

Request for Proposal (RFP) No. 113-2023

# TOWN OF LAKE PARK CONTINUING SERVICES

Architecture, Engineering (various types), Landscape Architecture,  
Survey & Mapping, Planning and Other Related Services



**TOWN OF LAKE PARK**  
535 Park Avenue  
Lake Park, FL 33403

Due: October 24, 2023

[www.engenuitygroup.com](http://www.engenuitygroup.com)



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**TAB 1**

# Forms

## DESIGNATION OF QUALIFIED DISCIPLINE FORM (EXHIBIT I)

### EXHIBIT I

#### DESIGNATION OF QUALIFIED DISCIPLINE FORM

#### Proposed Discipline(s)

Please indicate for which discipline(s) that your firm wishes to be considered by checking next to the discipline(s) shown below and indicating whether services will be provided by 1. Employees of your firm, 2. Sub-contractors, or 3. Both.

Respondents shall include information regarding individuals who will be responsible for this discipline and provide experience and qualifications for each discipline as a part of Respondent's Narrative Response.

<i>Qualified Discipline</i>	<i>Firm's Employees</i>	<i>Sub-Contractor</i>	<i>Firm's Employees and Subcontractor</i>
General Civil Engineering and Roadway Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stormwater Engineering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation Consulting (i.e., Traffic Engineering)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Engineering and planning studies/investigations, preparation of plans and specifications, provide bidding assistance, inspection, and administration of construction, permitting of TOWN roads, bridges and other horizontal control work as required in the implementation of the approved capital program.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Architectural, (preferably with experience in historic preservation work)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

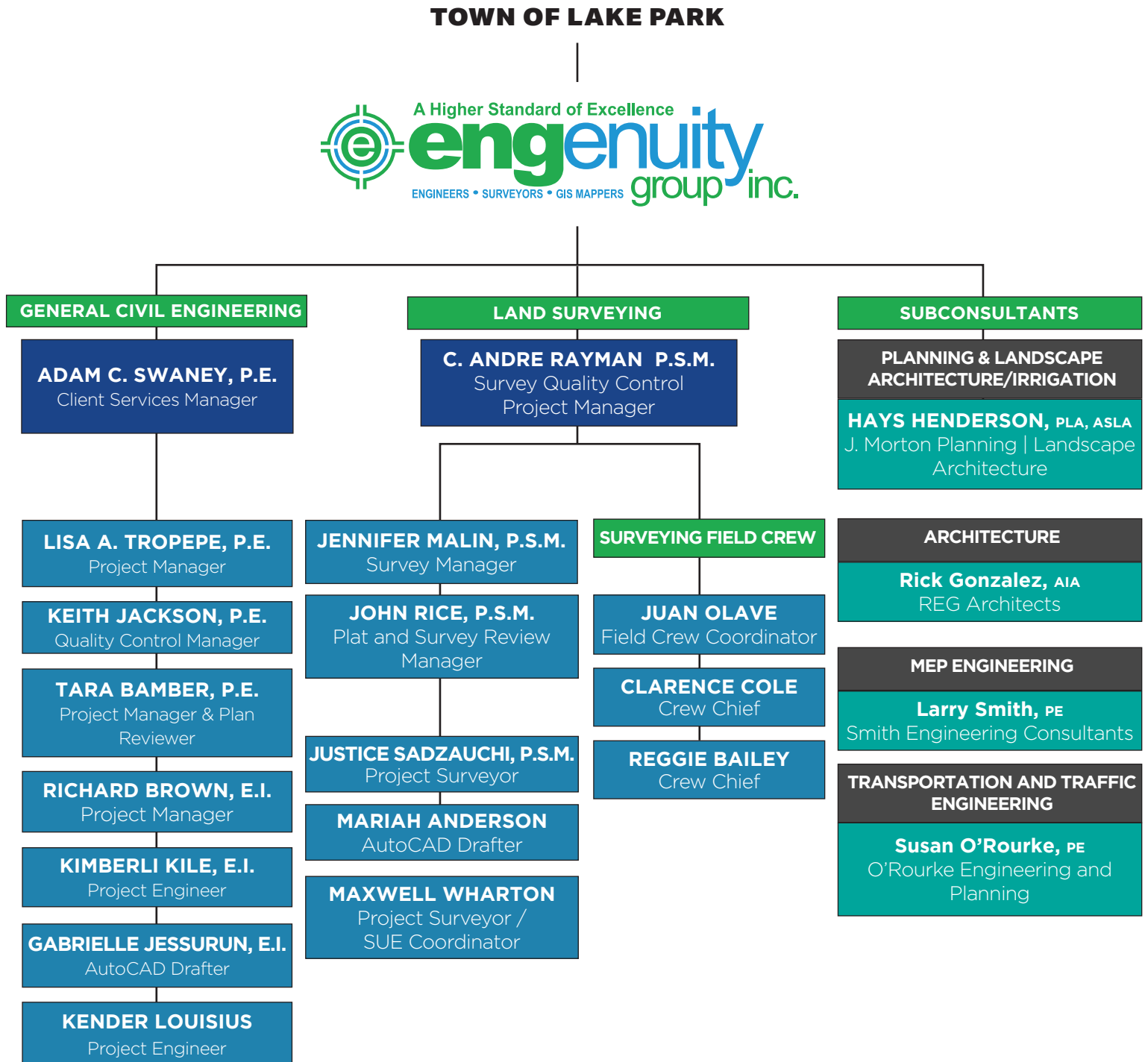
## DESIGNATION OF QUALIFIED DISCIPLINE FORM (EXHIBIT I)

Electrical, Supervisory Control and Data Acquisition (SCADA), and geographical information systems (GIS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Environmental Planning and Studies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Irrigation Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Landscape Architectural	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Land Surveying and Mapping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Urban Planning (AICP Certification preferred)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

END OF RFP 113-2023 DOCUMENT.

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## PROPOSER'S ORGANIZATIONAL CHART (EXHIBIT B)





# **CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION – LOWER TIER PARTICIPANT (EXHIBIT H)**

## **EXHIBIT H**

### **CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION – LOWER TIER PARTICIPANT**

Certification regarding Debarment Suspension, Ineligibility and Voluntary Exclusion- Lower Tier Covered Transactions pursuant to 49 CFR 24, Code of Federal Regulations, Part 24.510(b):

By signing and submitting this proposal, the prospective lower-tier participant certifies that neither it, nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. The prospective Lower-Tier participant further certifies that:

3. I, and any principals of my firm, understand that the certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that I/we knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies.
4. Further, I, and any principal of my firm, shall provide immediate written notice to the person to whom this proposal is submitted if, at any time, we learn that my/our certification was erroneous when submitted, or has become erroneous by reason of changed circumstances.
5. By submitting this proposal, I, and any principals of my firm, agree that should the proposed covered transaction be entered into, I/we will not knowingly enter into any Lower-Tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction unless authorized by the agency with which this transaction originated.
6. I, and any principals of my firm, further agree by submitting this proposal that I/we will include this Certification, without modification, in all Lower-Tier covered transactions and in all solicitations for Lower-Tier covered transactions.

Contractor Name: Engenuity Group, Inc.

Address: 1280 North Congress Avenue, Suite 101

City West Palm Beach State: FL Zip: 33409

Signature:  Date: 10/19/2023

#### **NON-CERTIFICATION:**

Contractor Name: \_\_\_\_\_

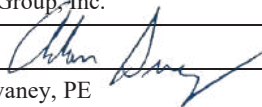
Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

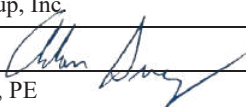
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## ADDENDUM'S

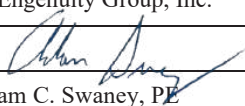
### Proposer's Acknowledgement of Receipt of Addendum #1:

Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023

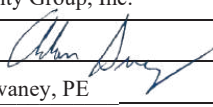
### Proposer's Acknowledgement of Receipt of Addendum #2:

Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023

### Proposer's Acknowledgement of Receipt of Addendum #3:

Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023

### Proposer's Acknowledgement of Receipt of Addendum #4:

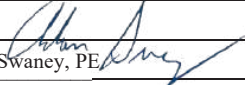
Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023

End of Addendum No. 4

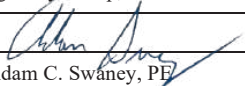


## ADDENDUM'S

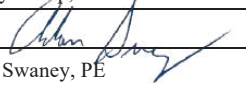
### Proposer's Acknowledgement of Receipt of Addendum #5:

Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023


### Proposer's Acknowledgement of Receipt of Addendum #6:

Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023

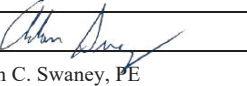
### Proposer's Acknowledgement of Receipt of Addendum #7:

Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023

### Proposer's Acknowledgement of Receipt of Addendum #8:

Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023

### Proposer's Acknowledgement of Receipt of Addendum #9:

Firm's Name: Engenuity Group, Inc.  
 Authorized Signature:   
 Print Name: Adam C. Swaney, PE  
 Title: Vice President  
 Date: 10/19/2023

End of Addendum No. 9



## TAB 2

### **Proposals and Experience of Respondent's Firm & Sub-Consultants**





October 24, 2023

Town of Lake Park  
535 Park Avenue  
Lake Park, FL 33403

**Re: RFQ No. 113-2023 Continuing Professional Services**

Dear Members of the Selection Committee:

**Engenuity Group, Inc.** (Engenuity) is pleased to present to the **Town of Lake Park** our team's qualifications to provide **Professional Engineering and Land Surveying** as set forth in the Request for Qualifications (RFQ).

Celebrating our 45th year anniversary in 2023, Engenuity has been providing professional engineering and land surveying services in South Florida. We have made a conscious decision to specialize in being the consultant of choice for municipalities and other public sector agencies. This niche comprises over 70 percent of our firm's business. During our tenure as a consultant to municipalities, we have completed numerous projects of similar scope. Engenuity Group is a **small and minority certified business** that prides itself on personal client contact. Our employees are dedicated and committed to being the best engineering and surveying firm in the area. The majority of our clients are public agencies who have been with us for many years. Our unique customer service has resulted in numerous repeat clients.

We are pleased to provide you with quality production, personalized customer service, and efficient delivery. Engenuity's reputation is a testament to our success in these efforts. We have thoroughly reviewed the City's Scope of Services and Capital Improvements Plans and envision our partnership to be a great asset to the City in achieving its goals in providing general civil engineering and roadway design, stormwater & drainage engineering, transportation & traffic engineering (through our sub-consultant O'Rourke Engineering), engineering and planning studies from design through construction, architecture-specifically dealing with historic preservation work (through our sub-consultant REG Architects), GIS Mapping, SCADA & MEP Engineering (through our sub-consultant Smith Engineering), environmental engineering, land surveying including SUE, and Planning, Landscape Architecture, and Irrigation Design (through our sub-consultant J Morton). **Both O'Rourke Engineering and Planning and Smith Engineering are FDOT prequalified to assist with projects that need those certifications.**

**Engenuity Group features 30 dedicated** individuals which include:

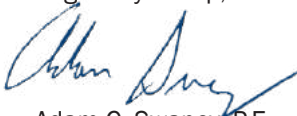
**4 full-time Professional Engineers**, 3 E.I.'s, **4 Professional Surveyor & Mappers**, and other individuals comprising of technical staff, administration, and business development/marketing. The work will be performed at our office located nearby the Town at **1280 North Congress Avenue, Suite 101, West Palm Beach, FL 33409. Phone: (561) 655-1151.**

Engenuity Group designates a client service manager for each of our continuing services clients. Our Vice President Adam C. Swaney, P.E., will serve in that role for this contract. Adam's past experience includes site investigations and evaluations, report preparations, project management, public involvement and engagement, design oversight, and construction phase management. Adam is always available for meetings including nighttime and Commission Meetings. Adam's contact information is **aswaney@engenuitygroup.com** and mobile number is: **(561) 313-6138.**

We disclose that we have no conflict of interest regarding other work performed in the Town. As we have had this contract for the past 5 years we have made it a point to not take on any private sector work within the Town boundaries so that we can best serve the Town.

On behalf of the Engenuity team, we thank you for your consideration, and hope that we have conveyed our sincerity and commitment to provide the above detailed professional services to the Town of Lake Park.

Sincerely,  
Engenuity Group, Inc.



Adam C. Swaney, P.E.  
Vice President

**YOUR PROJECT CONTACT**

**Adam Swaney, P.E.**  
Vice President

**E: aswaney@engenuitygroup.com**  
**P: (561) 313-6138**





## Project Management & Approach

### Operations Plan / Approach:

Our project development process has been proven and tested over our four decades of practice, serving countless municipal clients and special districts, earning recognition along the way.

**Engenuity's** professional team has streamlined this process to maintain quality while optimizing cost efficiency and delivery speed. We invite and encourage you to contact any one of our current or past clients to verify our outstanding track record! Our general engineering project approach is described as follows:

At the onset of a project, the **Engenuity Group's Client Services Manager** will communicate with the representative of the Town to develop the scope, deliverable, and delivery date. After this meeting, the Project Manager will create a proposal for review by the Town's staff. Once the proposal has been agreed upon the Project Manager will work with Town's staff to establish the fee schedule.

The proposal and fee schedule agreement is followed by designation of a project team by the Project Manager, which team will see the project to its completion. The Client Services Manager will be the direct liaison to the Town, and will keep the Town's staff updated on the team's progress on a weekly basis. The Client Services Manager will also assign an independent Quality Control manager for the final Quality Control of the deliverable. We will then gather existing as-built plans and documents pertaining to the area, and coordinate the efforts of our survey department to gather necessary topographic information, right-of-way information and underground utilities as marked. Next, we will use this base map information to develop our plan and profile sheets using Civil3D software.



In cases where there may be potential design conflicts, we will use Subsurface Utility Location to verify and adjust our design as necessary. The Client Services Manager will also be responsible for providing invoices to the Town in the agreed upon format, and for providing any backup information the Town might request.

Additionally, **Engenuity Group** has a proven and specific approach to surveying projects. We understand and embrace the objectives of the Town in regards to maintaining and enhancing the community in a sustainable, efficient and reliable manner. We promote green practices in our offices as well as in the field and strive to reduce our carbon footprint.

**Engenuity Group** will have field crews available to the Town at all times. We will also coordinate work with sub-consultants, collaborate with utility agencies and other entities. Engenuity will provide the Town with Hourly Billing Rates for tasks to be performed. Upon acceptance we will expedite a fully inclusive proposal to the Town for each project. We have extensive experience in submitting the required forms to municipalities prior to commencing work, and will be compliant with the Town of Lake Park procedural policies.

### CIVIL ENGINEERING APPROACH/MANAGEMENT

**Engenuity Group's** professional engineering staff is experienced in producing designs which exemplify a thorough understanding of design concepts, analyzing the issues that will affect the design, and following through to produce an accurate and complete set of construction plans and specifications.

We will conduct pre-design or consensus building meetings to communicate design intent and define expectations of deliverables. If desired, coordination meetings are routinely held to facilitate the design and incorporate new ideas or direction. **Engenuity Group** prides itself on quality control procedures that include the independent review of completed plans by two other professionals, one for engineering and one for constructability. Review of required permits in the

pre-design meeting helps determine submittal timing at design completion for expediting the permit critical path.

Progress drawings are submitted to the client for review at completion of the topographic survey, midway through design, and at ninety-five percent complete, as a minimum. A set of drawings that are well prepared and easy to read will result in lower bids and ease of construction.

Our technical specifications have been developed and tested over the 45 year existence of our firm. We use the format and numbering system developed by the Construction Specifications Institute (CSI). The CSI numbering system and section format organizes specifications to provide efficient information retrieval by the contractor, the engineer, and the client. Our specification writer has been trained by the CSI.

Because we have been in business in South Florida for over 45 years, **Engenuity Group** is very familiar with the process of obtaining permit approvals for a wide variety of projects. We specialize in difficult permitting approvals and have up-to-date copies of all applicable codes in our computer database. We have also worked with many of the permit reviewers on multiple occasions. It is also our policy to meet with the permit reviewers to discuss the design criteria and their concerns before we start design.

**Engenuity Group** utilizes construction documents that are standard to the engineering industry and were developed by the Engineers Joint Contract Documents Committee. These documents are the products of many years of study, research, legal interpretations, and court decisions, and are endorsed by most engineering professions and contractors. Our staff has been trained in the use of these documents with over 45 years of experience.

## BIDDING

Key staff members have administered bidding on literally hundreds of projects. Responding to all questions from bidders in a clear and concise manner in addenda is critical to receiving good bids. It is also important to treat all bidders equally so that no bidder has an unfair advantage. This includes conducting pre-bid meetings, preparing minutes, issuing addenda, facilitating bid openings, evaluating bids, issuing a notice of award, and reviewing bonds and insurance are all activities that we have a considerable amount of experience handling.



## CONSTRUCTION ADMINISTRATION & OBSERVATION SERVICES

- Meet with the contractor and all subcontractors to review the scope of work and schedule, testing requirements, inspection schedules, limitation on the times of day work can be done, as well as any limitations of the contractor.
- Schedule regular (weekly, bi-weekly, etc.) meetings with contractor, Town staff, engineer, sub-consultants and sub-contractors as required to insure proper project coordination and communication.
- Perform on-site field observation and submit copies of reports to Town staff. The field representative will inform the Town of the progress of the work, how it compares with the schedule and any changes in the construction that will affect the time of completion or costs.
- Recommend on a monthly basis the amount of funds to be released to the contractor based on percent completed and schedule.
- Obtain any warranties for the work done under the contract.
- Submit as-built information and certification to the appropriate governmental agencies and close out the project.

## PERMITTING REVIEW PROCESS

- Coordinate with staff on issues related to the property

being reviewed and its possible impact on the Town's objectives and initiatives.

- Provide proper comments and requests for additional information with respect to all applicable Federal, State and Local laws / ordinances.
- Concentrate on possible adverse impacts to adjacent property owners.
- Correspond with permittee when appropriate.

**Engenuity Group, Inc.** offers a full range of services in Civil Engineering, Surveying, and Construction Contract Administration. For over 40 years we have been providing professional engineering services to our clients and are dedicated to the development and economic prosperity of the local community, whether they are in the private sector or public sector, whether they are urban land developers or agricultural enterprises. The firm specializes in projects for Municipalities, Special Districts and other quasi-governmental clients. This work comprises over 70% of the firm's work. The following is a more specific listing of the exact services we excel in:

## CIVIL ENGINEERING AND CONSULTING

- Water Distribution and Sewer Collection Systems
- Paving, Grading and Drainage - Design and Permitting
- Master Drainage Systems
- Water Management Studies and Design
- Roadway Design and Permitting
- Design and Permitting
- Earthwork Analysis/Digital Terrain Modeling
- Marina Design and Permitting
- Seawalls and Docks - Design and Permitting
- Hydrographic Studies
- Park Designs
- Land Development Services
- Construction Observation Services, Certification of Completion

- Quality Control Evaluations
- Plan Review and Evaluation
- HOA/POA Turnovers
- Municipal, Water Control District and "CDD" Consultant

## Engineering & Surveying Development Review Services

**Engenuity Group, Inc.** has 45 years of experience in reviewing peer engineering and survey development plans that are submitted to municipalities by other firms. Typically the developers will submit the plans to the Town and Staff will assign the plan to us for review using a system such as ProjectDox or by email. We then keep track of the plans that are organized in a folder on our end and given to the reviewer to view and ensure they are in compliance with Town Ordinances and State of Florida laws.

Usually the developer pays a fee to the Town so that our services are not taxpayer funded. We provide a flat fee or hourly proposal that covers 3 reviews and a final approval letter. Once the job is started we typically have less than a week turnaround time in which we submit a letter with comments or approval of the plans or the plat. All time is kept track of and billed to the escrow account that is set up by the Town that the developer pays into.

We also assist with onsite inspections to ensure that the plans are being followed. If there are other scopes of work that are included such as landscape architecture or photometrics, Engenuity Group will retain a sub-consultant that will review those plans and we will keep track of the comments and deliver all if them to the Town as a package. We are experts at providing these services for both engineering plans and surveys/plats. We can review the plans during the site plan process and also when the project goes to building permit to ensure nothing has changed. We are happy to coordinate with Town Staff, Applicants and other stakeholders and will attend meetings as necessary to report on reviews.

We provide these services for many other Cities, Towns, and Villages and have a process down to turn reviews are around quickly. We have reviewed thousands of plans and performed inspections on all different types of projects from single family homes, apartment and condo complexes, equestrian facilities, civic tracts, roadways, commercial facilities, and basically any other type of development that exists. We currently review engineering plans and plats for the Village of Wellington (100+ projects), the City of Westlake (60+ projects), Town of Lake Park (30+ [projects), City of Riviera Beach (20+ projects), Town of Ocean Ridge (100+ projects), the Village of Palm Springs (60+ projects), Town of Loxahatchee Groves (25+ projects) City of Boynton Beach, City of Delray Beach, Town of Hypoluxo, Town of Lake Clarke Shores, City of Lake



Worth Beach, Town of Manalapan, Village of North Palm Beach, Town of Palm Beach, City of Palm Beach Gardens, Town of Jupiter Island, City of Sunrise, and the City of West Palm Beach. Many of these communities planning and engineering departments have come to rely on us and consider us an integral part of their approval process on projects.

## **LAND SURVEYING APPROACH/ MANAGEMENT**

### **Design (Topographic) Surveys**

**Engenuity Group** will establish both horizontal and vertical controls on the ground using published control markers for the originating control. We are cognizant of the different vertical datum that is currently being used in the area and are committed to communicating that in our deliverables.

### **Boundary Surveys**

In performing any boundary survey, we will establish or re-establish the boundary line on the ground or will obtain data to construct a map or plat showing the boundary line. These boundary lines will be monumented in the ground, as necessary, and a legal description will be prepared for the subject parcel.

### **Preparation of Sketches and Legal Descriptions**

**Engenuity** will write legal descriptions that describe land boundaries by either a metes and bounds method or by aliquot parts. The sketch that accompanies the legal description shows all of the information referenced in the description and also states that the sketch is not a survey. The initial point in our sketch and descriptions will be tied to a government corner, a recorded corner, or some other well-established survey point.

### **Plat Preparation**

**Engenuity Group** can produce any plats or re-plats that the Town may require. The platting process utilizes the same Quality Control/Quality Assurance methods that we incorporate in our other survey products.

### **Mapping**

**Engenuity** performs two (2) basic methods of mapping, done through either aerial (photogrammetric) or ground (field) technologies. In most circumstances, we use a combination of these two methods. The photogrammetric method allows us to map large areas economically and accurately. We will then use ground surveying to establish control and to check mapped features for accuracy.

### **AutoCAD Drafting**

**Engenuity Group** gathers field data digitally and then processes it in the office using AutoCAD/Civil 3D (version 2023).

We can analyze, modify, enlarge/reduce the scale and change contour intervals in the office prior to creating hard copies of the survey. We can also depict various features on the map using a combination of points, lines, and symbols. These digital files can then be used by our GIS and engineering department for data analysis or thematic mapping.

### **Bathymetric/Hydrographic Surveys**

**Engenuity Group** frequently performs both Bathymetric/Hydrographic Surveys on a regular basis being that we are located in close proximity to the ocean and Florida's many other bodies of water. Automated hydrographic surveys are conducted in strict compliance with the U.S. Army Corps of Engineers Specifications and include only the latest technological advancements in sounding and positioning equipment and navigation software. Conventional methodologies can also be incorporated when obtaining soundings. Utilizing the HyDrone-ASV to obtain depths of water and its corresponding horizontal location with real world coordinates, obtained by Trimble based GPS units, is much more efficient and safer than obtaining the same data utilizing traditional means.

### **Construction Layout/As-built Surveys**

**Engenuity** will acquire the approved specifications prior to commencement of any surveying efforts. We will determine the appropriate number of horizontal and vertical monuments to be established, and the relationship of those monuments to construction lines, grades, and offset lines. **Engenuity Group** will examine and analyze the approved set of plans and compute as needed, then plan the necessary methods and procedures for conducting the construction survey.

### **Subsurface Utilities Engineering/GPR**

Subsurface utility locates begin with submitting Sunshine 811 Design Tickets that show the underground utilities and the contact information per the Sunshine 811 database. As-builts, plans, and graphics are then requested from these contacts directly provided the contact information is still valid and there is not a specified alternate method of requesting resources (City of Sunrise has an online Portal to request records for

city managed utilities for example). Field work begins with identifying above ground structure that relate to underground utilities, i.e., electric panels, fiber optic vaults, communication risers, water and sewer valves, and manholes. Many of these structures provide connection points to locate conductive utilities using an electromagnetic locator by sending a current from a transmitter at a specified frequency that can be picked up by a receiver. Ground Penetrating Radar is used to verify the location of larger utilities located using an Electromagnet Locator as well as to locate utilities that are not conductive and therefore can not be located using an electromagnetic locator. Records received before field work is used to expedite the field process by indicating the areas utilities should be located. After field work is complete, Records and field data are both used to identify the horizontal location and type of utilities located on site. Finalized utility locates are then sent to the client shown on an aerial of the site or as supplementary information on an **Engenuity Group** official Survey.

#### **Survey Document Review**

**Engenuity Group** will review all plats, boundaries, and sketch and descriptions in a timely manner, following the standards in the industry. Each review will generate a comments letter.

### **PERFORMANCE BENCHMARKS AND PLANS**

**Engenuity** has a clear and concise protocol for completing a project, from the beginning to the end, where final signed and sealed survey plans are submitted to the Town for review and for the use of the project Architect or Engineer. These different phases of the project, or benchmarks, allow for a time-tested and proven product to be delivered to the Town with utmost accuracy. Every step is quality controlled and ultimately sent to our Quality Control Manager who gives a final review before turning it over to Town Staff. These Benchmarks include:

- Horizontal & Vertical Control set-up by

Field Crew Manager to ensure accuracy in the field,

- Collection of all data in the field by crews under management of experienced Crew Chief,
- Download of collected data to server for use in creating maps,
- Completion of first draft by AutoCAD drafters for review and redline by Project Manager,
- Revisions and fine tuning of maps,
- Penultimate check by project manager to ensure accuracy,
- Final review by Quality Control

### **QUALITY CONTROL**

After completion of survey drawings, or any other deliverable, Engenuity Group, Inc. has a formal review period. The project will be reviewed by Andre Rayman, P.S.M., Engenuity Group's Quality Control/Quality Assurance Manager who has had no participation in the project. The review elevates the quality of the final product.

### **TIME FRAMES**

Engenuity Group has developed procedures which can catch possible field errors during construction, by an in-house review of the work performed. It takes approximately one day to perform an in-office check of the file. Construction does not begin until review is finalized.

**Engenuity Group** internally schedules weekly staff meetings as well as quarterly project reviews for clients, manpower and scheduling needs. **Engenuity Group** uses Ajera Financial Management software which is a project management/accounting program specific to engineers/architects for project cost control and accounting. To meet budget requirements, during the proposal stage, we establish the hours assigned for each unique task.

Once a task is approved all information regarding due dates and budgets are entered into work orders in Ajera including all of those involving sub-consultants. This allows us to supervise all sub-consultants to ensure they adhere to timeframe and monetary requirements. In addition, we can input detailed information regarding the contracts that are current, making it easy to keep in compliance with all regulations and contract parameters.

After completion of construction plans, rather than immediately submitting to the government agencies for approval, Engenuity Group, Inc. has a formal review period. The project will be reviewed by one of Engenuity Group's senior project managers who has had no participation in the project. The review period takes about one week but can be sped up based on Town priorities.

**Engenuity Group** has developed a "Quality Control Checklist"

which specifically lists items to guide the Review Committee's process of approving the plans for construction. Each specific item must be addressed as to whether it is sufficient, insufficient or not applicable.

Signatures are ultimately required by all Review Committee members to stress the importance and responsibility and seriousness of our QA/QC Process.

**SCHEDULING**

Please see our Workload chart for our availability information per individual. In general, two of our team members are constantly prioritizing which projects need immediate attention and organizing our schedules—for engineering and for surveying. We ensure that work is assigned to the many resources on our team and the best combination to get the job completed.

**COMMUNICATING**

At **Engenuity Group, Inc.** we pride ourselves in keeping an open line of communication at all times. We openly share our mobile numbers and emails, in addition to the main office phone, where we can be reached at all times. We know that the Town of Lake Park serves the citizens, and by extension so would we. We would welcome all staff and Project Managers to contact us at any time should the need arise. We provide you with our Primary Project Manager's cell phone, so that we are always reachable.

**TIME & BUDGET**

**Engenuity Group, Inc.** takes time and budget constraints very seriously. Because the majority of our clients are municipalities and government agencies we are quite knowledgeable and experienced with managing budgets and understanding the system of processing work authorizations, as well as keeping project costs on target with the approved proposal. We are serious about meeting time and budget requirements. To meet time requirements we establish a due date in writing, establish intermediate

milestone dates and we meet these dates.

To meet budget requirements we establish, at the proposal stage, the hours assigned for each unique task. We utilize software to assist us in monitoring the relationship of work progress to the budget.

Our performance record speaks for itself, as our clients will attest. We pride ourselves on minimizing effects of unforeseen variables and keeping the scope of projects on track by quickly addressing and resolving project development needs. We believe that the success of project development relies on a well set-up project that is expertly monitored and kept in close communication with the project owner.

**Engenuity Group, Inc.** is currently performing Civil Engineering Services on continuing contract for the following entities:

Town of Jupiter Island	City of Oakland Park
Broward Health District	PB Atlantic University
Town of Lake Clarke Shores	City of Riviera Beach
Town of Manalapan	South Martin Regional Utility
Town of Ocean Ridge	Town of Lake Park
Village of North Palm Beach	Town of Mangonia Park
Village of Palm Springs	Solid Waste Authority of PBC
Village of Wellington	Town of Palm Beach Shores
Florida Atlantic University	Westgate CRA
City of Delray Beach	Town of Loxahatchee Groves

We are also performing Professional Land Surveying Services on Continuing Contract for the following entities:

City of Oakland Park	City of Delray Beach
City of Miramar	Town of Lake Park
City of Sunrise	City of Palm Beach Gardens
City of Boynton Beach	School District of PBC
City of Pompano Beach	Town of Mangonia Park
Town of Lake Clarke Shores	Town of Loxahatchee Groves
City of Lake Worth Beach	Broward College
Town of Manalapan	City of Tamarac
Village of North Palm Beach	City of Hallandale Beach
Town of Ocean Ridge	City of Hollywood
Village of Palm Springs	Town of Pembroke Park
City of Riviera Beach	City of Pembroke Pines
Village of Wellington	Town of Palm Beach Shores
City of West Palm Beach	Westgate CRA
City of Westlake	



## EQUIPMENT

Our offices are outfitted with state of the art equipment and the latest software for office management/accounting, and design in order to produce the best quality, most accurate product efficiently. Engenuity Group is equipped with the following devices:

### (10) GPS units:

- (2) Trimble - R8-3 GNSS
- (1) Trimble R8
- (2) Epoch 50
- (5) Spectra Precision SP60

### (5) Total Stations:

- (2) Topcon GST 225
- (2) Topcon GST 235W
- (1) Topcon ES-105

## Software:

AutoCAD 2023 Civil 3D  
AutoCAD 2023 LT  
ArcView GIS  
TGO  
Opus  
CorpsCon  
VertCon  
CovertToRinex  
Microsoft Office Pro 365  
Adobe Pro DC  
Pix 4d software for drone data

## Drones:

We utilize two aerial drones operated by one of our two FAA licensed technicians: Phantom 4 Pro and the DJI Inspire 2, that has the capacity of flying for almost 30 minutes while taking 360° view range photo/video with up to 6K and can fly 50MPH, with app control.

In addition, our technicians utilize a Seafloor HyDrone when needed.

All of our printing needs are fulfilled in-house with a KIP7170k printer for drawings and HP LaserJet MFP for documents.

### (5) Levels: G2

- (2) Topcon AT-G2
- Topcon RL-H3CL
- Topcon DL-102 Digital
- Topcon RL-H3CL Laser Level

### Vehicles:

- 2014 Ford F150
- 2013 Ford F150
- 2012 Ford F150
- 2009 Ford F150
- 2007 Ford F150
- 2006 Ford F150
- 12' John Boat

### Data Loggers:

- Spectra Ranger TSC-3

## SUE Equipment

GPR  
Impulse Radar-PinPointR  
Model: CQ00102  
S/N: 20167820

## Electromagnet Locator

Vivax Metrotech- vLoc3 RTK-Pro  
Model: VX226-01  
S/N: 22601160308

## Electromagnet Transmitter

Vivax Metrotech- Loc3-10Tx  
Model: VX219-02  
S/N: 21902162841



## References:

1. Charles Huff  
Village Manager  
Village of North Palm Beach  
561) 904-2122  
chuff@village-npb.org
2. Jim Barnes  
Village Manager  
Village of Wellington  
(561) 791-4085  
jbarnes@wellingtonfl.gov
3. Joseph Lo Bello, CPA  
Town Administrator  
Town of Lake Clarke Shores  
(561) 964-1515 ext. 1112  
jlobello@lakeclarke.org

## LICENSES, REGISTRATIONS, AND CERTIFICATIONS

### Licensee Details

#### License Information

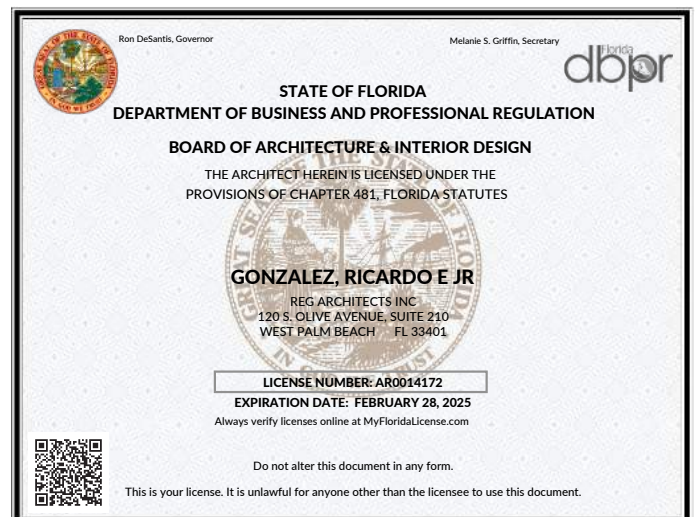
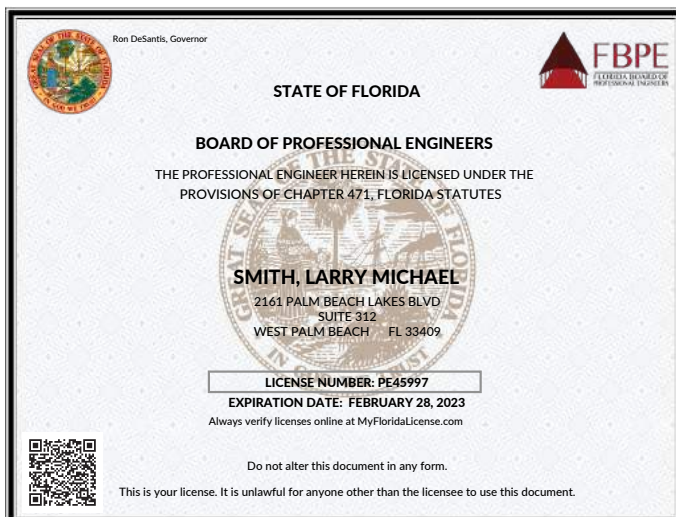
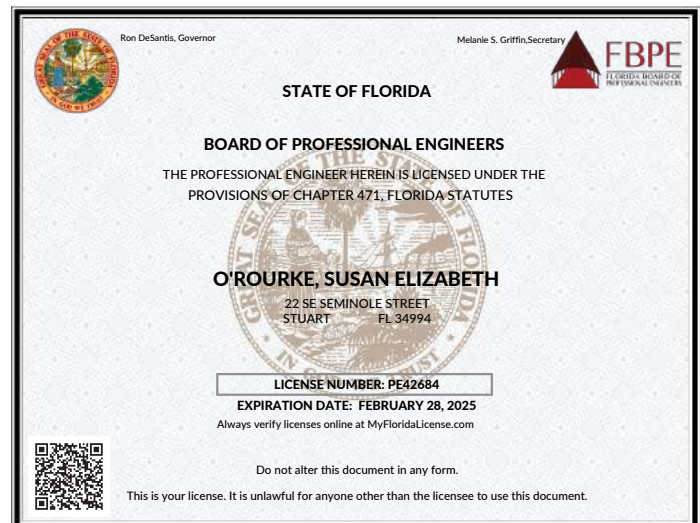
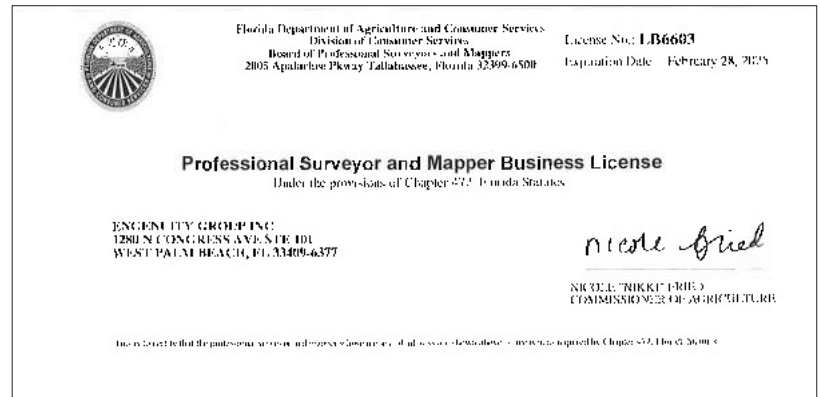
Name: **ENGENUITY GROUP, INC. (Primary Name)**  
 Main Address: **1280 NORTH CONGRESS AVENUE  
 SUITE 101  
 WEST PALM BEACH Florida 33409**  
 County: **PALM BEACH**  
 License Mailing:  
 License Location:

#### License Information

License Type: **Registry**  
 Rank: **Registry**  
 License Number: **7095**  
 Status: **Current**  
 Licensure Date: **02/21/1995**  
 Expires:

#### Special Qualifications

#### Qualification Effective





## **PARK AVENUE ROAD DIET & WATERMAIN**

Lake Park, Florida

### **Description**

Engenuity Group was contracted by the Town of Lake Park to provide Professional Engineering & Land Surveying services this project to do a lane reduction on Park Avenue from 7th Street to US 1. The goal of the project is to make Park Avenue more accessible and pedestrian friendly by removing traffic lanes and including a multi-use path and incorporating more landscaping to beautify the area.

Our Survey Department prepared a Topographic Survey of the area and also located and mapped all underground utilities using GPR and electromagnetic locating equipment. We then prepared Paving, Grading, and Drainage Design and Construction Documents, Drainage Calculations, obtained permits from SFWMD, and attended Team Meetings and Presentations to Stakeholders.

While performing the road diet work, the Town decided to also put a new Watermain in along the entire route. Construction on both will be done simultaneously to decrease inconveniences to users. We provided full civil services including design development, construction documents, permitting through the Town and County Health Department, and bidding services for construction. The team worked with O'Rourke Engineering to coordinate with traffic and roadway planning and J Morton for the landscaping and irrigation during the process.

### **Contact Info**

#### **John Wille, Capital Projects**

Town of Lake Park  
640 Old Dixie Hwy.  
Lake Park, FL 33403  
P: (561) 881-3345 ext. 647  
jwille@lakeparkflorida.gov

### **PROJECT INFO**

Completed: Ongoing  
Duration: Ongoing  
Fees: \$147,500  
Change orders: None

### **Personnel:**

Lisa A. Tropepe, P.E.  
Adam C. Swaney, P.E.  
Richard Brown, E.I.  
Gabrielle Jessurun, E.I.  
Jennifer Malin, P.S.M.,  
C. Andre Rayman, P.S.M.  
Mariah Anderson  
Clarence Cole



## **10TH ST. OVAL ABOUT & INTERSECTION IMPROVEMENTS**

Lake Park, Florida

### **Description**

Engenuity Group is working on this traffic calming project with the Town of Lake Park and O'Rourke Planning & Engineering to create a new Oval-About at the intersections of 10th Street, Prosperity Farms Road, and Northern Drive in the heart of Lake Park. The purpose of the project is to address operational and safety concerns in the area based on crash data. Solutions to the issue were studied and the Oval-About Design was ultimately selected by the Town. This design will reduce confusion from the current configuration and provides greater distance when entering as opposed to a more traditional traffic circle.

Engenuity Group worked initially on a schematic design for the project that involved reviewing all the reports and studies and creating a scaled preliminary engineering plan complete with dimensions, and auto-turn and right-of-way analysis. Coordination with Palm Beach County Traffic Division was also necessary for removal of existing traffic signal.

We provided a complete Topographic & Tree Survey of the intersection extending 200 feet outside the boundary, located all underground utilities using GPR equipment, attended public workshops, Town Council, and Planning & Zoning meetings, prepared complete paving, grading, and drainage construction plans, permitting with the Town, SFWMD, and PBC Engineering Dept, bidding, and construction phase services.

### **Contact Info**

#### **John Wille, Capital Projects**

Town of Lake Park  
640 Old Dixie Hwy.  
Lake Park, FL 33403  
P: (561) 881-3345 ext. 647  
jwille@lakeparkflorida.gov

### **PROJECT INFO**

Completed: Ongoing  
Duration: Ongoing  
Fees: \$142,000  
Change orders: None

### **Personnel:**

Lisa A. Tropepe, P.E.  
Adam C. Swaney, P.E.  
Kender Louisius  
Gabrielle Jessurun, E.I.  
Jennifer Malin, P.S.M.,  
C. Andre Rayman, P.S.M.  
Mariah Anderson  
Juan Olave  
Reggie Bailey



## OLD DIXIE HWY SEPTIC TO SEWER STUDY

Lake Park, Florida

### Description

Engenuity Group recently completed a Septic to Sewer Study for the Town of Lake Park on the Old Dixie Highway corridor starting at Silver Beach Road and extending north 8,150 linear feet. The first phase of the project consisted of fact finding and the preparation of a Topographic & Tree/Route survey that was divided in 3 sections and captured data on the west side of the Highway including the Lake Park Public Works Facility.

Once we determined what currently existed we were able to prepare a conceptual study to plan for replacement of the current septic tank system to a sewer collection system. After discussions with community stakeholders, presentations to Town Council and Lake Park residents and evaluation of probable costs a low pressure / gravity sewer system was recommended be the most viable and economical option.

Converting Septic Tank systems to collection sewer lines is becoming a popular rehabilitation method due to environmental concerns from harmful discharges that can pollute surrounding ground and sea water.

### Contact Info

**Nadia Di Tommaso, FRA-RP, LEED AP**  
**Community Development Director**

Town of Lake Park  
535 Park Avenue  
Lake Park, FL 33403  
(P): (561) 881-3319  
NDiTommaso@lakeparkflorida.gov

### PROJECT INFO

Completed: 08/2022  
Duration: 11 months  
Fees: \$37,500  
Construction Cost: N/A  
Change orders: None

### Personnel:

Jennifer C. Malin P.S.M.  
C. Andre Rayman, P.S.M.  
Travis Morrell  
Justice Sadzauchi, P.S.M.  
Adam C. Swaney, P.E.  
Kevin Gomez  
Lisa A. Tropepe, P.E.



## LAKE PARK 12" FORCEMAIN TOPOGRAPHIC & SUE SURVEY

Seacoast Utility Authority

### Description

Engenuity Group prepared a Topographic/Route for Chen Moore & Associates for a 12" Forcemain project located in the Town of Lake Park for Seacoast Utility Authority (SUA). The route extends approximately 6,500 LF from N. Federal Hwy. along Greenbriar Drive and runs along 5th St., Seminole Blvd., and Crescent Dr. ending at the intersection of Jasmine Dr. and Teak Dr.

The data collected included radius point locations at intersections, all underground utilities (marked by others), water meters and cleanouts, trees, bodies of water, culverts, catch basins, manholes, storm drains, sidewalks, edge of pavement along route, platted easements on 2nd Court and 2nd St. between Hawthorn and Greenbriar Drives, any other easements shown on the SUA website along path, and expanded right-of-way triangular area at the intersections of Flagler Blvd. and 5th St. & Palmetto and Crescent Drives.

In addition, all Storm and Sanitary Structures will be as-built including structures up and downstream from the limits of the survey area.

### Contact Info

**Suzanne Dombrowski, P.E., ENV SP**  
Senior Engineer/Office Manager  
Chen Moore & Associates, Inc.  
500 Australian Ave. S, Ste. 850  
West Palm Beach, FL 33401  
(P): (561) 746-6900 x1035  
sdombrowski@chenmoore.com

### Personnel:

Jennifer C. Malin P.S.M.  
C. Andre Rayman, P.S.M.  
Travis Morrell  
Mariah Anderson  
Justice Sadzauchi, P.S.M.  
Clarence Cole

### PROJECT INFO

Completed: 12/2021  
Duration: 6 Weeks  
Fees: \$39,910



## TOWN OF LAKE PARK PLAN REVIEW SERVICES

Lake Park, Florida

### Description

Engenuity Group, Inc. reviews construction and site plans submitted to the Town of Lake Park to ensure adherence to the Town's standards. Coordination with sub-consultants when applicable was necessary for landscape architecture, traffic plans and studies, and photometric plans. Engenuity Group has reviewed and provided commentary on plans for the following projects:

- Nautilus 220
- Cell Tower Site
- Northlake Promenade- Tire Kingdom
- Coston Marine
- 754 Park Ave- Dedicated IT
- Target Garden Center Enclosure
- Watertower Industrial Warehouse
- Clean Sweep Refuse LLC
- Silver Beach Industrial Park
- Lake Park Innovation Center
- CRA Parking Lot
- 334 10th Street Special Exception
- 1145 Old Dixie- JH McGregor & Sons
- Congress Avenue Business Park Warehouse
- 1000 Northlake- Take 5 Oil Change
- Northlake Promenade Apartments
- Dalfen Watertower Industrial
- Oceana Coffee
- DXD Capital Self Storage
- Target PUD Master Plan Amendment
- Texas Roadhouse
- 1220 10th Street
- The Adler/Kelsey on Park
- Empire Landscape
- Residences at 10th & Park

### Contact Info

#### Anders Viane

Planner, Community Development  
Department  
Town of Lake Park  
535 Park Avenue  
Lake Park, FL 33403  
aviane@lakeparkflorida.gov  
(561) 881-3320

### PROJECT INFO

Completed: Ongoing  
Duration: Ongoing  
Fees: Vary

### Personnel:

Adam Swaney, P.E.  
Tara Bamber, P.E.



## LAKE PARK HARBOR MARINA EXHIBIT

Lake Park, Florida

### Description

Engenuity Group has served as the Town Engineer since 2018. Upon the request of the Town, and to aid their efforts of planned improvements, our survey department prepared an exhibit of the Marina.

This exhibit identified the Marina site by PCN 36-43-42-21-00-004-0010. The Marina is comprised of seven (7) parcels. Our exhibit superimposed the boundaries of each of the seven parcels onto a current Palm Beach County ortho-rectified aerial image of the Marina. The limits of each of the seven parcels were clearly identified and annotated.

### Contact Info

#### Nadia Di Tommaso, FRA-RP, LEED Community Development Director

Town of Lake Park  
640 Old Dixie Hwy.  
Lake Park, FL 33403  
(561) 881-3319 (P)  
(561) 881-3323 (F)  
nditommaso@lakeparkflorida.gov

### PROJECT INFO

Completed: 8/2019  
Duration: 1 week  
Fees: \$2,250

### Personnel:

Jennifer C. Malin P.S.M.,  
Joseph Williams  
Adam Beck





## TEQUESTA CONSTITUTION PARK COMMUNITY CENTER

Tequesta, Florida

### Description

Engenuity Group Inc. (EGI) provided a Boundary & Topographic Survey and Civil Engineering Services for the Tequesta Constitution Park Community Center Project. The Community Center will be a new addition to the existing pavilions, playgrounds, and skate park.

The Community Center will be approximately 13,500 GSF. Inside the building will consist of: Lobby, Waiting Area, Fitness Room, Multi-Purpose Space, Activity Room, Game Room, Offices, Break/Copy Room, Restrooms, Storage and Mechanical/Electrical Room.

The surveys provided by EGI were conducted on the entire site including pathways, structures, parking lots, and trees. After the completion of the survey EGI provided Civil Engineering services which included Schematic Design related to site plan assistance, design development, construction documents, permitting assistance, construction administration and final certifications for redesign of the basketball court and modifications & upgrades to existing park pathways.

### Contact Info

#### Christine Merrell, RA

Project Manager  
REG Architects  
300 Clematis Street, 3rd Floor  
West Palm Beach, FL  
CMerrell@regarchitects.com  
(561) 659-2383 Ext 10

### PROJECT INFO

Completed: 08/2022

Duration: 2.5 Years

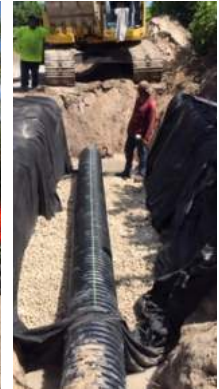
Fees: \$40,300

Construction Cost: N/A

Change orders: None

### Personnel:

Jennifer C. Malin P.S.M.,  
C. Andre Rayman, P.S.M.  
Mariah Anderson  
Adam Swaney, P.E.  
Kender Louisius



## NORTH BEACH RD DRAINAGE & ROADWAY IMPROVEMENTS

Jupiter, Florida

### Description

Engenuity Group was contracted by the Town of Jupiter Island to provide Professional Engineering & Land Surveying services in connection with the North Beach Road project. This project is being completed in three phases; Phase 1 included survey, Phase 2 resolved drainage issues, and Phase 3 consisted of the new roadway design including full depth reclamation. Survey services included:

- Locating sufficient horizontal control points to register the previously created map to the vertical data
- Quality controlling the horizontal features and made updates
- Collecting elevations at 50' stations and high/low points
- Providing topography in the wooded conservation areas for future drainage design
- Drone footage and photos

For Phase 2 of this project, Engenuity Group, Inc. provided a Drainage design for the North Beach Road which included water quality/quantity drainage systems in low lying locations to address trapped standing stormwater areas. An opinion of probable cost was included.

Phase 3 of this project consisted of the new roadway design. Engenuity Group, Inc. proposed a uniform 18 foot minimum road width and utilized geotechnical reports to determine ultimate pavement design needs. Roadway drainage and grading needed to be addressed for storm water tended to be trapped in many areas along the road. Grading out high points and low points to alleviate "puddling" was evaluated. Harmonizing driveways to minimize homeowner impacts was also considered.

### Contact Info

#### Stuart Trent, P.E., Town Engineer

Town of Jupiter Island  
2 Bridge Road  
Hobe Sound, FL 33455  
P: (772) 545-0171  
F: (772) 546-6378  
strent@tji.martin.fl.us

### Personnel:

Lisa A. Tropepe, P.E.  
Adam C. Swaney, P.E.  
Richard Brown, E.I.  
Kimberli Kile, E.I.  
Jennifer Malin, P.S.M.,  
C. Andre Rayman, P.S.M.  
Justice Sadzauchi, P.S.M.

### PROJECT INFO

Completed: 2021

Duration: 2 years

Fees: \$113,950





## TAB 3

### **Proposals and Experience of Consultant's Employees Assigned to the Town**





# ADAM C. SWANEY, P.E.

Vice President, Client Services Manager



## Project Experience:

**LAKE PARK DRAINAGE/STORMWATER PROJECTS** Mr. Swaney was the Project Manager for multiple projects in the Town to enhance the drainage and stormwater infrastructure in each area. Engenuity Group met onsite with Lake Park staff to take measurements and observe the pipe failures, made recommendations on the repair approach, after reviewing video of the failures, and prepared a drawing specifying replacement/repair of the damaged pipes as well as any associated roadway repairs. We also assisted during the bidding and construction phases of the project. Project locations include:

- 1600 Flagler Drive
- 904 Jasmine Drive
- 704 West Ilex Drive to 704 West Jasmine
- 704 to 722 West Ilex Drive
- 846 to 860 Jasmine Drive

**PARK AVENUE ROAD DIET & WATERMAIN** Mr. Swaney was the Project Manager on this project to do a lane reduction on Park Avenue from 7th Street to US 1. The goal of the project is to make Park Avenue more accessible and pedestrian friendly by removing traffic lanes and including a multi-use path and incorporating more landscaping to beautify the area. Adam prepared Paving, Grading, and Drainage Design and Construction Documents, Drainage Calculations, obtained permits from SFWMD, and attended Team Meetings and Presentations to Stakeholders. While performing the road diet work, the Town decided to also put a new Watermain in along the entire route. Construction on both will be done simultaneously to decrease inconveniences to users. We provided full civil services including design development, construction documents, permitting through the Town and County Health Department, and bidding services for construction.

**TOWN OF LAKE PARK- PLAN REVIEWS** Mr. Swaney was the Project Manager who reviewed the various below projects on behalf of the Town. All civil plans were reviewed for adherence to code and Lake Park standards. Coordination with sub-consultants when applicable was necessary for landscape architecture, traffic plans and studies, and photometric plans.

- Nautilus 220
- Cell Tower Site
- Northlake Promenade- Tire Kingdom
- Coston Marine
- 754 Park Ave- Dedicated IT
- Target Garden Center Enclosure
- Watertower Industrial Warehouse
- Clean Sweep Refuse LLC
- Silver Beach Industrial Park
- Lake Park Innovation Center
- CRA Parking Lot
- 334 10th Street Special Exception
- 1145 Old Dixie- JH McGreggan & Sons
- Congress Ave. Business Park Warehouse
- 1000 Northlake - Take 5 Oil Change
- Northlake Promenade Apartments
- Dalfen Watertower Industrial
- Oceana Coffee
- DXD Capital Self Storage
- Target PUD Master Plan Amendment
- Texas Roadhouse
- 1220 10th Street
- The Adler/Kelsey on Park
- Empire Landscape
- Residences at 10th & Park

**608 KALMIA DRIVE REPAIR, LAKE PARK, FL** A sinkhole was forming at the intersection of Kalmia Drive and Palmetto Road, caused most likely by a sheered pipe. Engenuity Group is the Town Engineer for the Town of Lake Park, and was tasked with identifying the scope of work necessary for the repairs. Mr. Swaney is the Principal in Charge, ensuring that repairs to the pipe and road section are properly planned and executed.

## KALMIA DRIVE AND FLAGLER BLVD DRAINAGE IMPROVEMENTS, LAKE PARK, FL

Pipe failure occurred at the intersection of these roads that caused a sink hole to develop. Stormwater improvements were necessary which the Town of Lake Park delegated to Engenuity Group, the current Town Engineer for Lake Park. Mr. Swaney is the Principal in Charge, seeing this project through the design, bidding and construction phases.

Mr. Swaney is a Senior Project Manager who works with both public and private sector clients. He is responsible for water distribution systems, sanitary sewer and stormwater design and modeling, site grading and various agency permitting. Throughout his career, Mr. Swaney has also worked on many roadway improvement projects, most recently designing all new roads on a land development project located across the C-51 Canal from Southern Boulevard that was recently annexed into the Village of Royal Palm Beach.

## YEARS OF EXPERIENCE

Total: 17

With Engenuity Group: 10

% of Time on Project: 75%

## EDUCATION

Bachelor of Science  
Civil Engineering  
University of Florida, 2005

## CERTIFICATIONS

State of Florida  
Civil Engineering #72235

## AFFILIATIONS AND AWARDS

LEED Accredited Professional Florida, 2009

Young Engineer of the Year  
American Society of Civil Engineers  
Palm Beach Branch, 2008

ASCE Younger Member Coordinator  
Palm Beach Branch  
2006 - 2008

# LISA A. TROPEPE, P.E.

Vice President, Project Manager



## Project Experience:

**TOWN OF LAKE PARK SEPTIC TO SEWER STUDY** - Ms. Tropepe recently completed a Septic to Sewer Study for the Town of Lake Park on the Old Dixie Highway corridor starting at Silver Beach Road and extending north 8,150 linear feet. The first phase of the project consisted of fact finding and the preparation of a Topographic & Tree/Route survey that was divided in 3 sections and captured data on the west side of the Highway including the Lake Park Public Works Facility. Once it was determined what currently existed she was able to prepare a conceptual study to plan for replacement of the current septic tank system to a sewer collection system. After discussions with community stakeholders, presentations to Town Council and Lake Park residents and evaluation of probable costs a low pressure / gravity sewer system was recommended be the most viable and economical option.

**TOWN OF JUPITER ISLAND, NORTH BEACH ROAD IMPROVEMENTS** - Ms. Tropepe, as the Engineer of Record, oversaw the project and proposed a uniform 18-foot minimum road width. From Bridge Road North to the Federal Park, North Beach Road was approximately 8,800 linear feet. EGI designed and prepared a Paving, Grading and Drainage plan. EGI worked with Terracon and utilized their geotechnical report to determine ultimate pavement design needs. A Full Depth Reclamation Plan was ultimately designed to meet the structural standards needed for the road. In addition, a mill and overlay system was proposed in the Northern part of the project. The roadway improvements were publicly bid and EGI, under Ms. Tropepe's leadership, was responsible for the Construction Administration of the Project. This included on-site observations, review/evaluate pay applications and record drawings and ultimately certifying completion. We also addressed coordination with utility companies, the adjacent property owners and local staff.

**TOWN OF OCEAN RIDGE** - Ms. Tropepe has served as Town Engineer for Ocean Ridge since 2000. She has successfully completed many drainage projects within this coastal community. Projects have included: installing two massive underground submersible pumping stations, successfully aiding the Town in securing over \$1.4 million in grant money for its drainage projects, as well as drawings and calculations for Town permit applications, assisting with homeowner issues, providing general civil engineering, surveying and GIS mapping services.

**COCONUT LANE OUTFALL, OCEAN RIDGE** - Ms. Tropepe supervised the design of a permanent storm water pump to replace the Town's existing flood protection system of portable pumps and manually operated flood control gates. The existing 4.8-acre project area was discharging stormwater runoff directly to a tidal mangrove swamp, connected to the Lake Worth Lagoon without any stormwater treatment. The design incorporated dry detention of stormwater runoff and a nutrient separating baffle box to improve the quality of the stormwater runoff entering the Lake Worth Lagoon. Engenuity Group administered the construction contract and provided construction phase services for the project.

**OCEAN RIDGE** - South Phase Improvements Passive Park - This project included the construction of a 30,000 gpm pump station on Tropical Drive. In development of the drainage project, Ms. Tropepe spearheaded the incorporation of a parcel that the Town owned at the corner of Woolbright and A1A, which was designed and permitted to be a passive park/detention area. The different depths of the retaining area within the park allows for a variety of vegetation that provide an ideal habitat for various wading and migratory birds.

**Foxtail Palm Park Development Civil Design, Palm Springs** - Through our continuing services contract for Surveying & Engineering Services for the Village of Palm Springs, Tropepe completed the planning, design and bidding phases for this project to develop a new neighborhood park. Foxtail Park is going to reside on a parcel of land that was originally planned for use by PBC as roadway stormwater retention. The conceptual design plan allows for 10 parking spaces, playground, picnic tables, gazebo and drinking fountain, irrigation system, pond fountain, as well as a concrete walkway around the existing pond, complete with fencing and landscaping improvements. Preliminary planning involved meetings to discuss potential conflicts, and visit to the site to verify all survey information for the preliminary drainage calculations, then meeting with SFWMD & LWDD concerning permitting. Proceeding this was the final design and permitting phase, then the (ongoing) bidding and construction phase that Engenuity Engineers manage and Ms. Tropepe oversees, providing superior service to the Village.

Lisa Tropepe has a statewide reputation both for her Engineering expertise and her community leadership. She was appointed to the State Environmental Regulation Commission by Governor Jeb Bush and presided over the setting of the Phosphorus Standards in the Everglades. She serves as a Commissioner for the Town of Palm Beach Shores. She is Past President of the Palm Beach County League of Cities and also served as a Board Member for the Florida League of Cities.

## YEARS OF EXPERIENCE

Total: 40

With Engenuity Group: 31

% of Time on Project: 75%

## EDUCATION

Bachelor of Science, Civil Engineering  
University of Miami, 1987

Bachelor of Science Architectural  
Engineering University of Miami, 1987

## CERTIFICATIONS

State of Florida, Civil Engineering  
P.E. #45408

## AFFILIATIONS AND AWARDS

2007 League "Defender of Home Rule Award"  
Palm Beach County League of Cities, Inc.

2005 Technical Achievement Award, Palm  
Beach Chapter of the Florida Engineering  
Society

2002 "Giraffe Award" Palm Beach County  
Women's Chamber of Commerce

2010 "Top Women Business Leaders" in  
South Florida, South Florida Business Leader  
Magazine

2010 South Florida Business Leader "Women  
Extraordinaire" Award

2017 William Moss Award for Leadership,  
Palm Beach County League of Cities



# KEITH B. JACKSON, P.E.

Vice President, Quality Control Manager



## Project Experience:

**PALM BEACH COUNTY HOMELESS RESOURCE CENTER** – Mr. Jackson served as the Client Services Manager and Quality Control manager. EGI teamed as a sub-consultant with OLC Architects for site surveying and civil engineering construction documents for a new Homeless Resource Center in Palm Beach County. Coordination of site plan concepts and preliminary design are ongoing with full design and permitting to be completed by December of 2020.

**PALM BEACH COUNTY FEDERALLY FUNDED HOUSING PROJECTS** – Mr. Jackson provided civil engineering services in connection with the replacement of 4 single family home sites. This included the preparation of a Final Lot Grading Plan to be consistent with the new building configuration. The plan was included as part of the Architectural Site Plan.

**MEADOWS PUBLIC PARK** – As the Client Services Manager and Quality Control manager, Mr. Jackson was responsible for overseeing the preparation of paving, grading and drainage construction plans for Meadows Public Park in Boynton Beach. The project included swale grading and sidewalk revisions on Meadows Blvd. from the park entrance to Congress Avenue on both sides.

**MARTIN COUNTY FIRE RESCUE PUBLIC SAFETY TRAINING COMPLEX** As Client Services Manager and Quality Control Manager, Mr. Jackson was responsible for the initial coordinating architect, Martin County on site plan and access road culvert crossing. Design plans are being prepared and include coordination with the architect, geotechnical engineer, MEP engineer and Martin County facilities personnel.

**HOMESTEAD ARMORY** - Mr. Jackson served as Client Services Manager and is coordinating with Engenuity's Project Engineer and an architect to facilitate new security fencing on the perimeter of the Armory. Engenuity Group is also coordinating with an electrical engineer in designing a new card reader system at the gate.

**PBCWUD REGIONAL FORCE MAIN EVALUATION** - Mr. Jackson serves as the Client Services Manager and is coordinating with the Project Engineer to facilitate agency permitting by EGI (sub-consultant) and include Palm Beach County Right-of-Way and utility permits.

**SOUTH FLORIDA FAIRGROUNDS CONKLIN LOT CAMPGROUND** - Mr. Jackson was the Project Manager working with the fair on this site where vendors park campers during Fairgrounds Events. The first step was to create a schematic site plan for the layout of all the camper spaces on the existing unpaved site which showed dimensions for each non-permanent site as well as driving aisles. Research was completed to check the viability of connecting water and sewer lines to the site from Belvedere Road and to create a private lift station that would be connected to a forcemain. For the second phase of this project it was decided to move forward with the water and sewer connections based on the site plan. Engenuity Group designed and provided constructions documents for the utilities connections, prepared an engineer's opinion of probable cost, obtained permits from various Palm Beach County Departments, assisted with bid coordination for qualified contractors, and provided construction phase services through final completion certification.

Mr. Jackson is Engenuity Group's Client Service Manager for many of the firm's continuing service clients. He is responsible for overseeing coordination, design and permitting for all civil engineering and transportation projects. Duties also include coordinating with governmental agencies, managing outside professionals, and providing contract and construction administration.

## YEARS OF EXPERIENCE

Total: 42

With Engenuity Group: 32

% of Time on Project: 75%

## EDUCATION

Bachelor of Science, Civil Engineering  
University of Florida, 1981

## CERTIFICATIONS

State of Florida, Civil Engineering,  
P.E. #37289

## AFFILIATIONS AND AWARDS

Member, Florida Engineering Society (FES)  
State Director, FES Palm Beach Chapter (1998 – 2001)  
Past President (1987-1988) FES Palm Beach Chapter  
2007 League Engineer Award, American Society of Civil Engineers (2005)  
Engineer of the Year Award FES (2001-2002)  
Young Engineer of the Year, FES (1990-1991)  
Florida Engineering Society committees: Scholarship, Awards, MATHCOUNTS, Chapter Activities, P.E. and E.I., Refresher Program, Membership Committees, Annual Meeting Steering Committee  
Member, American Public Works Association  
Member, National Society of Professional Engineers  
Member, Forum Club of the Palm Beaches  
Member, Economic Forum of Palm Beach County



# TARA BAMBER, P.E.

## Project Manager & Plan Reviews

### Project Experience:

#### TOWN OF OCEAN RIDGE, OCEAN RIDGE, FL

Engenuity Group has been serving Ocean Ridge as the Town Engineer since 2000 and has completed a multitude of civil engineering tasks during its tenure. Ms. Bamber contributes as Project Manager on the Town's various improvement, evaluation and maintenance projects. Those include drainage improvements for a section of Ocean Ridge that elevated and repaved streets, town-wide roadway evaluation plan, NPDES reporting to support the Town's FEMA Community Rating System (CRS) requirements, and underground drainage improvements for flood control/prevention, site plan reviews, and flood and stormwater studies.

#### RIVIERA BEACH FIRE STATION #88

Project Manager through the schematic design, design development, construction document preparation, permitting, bid coordination and construction administration & certification phases. The old site will have a new facility (Fire Station #2) and will share parking and access with Barracuda Bay Waterpark, and will include a temporary facility on site.

#### VILLAGE OF PALM SPRINGS

Ms. Bamber is Project Manager for the Village's various consulting engineering services since Engenuity Group has been awarded a consulting engineering contract in 2016. These services envelop plan reviews of all new projects throughout the Village, preliminary design, final design and drawings, permitting, bid preparation and process, construction observation and administration. EGI's services extend to manage surveys, plat reviews, mapping and GIS services.

### PLAN REVIEWS & CONSTRUCTION INSPECTIONS AND PERMIT CLOSEOUTS:

- Burger King—Force main & lift station & grease trap
- Adult Living Facility planning
- Foundcare
- The Oaks Adult Living Facility
- Village Palm Townhomes
- Soma Medical Center
- Church of God
- Race Track @ 10th Ave and Florida Mango Road
- Bethel Church @ 4320 Congress Avenue
- 3857 7th Avenue Duplex
- Forest Hill Medical Building
- Assisted Living Facility
- Professional Dental II
- 1195 S Congress Avenue
- 2949 2nd Avenue N
- Waterview Estates
- 3922 Park Lane Townhomes
- Tire Kingdom
- Palm Springs Residences
- Aviana Green Service Area
- Bethel Church of God, 4610 Luzon Ave.
- LW Swap Shop Parking Lot
- Penuel Church, 3401 2nd Ave. N.
- 3695 Davis Road Drainage Plan
- Regal Palms Drainage pipe/sinkhole
- 2724 Elizabeth St parking lot
- 3766 & 3901 Gulfstream Rd. Duplex
- La Ranchera Renovations
- Preston Square
- 4055 Dale Road Duplex
- Adult Day Care Lift Station Location
- 3678 S Congress Ave. lift station
- Village of PS Apartments construction
- Forest Hill Blvd McDonalds
- Cumberland Farms on Military & Park
- Marathon/Checkers drive-through
- TD Bank, 2735 10th Ave. N.
- Mathews Storage
- ADA Dilalysis
- Canal Shores
- Tacos al Carbon
- Chase Bank
- Lakewood Road Sidewalks
- Compass Site storage
- Towercom, 839 Congress Ave.
- 4424 Barbridge Rd multifamily

Tara Bamber has experience in land development and water resources projects involving civil and environmental engineering. She has designed, permitted and performed construction administration for residential developments, roadway improvement and commercial site projects. She has also been involved in large scale Stormwater analysis projects. Recently, she has gained experience in program management as well.

### YEARS OF EXPERIENCE

**Total: 18**

**With Engenuity Group: 7**

**% of Time on Project: 75%**

### EDUCATION

Bachelor of Science  
Civil Engineering  
University of Florida, 2005

### CERTIFICATIONS

State of Florida  
Civil Engineering  
No. 69957

### AFFILIATIONS AND AWARDS

Florida Stormwater Association  
Florida Engineering Society  
National Society of Professional Engineers  
American Society of Civil Engineers  
Advisory Committee, Executive Chair (2010-2016), Board Member (2010-present)

# RICHARD BROWN, E.I.

## Project Manager



### Project Experience:

**VILLAGE OF PALM SPRINGS LIFT STATION REHABILITATIONS** - For the 2017 fiscal year the Village approved this project to rehabilitate four of its 65 lift stations (Fountain View, Woodlands, Pretty and Mediterranean). Mr. Brown is the Project Engineer, providing site plan assistance, preparing application submittals, assisting with bidding phase, construction observation and contract administration. For the 2018 fiscal year the Village rehabilitated another four lift stations (Haverhill Court, FL Mango, Waterside and Woodhaven) for which Mr. Brown provided assistance to the Project Manager for the same services.

**CYPRESS LANE WATER MAIN REPLACEMENT, PALM SPRINGS, FL** - Project Engineer providing civil design, namely permitting, bidding and construction phase services. Responsibilities include gathering technical information and data for permit submittals, preparing bid documents and overseeing the bidding process. Preparing record drawings and engineer's opinion of probable cost, attending preconstruction meetings and preparing final drawings, conducting site visits and submitting all pay requests to the Village.

**FIRE STATION #2, RIVIERA BEACH, FL** - The old Fire Station No. 88 site is being repurposed into a new facility to be known as Fire Station No. 2. This site will consider shared access and parking with the City's Barracuda Bay Water Park. As Project Engineer, Mr. Brown is responsible for much of this project's development through the schematic design, design development, construction documents preparation, permitting and bidding phase, and construction administration & certification phases.

**PALM TRAIL ROADWAY DESIGN, DELRAY BEACH, FL** - This projects requires preparation of paving, grading and drainage construction plans for this roadway, spanning from south of Bond Way to the south entrance of the Estuary Development, for the length of +/- 500 feet, including the intersection at Bond Way. The roadway rehabilitation will be accomplished by milling and overlay and a positive drainage system via a new swale on the east side of the roadway and runoff to the existing drainage system at the Bond Way intersection. EGI's Survey Department prepared the topographic survey which Mr. Brown utilized to provide the civil design, prepare calculations and plans, an opinion of probable cost, and attend coordination meetings.

**HYPOLUXO SCRUB NATURAL AREA PARKING IMPROVEMENTS, HYPOLUXO, FL** - Engenuity Group was awarded an RFQ by the Town of Hypoluxo to provide civil engineering services for the above project. Mr. Brown served as Project Engineer, assisting with plan preparations of construction demolition, paving, grading, drainage, irrigation water, erosion/pollution prevention and the preparation of cost estimates. The work included landscaping design that was coordinated with our sub-contractor.

**VILLAGE OF PALM SPRINGS FITNESS PAVILION, PALM SPRINGS, FL** - Mr. Brown served as Project Engineer for the Village, replacing an existing playground with an ADA compliant, brand new fitness pavilion. Responsibilities included complete civil design, from preliminary drawings to construction certification. Mr. Brown contributed during the design, bidding and construction phases of this new athletic complex that was completed using funds from a recently obtained Community Development Block Grant.

**HISTORIC HEART AND SOUL PARK, WEST PALM BEACH, FL** - This new development is taking place a few blocks from downtown West Palm Beach on an acre of land that is a vacant lot. It will become an active park with hardscape elements, landscaping, irrigation, potable water and illumination. Responsibilities include site plan assistance, permit application submittals, construction administration and construction certification.

Mr. Brown graduated from the University of Miami with a Bachelor of Science in Civil Engineering and Architectural Engineering in 2008 and has been working in the industry since 1999. Over his tenure Mr. Brown has been responsible for the design and plan preparation of various aviation, facilities, roadway, drainage, water, sewer, and other infrastructure projects throughout South Florida.

### YEARS OF EXPERIENCE

Total: 24

With Engenuity Group: 5

% of Time on Project: 75%

### EDUCATION

Bachelor of Science  
Civil Engineering  
University of Miami, 2008

Bachelor of Science  
Architectural Engineering  
University of Miami, 2008

### CERTIFICATIONS

State of Florida  
Engineering Intern #1100009209  
PSMJ Project Management  
Boot Camp Certificate of Completion



# KIMBERLI KILE, E.I.

## Project Engineer



### Project Experience:

**POINT MANALAPAN DRAINAGE IMPROVEMENTS, MANALAPAN, FL** - Engenuity Group has been working with the town for several years, assisting in various projects as the Town Engineer. The drainage improvement project is now in Phase II, addressing areas of Spoonbill and Lands End Road in the following scope of engineering services: plan view of specific areas for improvements; revise "typical swale regrading section" to address long term storage needs; provide construction administration. Ms. Kile is project engineer assisting throughout this phase, working closely with the project manager to ensure preparation of plans, field observations & reports, clarifications and interpretations, final walk through and pay applications get properly executed.

**CALUSA ELEMENTARY SCHOOL RENOVATIONS, BOCA RATON, FL** - Engenuity Group's team of civil engineers help facilitate by rendering the following services: preliminary design, design and construction drawings, and permitting and construction administration. Ms. Kile is a project engineer assisting the project manager in evaluating ADA accessibility, investigating paving and striping requirements, preparing plans for civil site construction, preparing opinion of probable cost, providing technical criteria for permit applications, construction observation, reviewing drawings and samples and see construction through to provide Final Notice of Acceptability.

**PALM TRAN FACILITY PARKING LOT RESTORATIONS** - Ms. Kile was the Project Manager on this federally funded project for Palm Beach County Palm Tran Division and Williamson Dacar & Associates Architects. The parking lot for the existing Palm Tran Bus Storage & Maintenance Facility located on Electronics Way in West Palm Beach has degraded over time and is need of repairs, upgrades, and drainage improvements. Ms. Kile provided civil engineering services on this project including attending coordination meetings and site visits with stakeholders, establishing an opinion of probable cost, performed due diligence and utilities investigations, providing drainage calculations, preparing paving, grading, pollution prevention, and drainage plans, creating a project manual, and made 10 visits to the site including during construction to the bus and employee parking areas.

**BANYAN CAY CDD, WEST PALM BEACH, FL** - Engenuity Group has just become the District Engineer at Banyan Cay Development, which envelopes the following tasks to be completed: obtain records to prepare cost opinions for infrastructure components; assist with permit applications; assist in the development of a special assessment methodology; prepare an Engineer's Report; provide civil engineering services as needed. Ms. Kile is a project engineer, extending professional services to the District.

**VILLAGE OF PALM SPRINGS 2017 LIFT STATIONS REHAB, PALM SPRINGS, FL** - Prepared calculations in AutoCAD for site plan design and drawings. Finalized report of pump stations and their conditions.

**TOWN OF OCEAN RIDGE WASTEWATER COLLECTION FEASIBILITY STUDY** - Prepared a comprehensive and comparative study to evaluate the conversion from individual septic systems to a sewer system in The Town of Ocean Ridge as well as researching the existing water distribution system on this barrier island. Both the proposed traditional gravity and force main system and the vacuum collection system would require the City of Boynton Beach's utilities to install two large subaqueous pipes across the Intracoastal Waterway. Costs and funding had to be considered along with the responsibility of maintaining and repairing the pipes by the City of Boynton Beach.

Ms. Kile is a graduate of FAU, now holding two degrees and continuing her civil engineering career with Engenuity Group. She is fully engaged in our current engineering projects' development and has a wide range of experience ranging from roadway and drainage to lift stations and sewer conveyance design, including production of construction drawings, acquisition of permits, administration of bids, and construction administration and certification.

### YEARS OF EXPERIENCE

Total: 4

With Engenuity Group: 4

% of Time on Project: 75%

### EDUCATION

Bachelor of Science  
Environmental Engineering Florida  
Atlantic University 2019

Bachelor of Arts Mathematic  
Florida Atlantic University 2017

### CERTIFICATIONS

Qualified Stormwater Management  
Inspector

### AFFILIATIONS AND AWARDS

National Society of Collegiate Scholars  
2011-Present

Tau Beta Pi, 2018-Present

American Society of Civil Engineers,  
(ASCE) 2018-Present

American Water Works Association  
(AWWA) 2018-Present

# GABRIELLE JESSURUN, E.I.

## AutoCAD Drafter



### Project Experience:

**PARK AVENUE ROAD DIET, LAKE PARK** - Ms. Jessurun was a Project Engineer on this project to do a lane reduction on Park Avenue from 7th Street to US 1. The goal of the project is to make Park Avenue more accessible and pedestrian friendly by removing traffic lanes and including a multi-use path and incorporating more landscaping to beautify the area. Gabrielle assisted with the preparation of Paving, Grading, and Drainage Design and Construction Documents, Drainage Calculations, obtained permits from SFWMD, and attended Team Meetings and Presentations to Stakeholders. While performing the road diet work, the Town decided to also put a new Watermain in along the entire route. Construction on both will be done simultaneously to decrease inconveniences to users. We provided full civil services including design development, construction documents, permitting through the Town and County Health Department, and bidding services for construction.

**LAKE PARK DRAINAGE/STORMWATER PROJECTS** - Ms. Jessurun was a Project Engineer and AutoCAD Drafter assisting with multiple projects in the Town to enhance the drainage and stormwater infrastructure in each area. Engenuity Group met onsite with Lake Park staff to take measurements and observe the pipe failures, made recommendations on the repair approach, after reviewing video of the failures, and prepared a drawing specifying replacement/repair of the damaged pipes as well as any associated roadway repairs. We also assisted during the bidding and construction phases of the project. Project locations include:

- 1600 Flagler Drive
- 904 Jasmine Drive
- 704 West Ilex Drive to 704 West Jasmine
- 704 to 722 West Ilex Drive
- 846 to 860 Jasmine Drive

**OCEAN RIDGE WATERMAIN ENHANCEMENTS** - Ms. Jessurun was a Project Engineer and AutoCAD Drafter on this Watermain Enhancement Project for the Town of Ocean Ridge. This project used federal American Rescue Plan Act (ARPA) monies to fund the design and modeling of a new Potable Water Distribution System to create an exhibit of the existing system to analyze water flow needs and use that data to prepare a distribution plan to rehabilitate the lines located along the east side of Alternate AIA from Inlet Cay Drive north to Island Drive and along Sabal Island Drive. In addition to the modeling and design Engenuity Group assisted in submitting permits to PBC Health Department, City of Boynton Beach Utilities, Boynton Beach Fire Rescue, and FDOT, obtaining bids for the construction and also coordinating with a Geotechnical Engineer that provided testing services.

**COTTAGE HOMES, WEST PALM BEACH, FL** - Engenuity Group has been assisting Cottage Homes with Schematic Design, Design Development, Construction Documents and Permitting. Ms. Jessurun has been instrumental in these tasks.

**PBC HOMELESS RESOURCE CENTER, WEST PALM BEACH, FL** - Assisted with the permitting process for SFWMD (South Florida Water Management District), Lake Worth Drainage District, Palm Beach County Engineering Dept., Palm Beach County Water Utilities Department, Palm Beach County Health Department, Palm Beach Fire Rescue and the NPDES application (NOI).

**LAKE CLARK SHORES COMMUNITY PARK** - Developed an exhibit proposing new courts during the preliminary phase of the project.

Ms. Jessurun is a graduate of University of Florida, continuing her civil engineering career with Engenuity Group. She is fully engaged in our current engineering projects' development. She has a passion for Land Development in regards to learning the fundamental components of industrial and commercial site design, along with building relationships with those in the permitting field and consulting with architects, planners and other key decision makers.

### YEARS OF EXPERIENCE

Total: 4

With Engenuity Group: 3

% of Time on Project: 75%

### EDUCATION

Bachelor of Science, Environmental Engineering, University of Florida, 2019

### CERTIFICATIONS

Engineer Intern, License #1100023677

### AFFILIATIONS AND AWARDS

1st Place at the 2018 FWEA Student Design Competition

College of Engineering Dean's List  
AutoCAD 2019 Essential Training

# KENDER LOUISIUS

## Project Engineer

### Project Experience:

**NORTHERN DRIVE TRAFFIC CALMING, LAKE PARK, FL** - As the Town Engineer, Engenuity Group is performing services to Lake Park on various projects. Mr. Louisius was a Project Engineer and AutoCAD Drafter on this project which consisted of creating a speed table concept for this roadway, which involves onsite observations, preparation of engineering plans, specifications and schedule of values.

**OLD DIXIE HIGHWAY SEPTIC TO SEWER STUDY** - Mr. Louisius was a Project Engineer that helped out on a recently completed a Septic to Sewer Study for the Town of Lake Park on the Old Dixie Highway corridor starting at Silver Beach Road and extending north 8,150 linear feet. The first phase of the project consisted of fact finding and the preparation of a Topographic & Tree/Route survey that was divided in 3 sections and captured data on the west side of the Highway including the Lake Park Public Works Facility. He assisted with developing the exhibits and plans as well as preparing presentations to stakeholders.

**TEQUESTA CONSTITUTION PARK & COMMUNITY CENTER** - Mr. Louisius was the Project Engineer providing assistance on the civil engineering design for this renovation to the existing park and the addition of a 13,500 sqft community center on the property. Pavilions, playgrounds, walkways, parking lots, and a skate park were renovated at the park and the new community center features a lobby and waiting area, fitness and activity room, game room, restrooms, and other various multi-purpose and administrative areas. Kender provided AutoCAD drafting for design submittals, put together calculations for drainage, soil storage, and water quality, and applied for necessary permits through the PBC Health Care District, and FDEP for NPDES.

**CHUCK SHAW TECHNICAL EDUCATION CENTER** - The Palm Beach County School Board recently renovated their Adult Education Building on Westgate Ave. Kender was the Project Engineer on the project implementing his knowledge on preparing drawings which indicate the scope of the drainage, grading, paving, wastewater and water work drawings which includes design of parking areas, sidewalks, and bus loops.

**DRIVER'S LICENSE OFFICE, PALM BEACH GARDENS, FL** - Mr. Louisius served as Project Engineer in the design and construction phase, permitting and construction administration, preparing construction documents, drawings and permits. Specific tasks included establishing the scope and character of the drainage, grading, paving, wastewater and water work to be performed by the contractor; sizing the water service; designing parking areas, sidewalks, wastewater piping and access roads; preparing probable construction cost & pollution prevention plan; providing the requisite technical data for filing applications and permits.

**EARMAN RIVER INTAKE PUMP, NORTH PALM BEACH, FL** - The Village of North Palm Beach is renovating and improving this pump station, which requires demolition and new construction. The new construction is for a dual 40HP pump station. The design of site improvements, the construction phase and the preparation of construction documents and permit applications is overseen by Project Engineer Mr. Louisius.

**4280 LAKEWOOD ROAD APARTMENTS, PALM SPRINGS** - The Village of Palm Springs is adding new multifamily apartment buildings with 96 living units and on-site parking near Lake Worth Road and Military Trail. Mr. Louisius performed professional due diligence civil engineering services in the development of the 4.93 acre lot. He produced drainage, grading, paving, and wastewater plans as well as submitting associated permits for the project to agencies such as the South Florida Water Management District, the Lake Worth Drainage District, and the Palm Beach County Health Department.

Mr. Louisius joined the Engenuity Group team as an intern in the surveying department and has become a full time employee upon his graduation from Florida Atlantic University. He graduated with a major in Civil Engineering and a minor in Geomatics. He is an expert in AutoCAD drafting, GIS Mapping, and other design programs.

### YEARS OF EXPERIENCE

Total: 8

With Engenuity Group: 8

% of Time on Project: 75%

### EDUCATION

Bachelor of Science  
Civil Engineering & Geomatics  
Florida Atlantic University  
2017

### AFFILIATIONS AND AWARDS

ASCE Palm Beach Chapter, since 2015  
ITE (Institute of Transportation Engineering)  
Since 2016



# C. ANDRE RAYMAN, P.S.M.

**President, Survey Quality Control Project Manager**

## Project Experience:

### TOWN OF LAKE PARK

- Sketch & Legal Descriptions for 4 Locations on Jasmine Drive/2nd Court, Sabal Palm Dr./Redwood Dr., Foresteria Dr./10th St., & 7th Court/Date Palm Dr.
- Lake Park Marina Survey Exhibit
- Topographic Survey of Intersection of 10th Street, Prosperity Farms Rd, & Northern Drive
- Topographic Survey for Old Dixie Hwy Properties Septic to Sewer Conversion
- West Ilex Park Plat & Topographic Survey
- Park Avenue Road Diet & Watermain Topographic Survey
- West Park Ave. Streetscape Topographic Survey
- Tract A & B Legal Descriptions Review

### CITY OF RIVIERA BEACH

- Right-of-way maps and parcel maps for Riviera Beach, 13th Street, 11th Street and Avenue C. (Port of Palm Beach)
- Boundary survey of City Hall
- Sketch and descriptions for access easements for Utility Plant
- Topographic Survey of West 36th Street
- Boundary Survey at 1101 W. 13th Street
- Topographic Survey of 13th Street (Dixie Highway to Avenue P)
- Topographic Survey of Blue Heron Blvd/Avenue P intersection
- Topographic Survey of proposed Public Works complex
- Riviera Beach Storm water data collection for GIS
- Topographic Survey of Avenue T and RC-5 Canal
- Topographic Survey of Avenue S and 23rd Street
- Topographic Survey of utility plant for design
- Inner City Golf Youth Museum Boundary, Topographic & Tree Survey
- Topographic Survey of Ave S and 23rd St.
- Topographic Survey of W 37th St. from Ave F to Broadway
- Topographic Survey of W 37th St. from Ave H to F and Ave F from W 37th St. to W 34th St.
- Topographic Survey of W 35th St. from Ave J to H and Park Manor
- Topographic Survey of E. Industrial Way & Center Industrial Way
- Topographic Survey of W 36th & 37th St. from Ave J to H
- Boundary Survey of Timber Pine Park
- Ave J ROW abandonment replat & legals
- Boundary, Topographic and Tree Survey of 2129 North Congress
- Boundary, Topographic & Tree Survey for 1000 East Blue Heron Blvd.
- Topographic & Bathymetric Survey for Intracoastal Waterway Watermain Crossing Project (5,500 LF)

### CITY OF WEST PALM BEACH

- Topographic Survey for Palm Beach Lakes Boulevard
- Topographic Survey for Cumberland Drive
- Topographic Survey Olive Avenue from Quadrille St to 6th St
- Boundary, Topographic and Hydrographic Survey of Flagler Drive
- Boundary and Topographic Survey for design at 5 Well Sites
- Bathymetric Survey for Environmental Analyses for Waterfront Facilities
- Specific Purpose Survey of Spruce Avenue from 25th Street to 40th Street
- Specific Purpose Survey of Old City Hall
- Boundary Survey of WPB Historic Chemical Building

Mr. Rayman is a Registered Land Surveyor in the State of Florida and has over 35 years of experience in the surveying field. He is a fourth generation land surveyor and has been with Engenuity Group since 1988. He is an expert in topographic, boundary, and tree surveys as well as basemaps, right-of-way maps and sketch and descriptions. He has 3 decades of experience in data quality control/quality assurance, collection analyzation, and has used that knowledge and experience to provide our clients with a service tailored to their needs.

### YEARS OF EXPERIENCE

**Total: 35**

**With Engenuity Group: 35**

**% of Time on Project: 85%**

### EDUCATION

Bachelor of Science, Surveying and Mapping, University of Florida, 1988

### CERTIFICATIONS

State of FL Surveying & Mapping #4938

### AFFILIATIONS AND AWARDS

Florida Surveying and Mapping Society Palm Beach Chapter, VP (2006-2007), President (2007-2008)

Florida Association of Cadastral Mappers

American Congress on Surveying & Mapping

Forest Hill High School Engineering Academy Adviser (2007-2012)

FES Mentor Program at Florida Atlantic University (2011-2013)

Palm Beach County League of Cities, Associate Member (2004-present)

Florida Atlantic University Geomatics Engineering Advisory Committee, Executive Chair (2010-2016), Board Member (2010-present)

# JENNIFER C. MALIN, P.S.M.

## Survey Project Manager



### Project Experience:

#### TOWN OF LAKE PARK

- Sketch & Legal Descriptions for 4 Locations on Jasmine Drive/2nd Court, Sabal Palm Dr./Redwood Dr., Foresteria Dr./10th St., & 7th Court/Date Palm Dr.
- Lake Park Marina Survey Exhibit
- Topographic Survey of Intersection of 10th Street, Prosperity Farms Rd, & Northern Drive
- Topographic Survey for Old Dixie Hwy Properties Septic to Sewer Conversion
- West Ilex Park Plat & Topographic Survey
- Park Avenue Road Diet & Watermain Topographic Survey
- West Park Ave. Streetscape Topographic Survey
- Tract A & B Legal Descriptions Review

**BARRIER FREE PARK- CITY OF BOYNTON BEACH** - Managed the preparation of a topographic & tree survey for the development of the site adjacent to the existing pond, which will accommodate the new Hobby Boat and Pond Access Area. Improvements include a pedestrian access from the adjacent walkway and development of the pond and surrounding areas, as a landscape buffer. This buffer is to provide security and beautification to the existing pond.

**PLEASANT CITY PARK AND COMMUNITY CENTER** - Ms. Malin is the Project Manager for the production of a boundary and topographic survey for one of West Palm Beach's active community parks, located at 501 21st Street. The surveys will assist in the renovation and rehabilitation of the facilities designed by Erdman Anthony.

**BROWARD COUNTY EMERGENCY OPERATIONS CENTER** - Ms. Malin served as Project Manager for the preparation of a boundary and topographic survey to facilitate improvements at the Broward Co. EOC. The area surveyed included the bus transfer and maintenance areas, showing rights-of-ways in the roads. Ms. Malin coordinated with Blood Hound, Inc. to obtain underground utility locations which was presented to the civil engineer and landscape designer.

**ROYAL PALM BEACH BRANCH LIBRARY SANITARY SEWER REHABILITATION** - Ms. Malin is the Project Manager for the survey department working alongside Engenuity Group's engineering department, Robling Architecture & Construction, and Palm Beach County Library Department Staff to design and construct a replacement sanitary sewer line that has been compromised. She is the project manager involved with the preparation of a topographic survey of the area located outside of the Library's northern building on Civic Center Way where the existing line runs extending to the building and through the parking area. Data collected will include inverts at manholes and cleanouts and all other above ground improvements. She is overseeing production of record drawings after the removal and installation of the new sewer line.

**VILLAGE OF WELLINGTON** - Since the initial award of our continuing services contract in 1999, Engenuity Group has completed a variety and number of projects for the Village, including the following, which Ms. Malin assisted completing:

- Topographic Survey for Big Blue with Sketch and Descriptions of encroachments
- Topographic Survey for Rustic Ranches
- Topographic Survey for 50th Street South
- Underground Utility Locating and Topographic Survey for Watermain Replacement Project
- Topographic Survey Southshore Boulevard Phase III
- Topographic Survey of Big Blue Trace and Paddock Drive

Mrs. Malin is a Registered Land Surveyor in the State of Florida with over 20 years of experience in the field. She has been working at Engenuity Group, Inc. since 2003 and has a superior understanding of surveying and mapping concerns in South Florida. She is a seasoned AutoCAD Drafter who always produces the highest quality deliverables in a timely manner. Ms. Malin is the Director of our survey department, overseeing every aspect of daily operations.

#### YEARS OF EXPERIENCE

Total: 20

With Engenuity Group: 17

% of Time on Project: 75%

#### EDUCATION

Bachelor of Science  
Surveying and Mapping  
University of Florida, 2003

#### CERTIFICATIONS

State of Florida  
Surveying and Mapping #6667  
Qualified Stormwater Management  
Inspector

#### AFFILIATIONS AND AWARDS

Florida Surveying and Mapping Society  
Member since 2005 (No. 8481)

# JOHN RICE, P.S.M.

## Plat and Survey Review Manager



### Project Experience:

#### TOWN OF LAKE PARK PLAT REVIEWS

- Spacebox Minor Replat
- Silver Beach Industrial Park Plat
- Northlake Promenade Shoppes Replat No. 2 & Survey Review
- Bayberry Townhomes Replat
- Dalfen Watertower Industrial

#### VILLAGE OF PALM SPRINGS

- Preston Square Plat Review
- Chase Bank Plat Review
- Boundary Survey of Haverhill Court Lift Station
- Boundary Survey of Florida Mango Lift Station
- Boundary Survey of Woodhaven Lift Station
- Boundary Survey of Waterside Lift Station
- Tonset Property Plat Review
- Preston Square Plat Review
- Circuit Trix CPD Plat Review
- Prairie Lane Lot A Easements
- Stuart & Shelby Development Easements
- Wawa & 10th Ave. & Military Trail Utility Easement Sketch & Description

#### VILLAGE OF WELLINGTON

- Home Away From Home Plat Review
- Double A Farms Plat Review
- Palm Beach Polo Club Dog Park Plat Review
- Fairfield Inn & Suites at Wellington Green Plat Review
- Veronica Court Townhomes Plat Review
- Leanne Acres Plat Review
- Wally World Villas Plat Review
- Blue Cypress Replat No. 2 at Palm Beach Polo Club
- Wellington Green CLF Plat Review
- 5599 140th Ave. S. Boundary Survey
- 13305 Indian Mound Rd. Boundary Survey
- 6047 140th Ave. S. Boundary Survey
- 2587 Skipiks Way Boundary Survey

#### CITY OF PALM BEACH GARDENS

- Frenchman's Reserve Golf Course Plat Review
- Alton Neighborhood 4 (Parcel F) Phase II Plat & Survey Review
- Alton Town Center Meter & Bounds Survey Review
- Northlake Roan Sunrise Plat Review
- Bonnette Hunt Club Plat & Survey Review

#### WESTLAKE PLAT REVIEWS

- Town Center Parkway North
- Packing House Plat & Survey Review
- Town Center Parkway South, Phase II
- Westlake Medical Center
- Westlake CS-E1 Right-of-Way
- Meadows of Westlake (Pod R) Phase I & II
- Del Webb at Westlake (Pod P)
- Water's Edge Drive
- Pod C-3
- Persimmon Blvd. East, Phase II

Mr. Rice is a Land Surveyor in the State of Florida with over 40 years of licensure. He is responsible for plat reviews, the production of Sketch and Descriptions, and managing many other surveying tasks including preparation of Boundary Surveys, Topographic Surveys, and As-built Surveys.

#### YEARS OF EXPERIENCE

**Total: 40**

**With Engenuity Group: 5**

**% of Time on Project: 70%**

#### EDUCATION

Associate of Arts in Graphic Design and Multimedia, Indian River Community College, 2009

#### CERTIFICATIONS

State of Florida  
Surveying and Mapping #LS4506



# JUSTICE SADZAUCHI, P.S.M.

## Project Surveyor



### Project Experience:

#### SW 10TH STREET, PROSPERITY FARMS RD. AND NORTHERN DR. INTERSECTION, LAKE PARK

- Prepared Route, Topographic and Tree Surveys

#### SUA JUNO ROAD FORCE MAIN

- Prepared Route, Topographic, Tree and Utilities Surveys for design

#### CITY OF WPB ALHAMBRA PLACE STORMWATER IMPROVEMENTS

- Prepared Route, Topographic, Tree and Utilities Surveys for design

#### PBC - WEST TECH EDUCATION CENTER

- Prepared Boundary, Topographic, Tree and Utilities Survey for facility modernization

#### PBC SUPERVISOR OF ELECTIONS

- Prepared Boundary, Topographic, Tree and Utilities Surveys for the new production facility

#### PBCWUD

- Prepared Topographic, Tree and Utilities Surveys in connection with CD01 Looping Project Phase 2
- Marketplace Plaza on Lake Worth Road
- Lakeside Green (Roebuck Road and N. Military Trail)
- Westlake Mobile Home Park

#### PBC HOMELESS RESOURCE CENTER

- Prepared Boundary, Topographic and Tree Surveys

#### VILLAGE OF WELLINGTON COMMUNITY TOWN CENTER

- Prepared Topographic and Tree Surveys on the site
- Prepared As Built Drawings for Scott's Place and the Wellington Amphitheater

#### PHIPPS OCEAN PARK, PALM BEACH

- Prepared Boundary and Topographic Surveys
- Hypoluxo Scrub Natural Area
- Construction Stakeout

#### SUNSET STRIP, SUNRISE

- Prepared Boundary, Tree and Topographic Surveys

#### ISLAND DRIVE BRIDGE, DELRAY BEACH

- Island Drive bridge rehabilitation Topographic Survey
- Prepared update of lift station

#### TOWN OF LAKE CLARKE SHORES

- Reviewed Plats
- Prepared Topographic and Boundary Survey of Town Hall

Mr. Justice Sadzauchi is a talented surveyor with experience preparing Boundary, As Built, Topographical, Stake Out and Monitoring Surveys.

### YEARS OF EXPERIENCE

Total: 4

With Engenuity Group: 2

% of Time on Project: 70%

### EDUCATION

Bachelor of Science, Honors Degree in Surveying and Geomatics, Midlands State University, 2019

### CERTIFICATIONS

State of Florida, Professional Surveyor & Mapper, License # LS7452

# MARIAH ANDERSON

## AutoCAD Drafter



### Project Experience:

#### TOWN OF LAKE PARK

- Sketch & Legal Descriptions for 4 Locations on Jasmine Drive/2nd Court, Sabal Palm Dr./Redwood Dr., Foresteria Dr./10th St., & 7th Court/Date Palm Dr.
- Lake Park Marina Survey Exhibit
- Topographic Survey of Intersection of 10th Street, Prosperity Farms Rd, & Northern Drive
- Topographic Survey for Old Dixie Hwy Properties Septic to Sewer Conversion
- West Ilex Park Plat & Topographic Survey
- Park Avenue Road Diet & Watermain Topographic Survey
- West Park Ave. Streetscape Topographic Survey
- Tract A & B Legal Descriptions Review

#### CITY OF WEST PALM BEACH

- Topographic Survey for 31st to 35th Street
- Topographic Survey for West Palm Beach Lift Station #71
- Topographic Survey for Datura Street and Evernia Street
- Topographic Survey for El Monte Neighborhood
- Topographic Survey for Lake Avenue (Belvedere Road to Park Place)
- Topographic Survey for Roosevelt Neighborhood
- Topographic Survey for Fern Street
- Topographic and Tree Survey for Quadrille Blvd from Okeechobee Blvd to 3rd St
- Topographic Survey of WPB ECRWRT proposed building and duct bank
- Topographic and Tree Survey of Rosemary Avenue from Clematis Street to 11th Street
- Boundary & Topographic Survey of 205 Datura Street
- Topographic Survey for Howard Park Community Center
- Topographic Survey of Flagler Drive intersections (Suma St, Forest Hill Blvd, Cortez Rd, Palmetto Ln, Bunker Ranch Rd, E Lakewood Rd, Worth Ct N)
- Boundary and Tree Surveys of N. Flagler Drive
- Boundary, Topographic and Tree Surveys of Ellen Lane
- Boundary Topographic and Tree Surveys at Currie Park
- Created a Tree Table in accordance with Palm Beach County for Currie Park

#### VILLAGE OF PALM SPRINGS

- Topographic Survey for Palm Springs Lift Station
- Topographic Survey for Royal Palm Park Fishing Pier
- Boundary Surveys for PS CRA Legal Descriptions

#### CITY OF BOYNTON BEACH

- Topographic Survey for North and South Road
- Boundary Survey of Tract One & Two for fence construction
- Topographic Survey for Gulfstream Blvd (SE 36th Avenue) Roadway Rehabilitation

Mariah is an expert in AutoCAD drawing with over eight years of experience providing services to a variety of municipal clients, which includes topographic, record and boundary surveying. In the past three years she has participated in over 100 projects, and has been a project surveyor for the last 3 years.

#### YEARS OF EXPERIENCE

Total: 8

With Engenuity Group: 5

% of Time on Project: 75%

#### EDUCATION

Associate of Applied Sciences, CAD/BIM Technology, South Puget Sound Community College, 2014

#### CERTIFICATIONS

Building Information Modeling

Technology using Revit, 2014

Architectural Drafting Technology using AutoCAD, 2014

Mechanical Drafting Technology using SolidWorks, 2014

Civil Drafting Technology using Carlson, 2013

# MAXWELL WHARTON

## Project Surveyor / SUE Coordinator



### Project Experience:

#### CITY OF OAKLAND PARK

- Topographic & Tree Survey & SUE Services for Mast Arm Traffic Signals Improvements Project Citywide at 19 Different Intersections

#### VILLAGE OF WELLINGTON

- Topographic & Tree Survey of Town Center Phase II
- SUE Services to Locate & Determine Depth of Fiber Optic Cables & GPR Scanning of Pool Deck to Assess Leaking at Village Aquatics Center
- Topographic Survey, SUE Services, & Construction Staking Services for Village Wastewater Treatment Plant
- SUE Location Services for Village Water Treatment Plant

#### School District of Palm Beach County

- Highland Elementary School Boundary & Topographic Survey
- Poinciana Elementary School Topographic & Tree Survey
- Independence Middle School Topographic & Tree Survey
- Park Vista High School Storage Shed Topographic & Tree Survey
- Western Pines Middle School Topographic Survey & SUE Services
- Clifford O. Taylor/Kirklane Elementary School Topographic, Tree Survey & SUE Services
- Wynnebrook Elementary School COPS, Topographic & Tree Survey, SUE Services, Boundary Survey for Offsite Lots, & Tree Table and Field Tagging
- West Boynton Middle School COPS, Boundary, Topographic & Tree Survey, Roadway/Easement Sketch & Descriptions
- Boynton Beach High School Topographic Survey
- Limestone Creek Elementary School Topographic & Tree Survey, SUE Services
- Del Prado Elementary School Topographic Survey & SUE Services
- Dreyfoos High School of the Arts Topographic & Tree Survey, SUE Services, and Construction Survey/Field Staking
- Hammock Ponte Elementary School Topographic & Tree Survey
- Loggers Run Middle School Topographic & Tree Survey & SUE Services
- Whispering Pines Elementary School Topographic Survey
- Timber Trace Elementary School Topographic
- Crystal Lakes Elementary School Topographic & Tree Survey
- Inlet Grove High School Topographic & Tree Survey & SUE Services
- Roosevelt Middle School Topographic & Tree Survey

Mr. Wharton is a Project Surveyor and Subsurface Utilities Engineering (SUE) Project Manager and Coordinator and has been with Engenuity Group, Inc. since 2019. Previously, Max was a field crew chief and managed up to 5 other field surveyors to achieve satisfactory completion of field surveys under budget. He measured and marked property lines, water mains, sanitary sewers, drainage, and streets on construction sites. After moving into the office he teaches newly-hired employees proper etiquette while operating precision instrumentation such as total stations and GNSS receivers, manages the SUE field crews and projects, and also works on Boundary, Topographic, Tree, Special Purpose, Bathymetric, and Construction Surveys as well as prepares Sketch and Descriptions. He is an expert with Ground Penetrating Radar, Electromagnetic Induction Locating, VeSys by Siemens, AutoCAD Civil 3D, ArcGIS, SQL coding, MatLAB, Python, and is certified in Database Administration Fundamentals.

### YEARS OF EXPERIENCE

Total: 4

With Engenuity Group: 4

% of Time on Project: 80%

### EDUCATION

Bachelor of Science, Geomatics Engineering, Florida Atlantic University, 2024

### CERTIFICATIONS

Federal Aviation Administration/DOT, Remote Drone/Unmanned Aerial Vehicles Certification #4827386



# JUAN OLAVE

## Field Crew Coordinator



### Project Experience:

#### TOWN OF LAKE PARK

- Sketch & Legal Descriptions for 4 Locations on Jasmine Drive/2nd Court, Sabal Palm Dr./Redwood Dr., Foresteria Dr./10th St., & 7th Court/Date Palm Dr.
- Lake Park Marina Survey Exhibit
- Topographic Survey of Intersection of 10th Street, Prosperity Farms Rd, & Northern Drive
- Topographic Survey for Old Dixie Hwy Properties Septic to Sewer Conversion
- West Ilex Park Plat & Topographic Survey
- Park Avenue Road Diet & Watermain Topographic Survey
- West Park Ave. Streetscape Topographic Survey
- Tract A & B Legal Descriptions Review

#### CITY OF OAKLAND PARK

- Topographic & Tree Survey & SUE Services for Mast Arm Traffic Signals Improvements Project Citywide at 19 Different Intersections

#### SCHOOL DISTRICT OF PALM BEACH COUNTY

- Dreyfoos High School of the Arts Topographic & Tree Survey for ADA exterior Accessible Routes
- North Tech Educational Center Boundary, Topographic & Tree Survey and SUE Services of Entire Riviera Beach Site. Also included Title Commitment Review.
- Wynnebrook Elementary School- Boundary, Topographic, Tree, & COPS Survey to Show Building Footprint. Also included SUE Services, additional surveying services for offsite lots (15 Total), and Tree Tagging for Field Identification.
- Sunset Palms Middle School- Boundary & COPS Survey Including Title Commitment, 2 Sketch & Descriptions for Easements and Lawn Maintenance Areas.

#### TOWN OF LAKE CLARKE SHORES

- Seminole Water Treatment Plant Forcemain and Watermain Locations & Tie-In Survey. Topographic/Route & Tree Survey, and SUE Services with Update Survey Performed to Include Additional Areas

#### TOWN OF PALM BEACH SHORES

- Topographic & Tree/Right-of-Way Survey of Bamboo, Cascade, & Edwards Lane for Paving Improvements

#### CITY OF RIVIERA BEACH

- Topographic/Route Survey for Intracoastal Waterway Watermain Crossing (5,500 LF). Created Sketch & Legal Descriptions for Easements for 10 parcels
- Boundary, Topographic, & Tree Survey for 1000 East Blue Heron Blvd.

#### TOWN OF PALM BEACH

- Topographic Survey along Everglades Avenue and Bradley Place for Drainage Improvements

Mr. Olave is a skilled project surveyor with 4 years of experience including 2 working with Engenuity Group as a field crew technician, crew chief, survey crew coordinator, and project surveyor. He has assisted in collecting topographic data on projects using GPS and Total Station Equipment, managed scheduling and deployment of field crews to ensure timely receipt of deliverables to clients including client communications and coordination, and drafted surveys and maps in AutoCAD based on information collected in the field. Other skills include Thermal Infrared Remote Sensing and Application, Laser Mapping Technology/Terrestrial Laser scanning, and GIS Mapping.

#### YEARS OF EXPERIENCE

**Total: 4**

**With Engenuity Group: 2**

**% of Time on Project: 75%**

#### EDUCATION

Bachelor of Science, Geomatics Engineering, Florida Atlantic University, 2022

#### CERTIFICATIONS

MATLAB

SOLIDWORKS

AutoCAD Civil 3D

Cloud Compare

Trimble Business Center

# CLARENCE COLE

**Crew Chief**



## Project Experience:

### TOWN OF LAKE PARK

- Sketch & Legal Descriptions for 4 Locations on Jasmine Drive/2nd Court, Sabal Palm Dr./Redwood Dr., Foresteria Dr./10th St., & 7th Court/Date Palm Dr.
- Lake Park Marina Survey Exhibit
- Topographic Survey of Intersection of 10th Street, Prosperity Farms Rd, & Northern Drive
- Topographic Survey for Old Dixie Hwy Properties Septic to Sewer Conversion
- West Ilex Park Plat & Topographic Survey
- Park Avenue Road Diet & Watermain Topographic Survey
- West Park Ave. Streetscape Topographic Survey
- Tract A & B Legal Descriptions Review

### CITY OF WEST PALM BEACH

- Topographic survey and Construction Stakeout for the Northwest Cultural Trail
- Martin County Fire Rescue Public Safety Training Complex – Topographic Survey
- Topographic Surveys of 7 intersections of S. Flagler Dr. (Suma, Forest Hill, Cortez, Palmetto, Bunker Ranch, E. Lakewood, Worth Court N.)
- 711 N. Flagler, 203 6th St & 707 N. Flagler – Boundary & Topography Surveys
- 1600 N. Australian Ave – Boundary & Topographic Survey
- Provided a Topographic and Tree survey of Clear Lake Trail
- Bristol Drive Emergency Repair – Topographic Survey
- 921 Fern Street – ALTA Survey, Boundary and Topographic Surveys

### TOWN OF PALM BEACH

- Utility Undergrounding- Phase 2- Construction Staking of North Lake Way from Ocean Terrace to Osceola Way
- Odyssey MS Building Additions and Renovations – Horizontal & Vertical control survey as well as stake and grade drainage structures
- Boundary, Topographic and Tree Surveys at Phipps Ocean Park

### CITY OF BOYNTON BEACH

- Family Church Sherbrooke – provided vertical and horizontal control for all paved areas, utilities and driveways.
- Partnered with the City of Boynton Beach to prepare for this new sanctuary building
- Construction Stakeout

### CITY OF SUNRISE

- Citywide Boat Ramp Replacement Program PH III – Topographic survey of (9) boat ramp sites

### VILLAGE OF NORTH PALM BEACH

- Lakeside Park – Topographic survey including canal and intracoastal waterway cross sections

Mr. Cole is a Crew Chief. He has over twenty four years of experience on surveying crews. His duties encompass boundary surveys, topographic surveys, construction stake out, as-built surveys, route surveys, and cross sections of roads, canals, and lakes.

Mr. Cole's responsibilities include: Training personnel on use of total station and data collector, electronic level, RTK-GPS, and general field survey practices. He is extremely knowledgeable on local survey control network, achieving survey accuracy and precision through redundant field measurements.

## YEARS OF EXPERIENCE

**Total: 24**

**With Engenuity Group: 4**

**% of Time on Project: 75%**

## EDUCATION

Associate of Applied Sciences, CAD/BIM Technology, South Puget Sound Community College, 2014

## CERTIFICATIONS

Building Information Modeling Technology using Revit, 2014

Architectural Drafting Technology using AutoCAD, 2014

Mechanical Drafting Technology using SolidWorks, 2014

Civil Drafting Technology using Carlson, 2013

# REGGIE BAILEY

**Crew Chief**



## Project Experience:

### TOWN OF LAKE PARK

- Sketch & Legal Descriptions for 4 Locations on Jasmine Drive/2nd Court, Sabal Palm Dr./Redwood Dr., Foresteria Dr./10th St., & 7th Court/Date Palm Dr.
- Lake Park Marina Survey Exhibit
- Topographic Survey of Intersection of 10th Street, Prosperity Farms Rd, & Northern Drive
- Topographic Survey for Old Dixie Hwy Properties Septic to Sewer Conversion
- West Ilex Park Plat & Topographic Survey
- Park Avenue Road Diet & Watermain Topographic Survey
- West Park Ave. Streetscape Topographic Survey
- Tract A & B Legal Descriptions Review

### CITY OF PALM BEACH GARDENS

- Topographic & Tree Survey on Shady Lakes Drive
- Topographic & Tree Survey on Campus Drive
- Topographic & Tree Survey for City Park & Tennis Center
- Topographic Survey of Veterans Plaza at City Hall
- Boundary Survey of Maintenance Building at Public Works Facility on Burns Road
- Topographic & Tree Survey at Intersection of Holly Drive and Gardenia Drive
- Topographic & Tree Survey at Intersection of Lilac Street & Park Ave.
- Topographic & Tree Survey at Intersection of Holly Drive from Dahlia Avenue to Dogwood Ave.
- Topographic & Tree Survey at Intersection of Riverside Drive & Pearl Street
- Topographic & Tree Survey at Intersection of Lighthouse Drive & Riverside Drive
- Topographic & Tree Survey at Intersection of Garden Blvd. & Riverside Drive
- Topographic & Tree Survey at Intersection of Holly Drive & Lighthouse Drive
- Topographic & Tree Survey of Gardens Drive East

### VILLAGE OF PALM SPRINGS

- Topographic Survey of Mediterranean, Fountain View, Woodlands, Pretty, Haverhill Court, Florida Mango, Waterside, and Woodhaven Lift Stations
- Topographic Survey Barbados Drive, Jamaica Drive, Morgan's Way, Tortuga Road, Davis Road, & Andros Road

### VILLAGE OF WELLINGTON

- Topographic Survey of Greenbriar Blvd
- Topographic & Tree Survey of the FP&L Easement along the C-9 Canal
- Topographic Survey of Village Park, Fields 22 and 23
- Topographic & Tree Survey of Greenbriar Blvd Right-of-Way between Aero Club Drive and Greenview Shores Blvd.
- Topographic & Tree Survey on Lake Worth Road along 120th Ave. S. & 40th St. S.
- Topographic & Tree Survey of Little Ranches Trail Bridge from Southern Blvd.

Mr. Bailey has over 15 years of experience as a crew chief with Engenuity Group, Inc. and 20 years in total experience Mr. Bailey has worked with many government clients during his tenure at Engenuity Group, including The Village of Wellington, Indian Trail Improvement District, Town of Ocean Ridge, Palm Beach International Airport, the School District of Palm Beach County, the Solid Waste Authority, and numerous private clients. His duties encompass boundary surveys, topographic & tree surveys, construction stake out, as-built surveys, subsurface utilities engineering, route surveys, and cross sections of roads, canals, and lakes.

## YEARS OF EXPERIENCE

**Total: 20**

**With Engenuity Group: 16**

**% of Time on Project: 75%**





**HAYS HENDERSON, PLA, ASLA**

Project Manager

**Bachelor of Landscape Architecture  
University of Florida**

**Years of Experience: 31**

Hays Henderson joined the JMorton team in 2015, providing landscape and hardscape design and project management. As a Florida registered Landscape Architect with over 30 years experience, he has worked on a wide range of projects from large residential communities and complex country club amenities to code review and plan analysis for public sector agency. Mr. Henderson combines his technical knowledge with his creative abilities to translate the Client's vision into an innovative design. He has a passion for transforming sites by combining detailed site analysis with the site program, proposed architecture, and Client consultation.

Mr. Henderson is an expert at site assessment including existing vegetation, topography and soil classification that inform how best to integrate proposed improvements with existing conditions. His ability to provide effective design solutions as projects progress and client needs evolve enables him to deliver successful outcomes regardless of the challenge. With his experience, lessons learned in the field, and creative abilities, he delivers well designed and detailed documents, limiting change orders so projects are delivered on time and on budget.

**PROJECT EXPERIENCE (Project Manager)**

**Town of Lake Park Public Works, Lake Park, FL**

Respond to requests by Public Works Director to prepare landscape/hardscape plans for projects such as Park Avenue Streetscape, Pocket Park and Dog Park • Participate in public outreach by assisting with presentation materials, PowerPoints, attending community meetings • Representation of projects before Town Council

**Town of Lake Park Community Development Svcs., Lake Park, FL**

Landscape plan review and landscape/hardscape plan review for compliance with Town's landscape code • Prepare comment letter identifying code deficiencies. Coordinate final letter with Town staff. Offer suggestions for compliance strategies and recommendations for sustainable practices • Represent the Town with developer and at public meetings

**Canyon District Park, Boynton Beach, FL**

Designed a mix of active and passive recreation areas including sports fields and a fitness trail • Canopy trees and low shrubs used around the active use fields to buffer park uses while providing for a visual connection with the park • Interior planting design incorporated canopy and understory trees at varied growth stages to replicate a natural succession habitat

**City of Delray Beach Development Srv., Delray Beach, FL**

• Landscape/Hardscape review of plans submitted for Technical Advisory Committee (TAC) • Preparation of letter identifying code compliance deficiencies and recommendations for compliance • Participation in weekly TAC meetings.



**RICK GONZALEZ, AIA**

President, Principal Architect

**Bachelor of Science in Architecture  
The Catholic University of America**

**Bachelor of Architecture  
Miami-Dade College**

**Years of Experience: 37**

Rick Gonzalez, AIA has over 37 years of experience in the architectural profession. Rick received two architectural degrees from the Catholic University of America in Washington, D.C., with additional course work completed at Miami-Dade College, and abroad in Guatemala and Costa Rica. Mr. Gonzalez is a member of the American Institute of Architects (AIA) and was appointed to the Florida Historical Commission (FHC) by Governor Charlie Crist in 2008 (Vice-Chair 2011-2015) and to The Florida Board of Architecture and Interior Design (BOAID) by Governor Bush for two terms 2000-2007 (Chairman 2005 & 2006). Mr. Gonzalez is an award-winning architect, whose design standards have been used as examples for Palm Beach County's Architectural Guidelines, Florida CNU Guidebook & ULI Land Development Handbook. Mr. Gonzalez was also appointed by President Trump to be an Expert Member of the Advisory Council on Historic Preservation (ACHP) in March 2020 and was given PB AIA Gold Medal in November 2020.

**PROJECT EXPERIENCE**

**Sunset Lounge, West Palm Beach, FL**

West Palm Beach CRA • 20,500 SF • \$16.4 M • 2014-2022  
The adaptive reuse of a historic jazz club was restored to its historical context which included the complete reconstruction of the 2nd floor's mezzanine area. A complementary 2-story addition was designed to fully support the revitalized bar and lounge with a large commercial kitchen, restrooms, an elevator, office and storage space, and much more.

**"500 Orange Ave Event Center", Fort Pierce, FL**

Stan Synkosko • 7,000 SF • \$1 M • 2018-2021  
This project entailed the adaptive reuse of a historic post office building into an event center. Exterior renovations to the stucco, signage and awnings were completed along with interior restorations to the floor finishes.

**Boynton Beach Arts and Cultural Center, Boynton Beach, FL**

City of Boynton Beach • 30,000 SF • \$10.5 M • 2012-2020  
Adaptive reuse of former high school building into an arts and cultural center consisting of offices, small library, community event space, dance and art studios, multi-purpose space, and business incubator hub. The facility was modified to become fully ADA accessible. Upgrades to electrical, HVAC, and fire protection systems was also completed.

**Historic Lake Worth Beach Casino, Lake Worth, FL**

City of Lake Worth Beach • 37,400 SF • \$6 M • 2010-2013  
Historical reconstruction of an existing oceanfront, two-story beach casino building. The first floor features restaurant and retail space, while the second floor is a large open multi-purpose room with beautiful views of the ocean and beach below.





**LARRY M. SMITH, P.E.**

Principal Electrical Engineer

**BS - Electrical Engineering  
Florida Atlantic University**

**Years of Experience: 35**

Larry has over 35 years of experience as an electrical engineer in the areas of electric utilities, water and wastewater utilities, solid waste, water control structures and pump stations, airport electrical systems, architectural projects, telecommunications, roadway, sports field, and specialty lighting. He demonstrates skills in engineering and design, project management, client relations, and staff administration.

**PROJECT EXPERIENCE**

**Town of Lake Park, Stormwater Pump Station and Street Lighting**

Electrical design for a stormwater pump station at the north end of Kelsey Park. This pump station consisted of three (3) submersible, electric motor operated pumps. The electrical design included the main electrical service and distribution, controls and instrumentation. Street lighting was also designed along Lake Shore Drive as a part of this project.

**Northern Palm Beach County Improvement District, PGA Central Pump Station:**

Electrical and mechanical design for the refurbishment of an existing stormwater pump station. This pump station consisted of three (3) diesel operated pumps that were replaced with new electric motor operated pumps. A backup diesel generator was designed to provide power for full pumping capacity. Reduced-voltage motor starters were designed to reduce the starting inrush current for the large electric motors. Mechanical design included the ventilation of the main electrical room, and plumbing. The electrical design included the main electrical service and distribution, control, lighting, and instrumentation. The telemetry system was designed in accordance with District standards. Prior to design we evaluated the electrical and mechanical systems, including alternatives for refurbishment, prepared cost estimates for the alternatives, and assisted in the preparation of a written report for the District.

**City of West Palm Beach Lift Station SCADA Upgrade**

Smith Engineering Consultants designed the replacement of the City's existing base station and RTU's that serve over 100 lift stations throughout the City of West Palm Beach. The existing SCADA system was comprised of several different types of RTU's along with proprietary base station software that was not able to accommodate RTU's with an open communications protocol. Therefore, SEC specified a new base station, including both system hardware and software, to allow different types of RTU's to be installed in the field that previously would not have been able to communicate with the base station. We also specified the new RTU's to replace those RTU's at the lift stations that were aging and in need of replacement. This new SCADA system provided the necessary flexibility that helped the City to save operating and maintenance costs by allowing for non-proprietary, lower cost RTU's to be installed throughout their service territory.



**SUSAN E. O'ROURKE, P.E.**

President/Traffic Engineer

**Bachelor of Science, Engineering  
Science, Vanderbilt University**

**Years of Experience: 38**

Ms. O'Rourke has been involved in transportation engineering since the beginning of her career 38 years ago. A native of Florida, Ms. O'Rourke returned to Florida in 2001 after 12 years in California. Her unique mix of public sector policy development and private sector implementation provides insight to navigate the regulatory process for complex projects.

Ms. O'Rourke has served as the project manager within public agencies: Lake Park, Palm Beach County, Town of Jupiter, Wellington, and City of Stuart. She is well versed in many facets of transportation planning to include large scale traffic studies, small project traffic studies, transit and rail planning/design, long range projections, corridor planning, freight logistics, hurricane preparedness and regional and local planning. In addition, Ms. O'Rourke provides design services and cost estimates to include maintenance of traffic, signal design, minor roadway design, parking lots and signing and striping. Ms. O'Rourke communicates well in written and spoken word.

**PROJECT EXPERIENCE**

**Park Avenue Road Diet Analysis and Design**

Ms. O'Rourke prepared the analysis of alternatives for the Park Avenue lane reduction project and later managed the design for the modification of Park Avenue to reduce the number of lanes from 4 lanes to 2 lanes while providing enhanced mobility and drainage opportunities. Estimated end date 12/2023.

**Speed Survey/ Neighborhood Traffic Calming**

Ms. O'Rourke provided the analysis of local streets within Lake Park to establish appropriate speed limits. Detailed analyses were summarized and presented to the Town Commission.

**Parking Design Criteria and Project Oversight**

Ms. O'Rourke was the principal and charge and the on-site manager for the Design Criteria Package for the Design Build Project for the CRA parking lot located at 8th Street and Foresteria. Once a firm was selected, Ms. O'Rourke provided the Project Management for the project as support to the Public Works.

**Third Party Review**

Ms. O'Rourke provides ongoing traffic analysis review and site plan design review to establish compliance with the County's TPS ordinance while also meeting the needs of the Town of Lake Park.

**Intersection of Prosperity Farms/10th Street/Northern**

Ms. O'Rourke prepared the alternatives analysis using SIDRA for the multi-leg intersection. Oval about and roundabouts were proposed. Conceptual layouts, right-of-way and visual concepts were prepared. She presented to staff and to the Commission.







## TAB 4

### Maintaining Effective Communication





## LOCATION OF THE RESPONDENT'S OFFICE

### Corporate Headquarters

**Engenuity Group, Inc.**  
1280 North Congress Ave  
Suite # 101  
West Palm Beach, FL 33409

### J. Morton Planning & Landscape Architecture

3910 RCA Blvd., Suite 1015  
Palm Beach Gardens, FL 33410

### REG Architects, Inc.

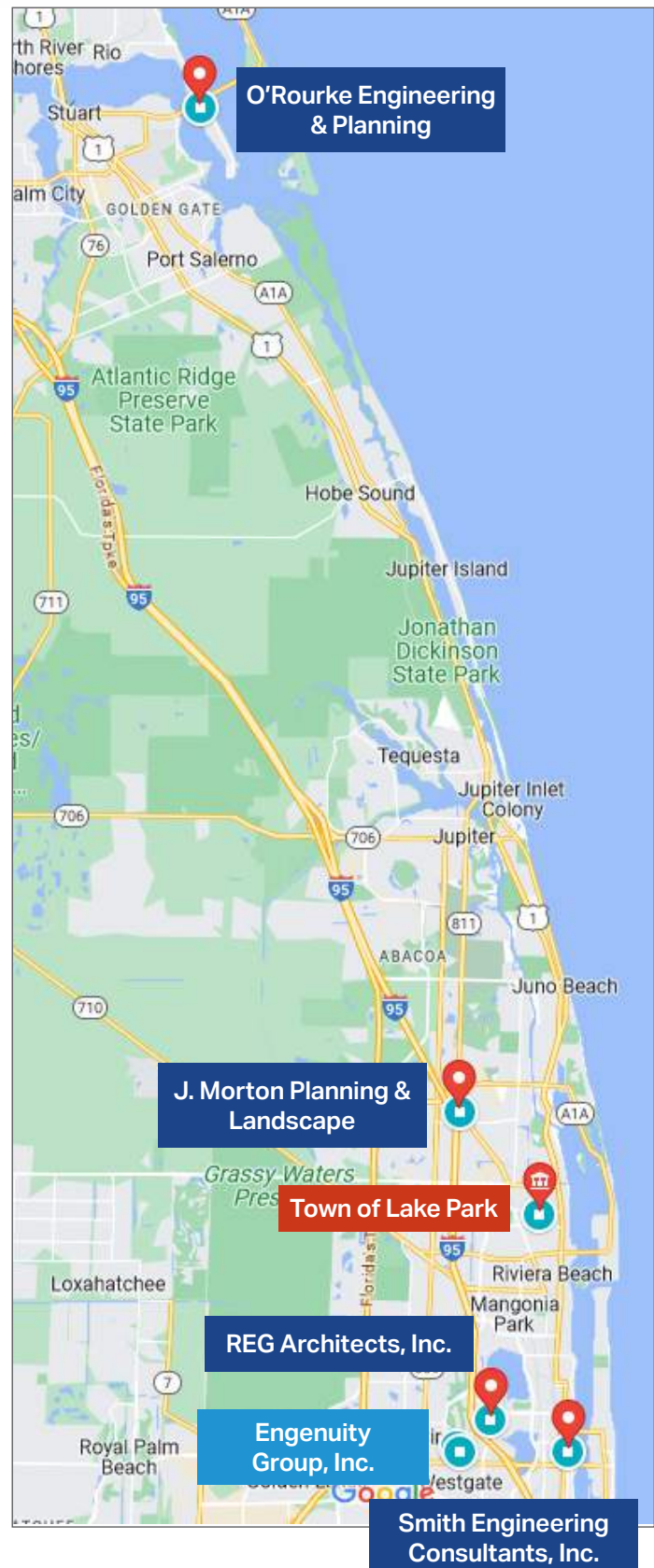
120 S. Olive Avenue, Suite 210  
West Palm Beach, FL 33401

**Smith Engineering Consultants, Inc.**  
2161 Palm Beach Lakes Blvd., Suite 312  
West Palm Beach, FL 33409

**O'Rourke Engineering & Planning**  
3725 SE Ocean Blvd. Suite 201  
Stuart, FL 34996

## MAINTAINING EFFECTIVE COMMUNICATION

Engenuity Group is always committed to maintaining effective communication between ourselves, the Town, and our sub-consultants. We have a proven track record of working with our current team over the last 5 years on many projects and look forward to hopefully continuing to do so. We provide our cell phone numbers so Town Staff can always reach us and have a relationship with our sub-consultant team spanning over decades. We communicate by phone and email, set calendar reminders, and use that to schedule all project milestones and deadlines to ensure timely delivery. We have shown this success on dozens of plan review projects, the Oval About project, the Park Avenue Road Diet, and the West Park Avenue Streetscape projects.







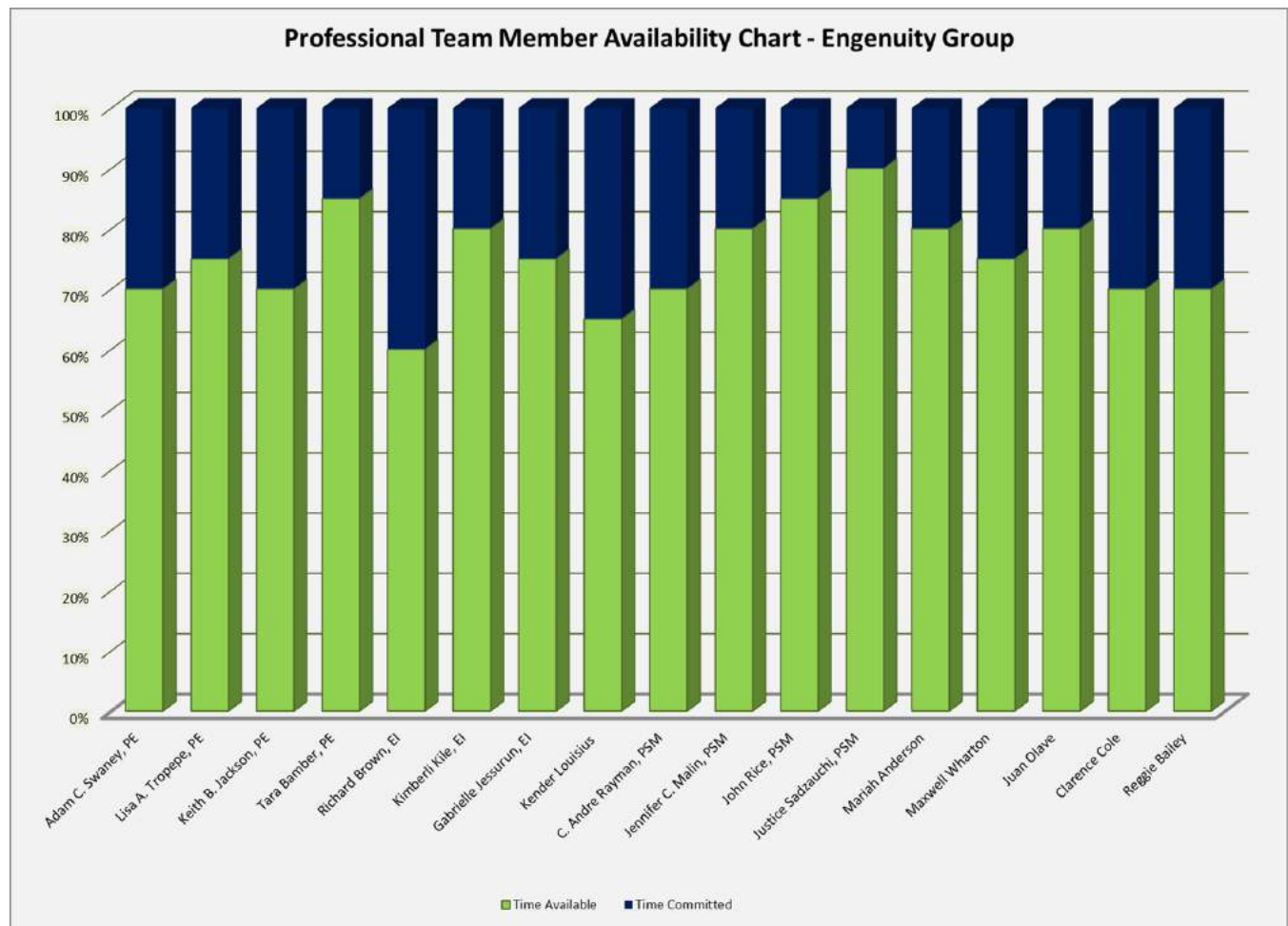
## TAB 5

### Availability/Scheduling Capacity



## AVAILABLE RESOURCES TO MEET PROJECT DEADLINES AND BUDGET REQUIREMENTS

Workloads for individuals vary based on a company-wide work backlog. We anticipate the ability to allocate the appropriate resources to the Town as needed to provide a timely and quality product. This chart illustrates an average of our recent, current, and projected workload. We do not currently have any contracts that will cause this projected workload to change and guarantee that all projects will be completed on a predetermined timeline as agreed upon by Engenuity Group, Inc. and the Town of Lake Park. More information about company resources can be found in Tab 2 of this proposal.







**TAB 6**

**Knowledge/Understanding of Town**



## Understanding Of Town's Government Process

Engenuity Group, Inc. has had the privilege of working with the Town of Lake Park over the past 5 years on the current continuing contract and believe that makes us the most qualified team to continue our relationship due to our intimate understanding of Town processes, engineering and planning capabilities, development activity and upcoming capital projects, current and future Community Development Technology, and our past project experience.

## Government Process & Technical Capabilities

Engenuity Group, Inc. is very familiar with the Town's processes and technical capabilities. We have been through the process many times and have streamlined our communications with the Town to complete projects on time and budget. When a new project is requested we work with Staff to put together a price proposal, provide any revisions based on comments and submit for approval. Once the price proposal is approved it is run through the finance department and a PO is issued for the work. At that point we schedule the work and communicate with Staff through any milestones for submittals and presentations. For plan and plat reviews, the documents are received, dispersed among the various consultants, reviewed, and a comment letter for approval is issued by the deadline. We pride ourselves on meeting those deadlines with near perfect accuracy.

## Development Activity & Capital Program

We also have a deep understanding of upcoming projects in Lake Park and have reviewed the CIP to be prepared for any forthcoming work. We have worked on many stormwater and drainage projects for the Town as exhibited in our resumes and experience. We have the ability to work with our lighting and photometrics consultant, Smith Engineering, to design all townwide street lighting improvements. We worked with O'Rourke Planning & Engineering to develop the Town's Mobility Plan and look forward to helping to implement the transportation and traffic calming initiatives developed through it. We have also been involved in implementing the Parks Master Plan and provided surveying services for the West Ilex Park project. Finally, we have worked on many community center and aquatic facilities projects in the

past for other local municipalities including Tequesta Constitution Park Community Center, Coleman Park Community Center, the Wellington Aquatics Complex, Aqua Crest Pool Complex, and the Burns Road Community Center and Aquatics Complex in Palm Beach Gardens.

## Community Development Software

Engenuity Group, Inc. has a great deal of experience working with specific technologies for plan reviews organization. We are currently working with the Town using the CAP Government System and also work with Wellington to use ProjectDox. The City of Riviera Beach uses the Tyler Technologies EnerGov System and we are familiar with how to operate that system as we perform plat and survey reviews on it through our continuing contract with them. It will be a seamless transition for us to download files and upload comment and approval letters to the new Town system.

## Previous Work for the Town

### Plan Reviews:

- Nautilus 220
- Cell Tower Site
- Northlake Promenade- Tire Kingdom
- Coston Marine
- 754 Park Ave- Dedicated IT
- Target Garden Center Enclosure
- Watertower Industrial Warehouse
- Clean Sweep Refuse LLC
- Silver Beach Industrial Park
- Lake Park Innovation Center
- CRA Parking Lot
- 334 10th Street Special Exception
- 1145 Old Dixie- JH McGreggan & Sons
- Congress Avenue Business Park Warehouse
- 1000 Northlake- Take 5 Oil Change
- Northlake Promenade Apartments
- Dalfen Watertower Industrial
- Oceana Coffee
- DXD Capital Self Storage
- Target PUD Master Plan Amendment
- Texas Roadhouse
- 1220 10th Street
- The Adler/Kelsey on Park
- Empire Landscape
- Residences at 10th & Park

### Stormwater/Drainage Projects:

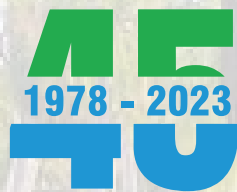
- 1600 Flagler Drive
- 904 Jasmine Drive
- 704 West Ilex Drive to 704 West Jasmine
- 704 to 722 West Ilex Drive
- 846 to 860 Jasmine Drive
- 608 Kalmia Drive
- Kalmia Drive & Flagler Blvd. Drainage Improvements

Park Avenue Road Diet & Watermain  
Old Dixie Highway Septic to Sewer Study & Watermain  
Northern Drive Traffic Calming  
Joule Road Stormwater Main Line Replacement  
Sketch & Legal Descriptions for 4 Locations on Jasmine Drive/2nd Court, Sabal Palm Dr./Redwood Dr., Foresteria Dr./10th St., & 7th Court/Date Palm Dr.  
Lake Park Marina Survey Exhibit  
Topographic Survey of Intersection of 10th Street, Prosperity Farms Rd, & Northern Drive  
Topographic Survey for Old Dixie Hwy Properties Septic to Sewer Conversion  
West Ilex Park Plat & Topographic Survey  
Park Avenue Road Diet & Watermain Topographic Survey  
West Park Ave. Streetscape Topographic Survey  
Tract A & B Legal Descriptions Review



**THANK YOU**

# For the Opportunity



Celebrating 45 Years of Excellence

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group inc.  
ENGINEERS • SURVEYORS • GIS MAPPERS