ 31.19	10% Increase	$ 61.36	15% Increase	$ 92.55	20% Increase	122.71
Sewer LBTS Base Rate SF	$ 10.27										
Customer Service Admin Charge	$ 1.50										
December, 2019	$ 614.59										

MULTI-FAMILY: ***For this example, consumption is 102,000 gallons per month***

	Current Charges		Consumption							
Sewer LBTS Cons. Rate SF	$ 602.82	$5.91	102	5% Increase	$ 30.89	10% Increase	$ 60.75	15% Increase	$ 91.64	20% Increase	121.51
Sewer LBTS Base Rate SF	$ 4.23										
Customer Service Admin Charge	$ 1.50										
December, 2019	$ 608.55										

Recommendation:

Ordinance 2020-03 was approved on 1st reading February 11th, staff recommends approval of Ordinance 2020-03 on 2nd reading

Attachments:

1. Ordinance 2020-03
2. Annual Rate Adjustment Letter from Pompano Beach

ORDINANCE 2020-03

AN ORDINANCE OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AMENDING CHAPTER 20, "UTILITIES," OF THE TOWN'S CODE OF ORDINANCES BY AMENDING ARTICLE II, "SANITARY SEWER SYSTEM," SECTION 20-19 "RATES AND CHARGES"; AND PROVIDING FOR SEVERABILITY, CONFLICTS AND AN EFFECTIVE DATE.

WHEREAS, the Town Commission desires to amend its Code of Ordinances to increase the sanitary sewer rates that are charged to properties connected to the Town's sewer system; and

WHEREAS, the new sewer rates shall be effective commencing the first day of the water service billing cycle that begins in March 2020, provided that the City of Fort Lauderdale is able to timely implement the changes; otherwise, the new sewer rates shall be effective commencing the first day of the water service billing cycle that begins in April 2020.

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COMMISSION OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, AS FOLLOWS:

SECTION 1. Recitals. The foregoing "Whereas" clauses are ratified and confirmed as being true, correct and reflective of the legislative intent underlying this Ordinance and are hereby made a specific part of this Ordinance.

SECTION 2. Amending Section 20-19. Section 20-19 "Rates and Charges" of Article II "Sanitary Sewer System" of Chapter 20 "Utilities" is hereby amended as follows[1]:

Sec. 20-19. Rates and Charges.

***

(b) *Amounts of rates and charges.*

(1) *Monthly base facility charge per single-family unit:*

~~$9.78 effective 10/2016;~~

[1]Proposed additions to existing Town Code text are shown by underlining; proposed deletions from existing Town Code text are shown by ~~strike through.~~

~~$10.02 effective 10/2017; and~~

~~$10.27~~ 11.81 effective ~~10/2018~~ 03/2020.

(2) *Monthly base facility charge per multi-family unit, including duplexes:*

~~$4.03 effective 10/2016;~~

~~$4.13 effective 10/2017; and~~

~~$4.23~~86 effective ~~10/2018~~ 03/2020.

(3) *Monthly base facility charge per commercial customer:*

~~$9.78 effective 10/2016;~~

~~$10.02 effective 10/2017; and~~

~~$10.27~~ 11.81 effective ~~10/2018~~ 03/2020;

***

(4) *Consumption rate charged per 1,000 gallons of water usage:*

All customer classes:

~~$5.63 effective 10/2016;~~

~~$5.77 effective 10/2017; and~~

~~$5.91~~ 6.80 effective ~~10/2018~~ 03/2020.

Residential units will not be charged a consumption rate for usage in excess of 10,000 gallons per month.

(5) *Monthly customer service/administration charge per meter:*

All customer classes:

~~$1.44 effective 10/2016;~~

~~$1.47 effective 10/2017; and~~

$1.~~50~~73 effective ~~10/2018~~03/2020.

***

SECTION 3. Severability. If any section, sentence, clause, or phrase of this Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding shall in no way affect the validity of the remaining portions of this Ordinance.

SECTION 4. Conflicts. All prior ordinances or resolutions or parts thereof in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 5. Effective Date. This Ordinance shall become effective upon adoption on second reading, and the new sewer rates shall be effective commencing the first day of the water service billing cycle that begins in March 2020, provided that the City of Fort Lauderdale is able to timely implement the changes; otherwise, the new sewer rates shall be effective commencing the first day of the water service billing cycle that begins in April 2020.

Passed on the first reading, this 11th day of February 2020.

Passed and adopted on the second reading, this 25th day of February 2020.

_____

MAYOR CHRIS VINCENT

	First Reading	Second Reading
Mayor Vincent	__Aye_____	_____
Vice-Mayor Sokolow	__Absent _____	_____
Commissioner Malkoon	__Aye_____	_____
Commissioner Oldaker	__Aye_____	_____
Commissioner Strauss	__Aye_____	_____

ATTEST:

_____
Tedra Allen, Town Clerk

APPROVED AS TO FORM:

_____
Susan L. Trevarthen, Town Attorney

pompano beach
Florida's Warmest Welcome

Utilities Administration
A. Randolph Brown, Utilities Director

City of Pompano Beach, Florida
1205 NE 5th Avenue, Pompano Beach, Florida 33060 | p: 954.545.7043 | f: 954.545.7046

December 23, 2019

Mrs. Lucila Lang, Finance Director
Town of Lauderdale by the Sea
4501 Ocean Drive
Lauderdale by the Sea, FL 33308

SUBJECT: Annual Rate Adjustment

Dear Mrs. Lang:

The Wastewater Service Agreement between the City of Pompano Beach and the Town of Lauderdale by the Sea stipulates an annual recalculation of the monthly and volumetric rates. Enclosed for your review is a memo from our rate consultant, Raftelis Financial Consultants Inc., outlining the recalculation of the rate for the 2020 calendar year.

Your rates for calendar year 2020 will be:

$33,422 monthly charge (25% increase) – Broward County's reserved capacity charge increasing significantly from approximately $22,411 per month per MGD to $23,963 (including the 5% IR&R charge)
$2.275 volumetric rate per 1,000 gallons (9.3% increase)

The fiscal year 2020 monthly amount will be implemented effective with your January 1, 2020 billing.

Once you have had time to review the Raftelis memo, please let me know if you have any questions.

Sincerely,

A. Randolph Brown,
Utilities Director

C: Mr. William Vance, Town Manager
Ms. Neysa Herrera, Assistant Town Manager
Mr. Greg Harrison, City Manager
Mr. Brian Donovan, Assistant City Manager
Mr. Andrew Jean-Pierre, Finance Director
Ms. Whitney Walsh, Assistant Customer Service Manager

RAFTELIS

Date: December 16, 2019

To: Randy Brown, Utilities Director, City of Pompano Beach
From: Elaine Conti, Senior Manager, Raftelis Financial Consultants, Inc.

Re: 2020 Calculation of Wholesale Wastewater Treatment Rate for Lauderdale-by-the-Sea

The City of Pompano Beach ("City") and the Town of Lauderdale-by-the-Sea ("LBS") have entered into a fifteen-year contract whereby the City will continue to provide wastewater transmission and treatment services ("wholesale services") to LBS. The current fee structure for the wholesale services includes a monthly fixed component of $26,665 and a volumetric rate component of $2.082 per 1,000 gallons of usage. These rates and charges were implemented beginning January 1, 2019.

Based on the City's FY 2020 budget, the updated treatment rates provided by Broward County, and the LBS true-up calculation based on actual costs incurred during FY 2019, the new LBS rates and charges for calendar year 2020, to be implemented beginning January 1, 2020, include a monthly fee of **$33,442** and a volumetric rate of **$2.275** per 1,000 gallons. A summary of this calculation is provided in the schedules attached to this memorandum, as well as a comparison of the rate calculations for 2019 and 2020. As shown in the comparison, the proposed monthly component is greater than the prior year, and the volumetric component is higher for 2020 due to several factors affecting the rates, as discussed below.

Fixed Charge Components

- Broward County's reserved capacity charge increased significantly from approximately $22,411 per month per MGD to $23,963 (including the 5% IR&R charge applied by Broward County). Consistent with prior years and as stipulated by the contract between the City and LBS, LBS is billed based on 1.25 MGD of reserved capacity.
- As per the City's discussions with LBS' rate consultant, the separate Broward County true-up is not passed on to LBS. Therefore, this cost has been excluded from the rate calculation.
- The City's true-up component reflects the difference in the total amount LBS paid to the City based on the rates and fixed charges in place for FY 2019 compared to the actual costs incurred by the City to serve LBS. The amount of the true-up calculated for FY 2019 decreased from the amount calculated for FY 2018. The amount of the true-up for FY 2018 provided a credit to LBS of $67,859 and the true-up for FY 2019 is a credit of $10,978. As a result, the total amount of the Fixed Annual Charge increased from $319,979 to $401,304. The resulting monthly fee is $33,442 (rounded to the nearest dollar), which is approximately 25% greater than last year. The key driver of the increase is the lower true-up credit.

Volumetric Charge Component

- Broward County's treatment rate per thousand gallons (kgals) increased from $0.991 per kgal (including the 5% IR&R charge) to $1.031 per kgal, an increase of approximately 4.04%.
- Total budgeted operation and maintenance costs for FY 2020 for LS #12 allocated to LBS increased by approximately 12.2% from $206,225 for FY 2019 to $231,258 for FY 2020, including the 25% surcharge. Compared to last year, actual LBS flows for FY 2019 were 6.0% lower, flows at LS #12 were 7.5 % lower, and the flow to Broward County decreased by 1.6%. The resulting calculated volumetric rate for LS #12 costs increased by approximately 14.0%, from $1.091 to $1.244 per kgal.
- In addition, as per the City's discussions with LBS' rate consultant, any capital expenditures (capital outlays) budgeted for LS #12 are excluded from the rate calculation.
- As a result, the total volumetric rate (the Broward Co. rate plus the LS #12 rate) to be paid by LBS to the City increased from $2.082 to $2.275 per 1,000 gallons, an increase of approximately 9.3%.

In summary, the changes listed above result in a monthly fee of $33,442 and a volumetric rate of $2.275 per 1,000 gallons. Comparing these rates to the rates paid by LBS in 2019, LBS will experience an increase of approximately 25% in the monthly charge and a 9.3% increase in the volumetric rate paid to the City for wastewater service.

Comparison of Calculated Rates

City of Pompano Beach, FL
LBS Wholesale Rate Summary

Line		FY 2019	FY 2020 Projected	% Change
	Fixed Charge Components - Annual Cost (1)			
	Availability Charge			
1	Lift Station #12	$ 17,923	$ 17,923	
2	A1A Force Main	16,942	16,942	
3	Broward County Reserved Capacity Charge	352,973	377,417	*6.93%*
4	Broward County True-Up Charge (Prior Year)	-	-	
5	LBS True-Up from Prior Year	(67,859)	(10,978)	*-83.82%*
6	**Subtotal: Fixed Annual Charges**	$ 319,979	$ 401,304	
7	**Calculated Monthly Charge**	**$ 26,665**	**$ 33,442**	*25.42%*
			25.4%	
	Volumetric Charge Components - Annual Cost (1)			
	Lift Station #12 Costs			
8	LS#12 Electrical	$ 11,635	$ 14,360	
9	LS#12 Chemical	64,809	66,905	
10	LS#12 Personnel Pumping	61,607	79,837	
11	LS#12 Other Pumping	12,943	9,470	
12	LS#12 Admin. & General Expense	13,975	14,436	
13	*Subtotal: Lift Station #12 Costs Before Surcharge*	$ 164,968	$ 185,006	*12.15%*
14	Plus 25% Surcharge	$ 41,242	$ 46,252	
15	*Subtotal: Lift Station #12 Costs*	$ 206,210	$ 231,258	*12.15%*
16	Estimated Flow (in kgal)	189,050	185,860	*-1.69%*
17	**LS#12 Volumetric Rate ($/kgal)**	$ 1.091	$ 1.244	*14.07%*
18	Broward County Rate	$ 0.944	$ 0.982	
19	Plus: IR&R Charge of 5%	0.047	0.049	
20	*Subtotal: Broward County Rate ($/kgal)*	0.991	1.031	*4.04%*
21	**Total Volumetric Rate per 1,000 gallons**	**$ 2.082**	**$ 2.275**	*9.29%*
			9.3%	
	Calculated Total Annual Cost			
22	Fixed Annual Charges	$ 319,979	$ 401,304	
23	Calculated Volumetric Charges	393,559	422,880	
24	**Total: Calculated Annual Cost**	$ 713,538	$ 824,184	*15.51%*
25	**All-In Volumetric Rate ($/kgal)** *(For Informational Purposes Only)*	**$ 3.774**	**$ 4.434**	*17.49%*

(1) See following pages for supporting detail

True-Up Calculation: Part I

City of Pompano Beach, FL
2015 Comprehensive Financial Planning & Rate Model
LBS Wholesale True-Up

Fixed Charge Components - Annual Cost

Line		Debt Assumptions Principal	Rate	Term	FY 2019 Actual
	Availability Charge				
1	Lift Station #12 (1)	$ 241,207	4.11%	20	$ 17,923
2	A1A Force Main (2)	$ 271,166	4.65%	30	16,942
3	*Subtotal: Availability Charge*				34,865
	Broward County Reserved Capacity Charge				
4	Reserved Capacity Charge (From BC)				$ 22,411
5	IR&R Adjustment	5.00%			1,121
6	Capacity Adjustment	1.25			5,883
7	*Subtotal: Monthly BC Reserved Capacity Charge*				352,973
8	LBS True-Up from Prior Year				(67,859)
9	**Subtotal: Fixed Annual Charges**				**$ 319,979**
10	**Calculated Monthly Charge**				**$ 26,665**

(1) Calculated based on allocated construction costs of $241,207 or 25% of total L.S. 12 Construction Costs ($964,820) and amortized at approximately 4.11% over a 20 year period to generate annual payments of $17,923.
(2) Calculated based on allocated project costs of $271,166 or 50% of total A1A Force Main project costs ($542,331) and amortized at 4.65% over a 30 year period to generate annual payments of $16,942.

True-Up Calculation: Part II

Line	***Volumetric Charge Components - Annual Cost***	**FY 2019** *Actual*
	Inputs and Assumptions	
1	LBS Annual Flow (kgal)	177,164
2	Annual flow from L.S. #12 (kgal)	687,864
3	Total annual flow delivered to Broward County	5,230,284
4	Total Pumping Electrical Costs	317,936
5	L.S. #12 Electrical & Water Costs	50,301
	Allocation Percentages	
6	Percent of LBS Flow to Annual L.S. #12 Flow (Line 1 / Line 2)	25.76%
7	Percent of L.S. #12 Flow to Annual Flow Delivered to B.C. (Line 2 / Line 3)	13.15%
8	Percent of LBS Flow to Annual Flow Delivered to B.C. (Line 3 / Line 1)	3.39%
9	Percentage Allocation of L.S. #12 Electrical Costs (Line 5 / Line 4)	15.82%
	Wastewater Treatment Charge	
10	Broward County Rate	$ 0.944
11	IR&R Charge (5%)	0.047
12	*Subtotal: Wastewater Treatment Charge*	0.991
13	Actual LBS Annual Flow (kgal)	177,164
14	**Total Broward County Wastewater Charge to LBS**	$ 175,605
	Lift Station #12 Costs	
	LS#12 Electrical	
15	Total Pumping Electrical Costs	$ 317,936
16	L.S. #12 Electrical Cost Allocation (Line 9)	15.82%
17	Subtotal: LS#12 Electrical	$ 50,301
18	L.S. #12 LBS Flow Allocation (Line 6)	25.76%
19	Subtotal: Allocated Electrical Costs	$ 12,955
	LS#12 Chemical	
20	Actual LS#12 Chemical Costs	$ 174,753
21	L.S. #12 LBS Flow Allocation (Line 6)	25.76%
22	Subtotal: Annual Chemical Costs Allocated to LBS	45,009
	LS#12 Personnel Pumping	
23	Pumping Personnel Costs	$ 1,328,581
24	Pumping Internal Services	518,403
25	Subtotal: Personnel Pumping Costs	1,846,984
26	L.S. #12 Electrical Cost Allocation (Line 9)	15.82%
27	Subtotal: Allocated Personnel	$ 292,216
28	L.S. #12 LBS Flow Allocation (Line 6)	25.76%
29	Subtotal: Allocated Personnel	$ 75,262

	Volumetric Charge Components - Annual Cost (Continued)	**FY 2019** *Actual*
	LS#12 Other Pumping	
30	Other Pumping Costs (Excl. Personnel and Special Services)	$ 317,927
31	Allocation of LBS Flow to Broward County (Line 7)	13.15%
32	Subtotal: Other Pumping Costs	$ 41,812
33	L.S. #12 LBS Flow Allocation (Line 6)	25.76%
34	Subtotal: Allocated Other Pumping Costs	$ 10,769
	LS#12 Admin. & General Expense	
35	Wastewater Admin Costs (Less Electricity and Admin Svc Charge)	$ 701,756
36	Total Pumping Expenses	2,458,119
37	Total Transmission Expenses	2,382,752
38	Subtotal: Pumping and Transmission Expenses	$ 4,840,871
39	Pumping Expenses as % of Pumping and Transmission Costs	50.78%
40	Allocated Pumping Admin Costs (Line 35 x Line 39)	356,341
41	Allocation of LBS Flow to Broward County (Line 7)	13.15%
42	Allocation of Admin/Gen. Plant Costs to L.S. #12	46,864
43	L.S. #12 LBS Flow Allocation (Line 6)	25.76%
44	*Annual Admin and General Plant Costs Allocated to LBS*	12,070
45	**Subtotal: LS #12 O&M Charge** (Lines 19, 22, 29, 34, & 44)	$ 156,066
46	Plus 25% Surcharge	39,016
47	**Subtotal: Lift Station #12 Costs**	$ 195,082
48	**Total Volume Charges** (Line 47 + Line 14)	**$ 370,687**
49	**Total Actual Annual Cost to LBS**	**$ 690,667**
50	Less: Actual Revenues from LBS Collected During FY 2018	$ 701,645
51	**Additional Payment/(Credit)**	**$ (10,978)**

Town Commission Agenda Item Report

Meeting Date: February 25, 2020
Submitted by: Bill Vance, Town Manager
Submitting Department: Administration
Item Type: Resolutions
Agenda Section: RESOLUTIONS

Subject Title:
Resolution 2020-06 - A RESOLUTION OF THE TOWN OF LAUDERDALE-BY-THE- SEA, FLORIDA, APPROVING AND AUTHORIZING THE REMOVAL OF MIXED PAPER FROM THE LIST OF MATERIALS THAT CAN BE COLLECTED IN THE CURBSIDE RECYCLING PROGRAMS; PROVIDING FOR AN EFFECTIVE DATE.

Explanation:

On January 13, 2020, Waste Management sent a letter to the Town ("Letter") informing the Town that "due to current changing market conditions, Mixed Paper (newspaper, mail, magazines, glossy inserts, pamphlets, catalogs, print and office paper, and school paper) coming to Reuter Recycling Facility in Pembroke Pines has no viable market. In addition to market conditions, quality requirements have tightened, and excessive contamination rates have exhausted end markets for mixed paper in this area." At the February 11, 2020 Town Commission Meeting, Dawn McCormick, Director of Communications for Waste Management, provided an update on the mixed-paper markets and the removal of Mixed Paper from the list of recycling materials

This letter provided the required 6-Month Notice under the Service Agreement between the Town and Waste Management that "as of August 1, 2020, Mixed Paper will no longer be an Acceptable Material for single-stream recycling processing. Any inbound Mixed Paper received after that date will be processed as Residue and subject to the Contamination Fee of $55 per ton".

Recommendation: Town Commission recognize Waste Management's request to remove Mixed Paper form Lauderdale-By-The-Sea's Solid Waste Streams.

Attachments:
1. Resolution 2020-06
2. Waste Management Letter

RESOLUTION NO. 2020-06

A RESOLUTION OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA, APPROVING AND AUTHORIZING THE REMOVAL OF MIXED PAPER FROM THE LIST OF MATERIALS THAT CAN BE COLLECTED IN THE CURBSIDE RECYCLING PROGRAMS; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on February 11, 2020, the Town received a presentation from Waste Management, the Town's recycling processor, about the changing landscape of recycling markets, including the lack of markets for paper; and

WHEREAS, curbside recycling has shifted from being a revenue generator to a budget expense for Town residents; an expense that steadily increased in 2019 as the average market value decreased, and in July 2019, surpassed the per ton cost of trash disposal; and

WHEREAS, on January 13, 2020, the Town was notified by Waste Management, the Town's recycling contractor, that newspaper, mail, magazines, glossy inserts, printed office paper, pamphlets, catalogs, and cereal/soda/cracker boxes ("Mixed Paper") has no viable market; and

WHEREAS, effective August 1, 2020, Mixed Paper will no longer be an acceptable material for single-stream recycling and will be subject to a contamination fee of $55 per ton; and

WHEREAS, the cost of Mixed Paper rose from a *minus* $2.50 per ton in December to a *minus* $17.50 in January and is likely to further increase in cost prior to August 1, 2020; and

WHEREAS, Mixed Paper does not introduce toxins into the environment when placed in the trash cart and can help produce energy when landfilled at sites with gas-to-energy capabilities, as is the Town's trash; and

WHEREAS, Mixed Paper currently makes up 45% of all recycling collected and are the primary contributors to the high cost of recycling; and

WHEREAS, the Town has a long history of robust residential recycling to protect natural resources and reduce greenhouse gas emissions; and

WHEREAS, Town staff will be coordinating to launch a public education campaign based on the Florida Recycles "Rethink. Recycle. Reset." to inform all in the community of the new recycling rules with the goal of improving the quality of the recycling collected and thereby lowering the per ton cost of recycling.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COMMISSION OF THE TOWN OF LAUDERDALE-BY-THE-SEA, FLORIDA:

Section 1. **Recitals.** Each "WHEREAS" clause set forth is true and correct and herein incorporated by this reference.

Section 2. No Mixed Paper in curbside recycling. The Town Commission agrees to the removal of Mixed Paper from the list of materials collected in the Town's curbside recycling program.

Section 3. **Effective Date**. This Resolution shall become effective immediately upon its passage.

PASSED AND ADOPTED this 25th day of February 2020.

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Mayor Chris Vincent

Attest:

_____
Town Clerk Tedra Allen

(CORPORATE SEAL)

APPROVED AS TO FORM:

_____
Susan L. Trevarthen, Town Attorney

Matt Orr
DIRECTOR OF RECYCLING OPERATIONS
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WASTE MANAGEMENT
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POMPANO BEACH, FL 33073
954.984.2000

January 13, 2020

Ms. Vicki Eckels
Recycling Coordinator
Lauderdale-By-The-Sea
4501 North Ocean Drive
Lauderdale-By-The-Sea, FL 33308

RE: Recycling Services Agreement with Waste Management

Dear Ms. Eckels,

This letter serves to inform you that due to current changing market conditions, Mixed Paper (newspaper, mail, magazines, glossy inserts, pamphlets, catalogs, print and office paper, and school paper) coming to Reuter Recycling Facility in Pembroke Pines has no viable market. In addition to market conditions, quality requirements have tightened, and excessive contamination rates have exhausted end markets for mixed paper in this area.

Waste Management is currently storing more than 400 bales of mixed paper (each weighing 1+ tons) at Reuter, for which we cannot locate a market. Therefore, this material (which could present a fire hazard) will be transported at our cost for disposal at a waste-to-energy facility or landfill with landfill-gas-to-energy capabilities and will continue to qualify for recycling credits from the State of Florida.

For the next six months, the material will be processed as Residue but categorized as Mixed Paper for determining the Blended Value.

This letter further serves as the required 6-Month Notice under the Service Agreement that as of August 1, 2020, Mixed Paper will no longer be an Acceptable Material for single-stream recycling processing. Any inbound Mixed Paper received after that date will be processed as Residue and subject to the Contamination Fee of $55 per ton.

Please know this is not just a local issue. In a recent article in **Recycling Product News**-- “Surviving the Changing Mixed Paper Market” (September 17, 2019) -- reporter Rick Zettler wrote: "There is no quick fix for mixed paper," says Dan Gee, senior associate with Moore & Associates, an Atlanta-based consulting firm specializing in the paper recycling industry. "Most

estimates are it will take a minimum of two or three years, possibly longer, for mixed paper to recover."

Resource Recycling reported on June 25, 2019 that North America's residential mixed-paper prices are deep in the negative numbers in some areas. That pain will likely persist for some time, one analyst predicts: "It's going to be many years before we get back to a decent market, a robust market," said Bill Moore of Moore and Associates which estimates that, in 2018, at least 500,000 tons of mixed paper were collected for recycling but were landfilled instead.

Waste Management values our partnership as your recycling processing provider and will continue to work with you to help ensure that recycling remains environmentally and economically viable for your residents.

Sincerely,
Matt Orr
Director of Recycling Operations