City of Pompano Beach

REQUEST FOR LETTER OF INTEREST

RLI 26-006

CONTINUING CONTRACT FOR

PROFESSIONAL STRUCTURAL ENGINEERING SERVICES

CONSULTANTS COMPETITIVE NEGOCIATION ACT – CCNA

December 29, 2025
2:00 PM

Submitted by

R.J.Behar & Company, Inc.
Engineers • Planners

SECTION 1

Title Page

SECTION 1 – Title Page

Project Name: Continuing Contract for Professional Structural Engineering Services - CCNA

Project Number: RLI 26-006

Proposer Name: R.J. Behar & Company, Inc.

Address: 6861 SW 196th Avenue, Suite 302,
Pembroke Pines, Florida 33332

Telephone No.: (954) 680-7771

Fax No.: (954) 680-7781

Contact Persons: Robert J. Behar, PE – President/CEO
Gregory Dover, PE – Project Manager

E-mail: bbehar@rjbehar.com
gdover@rjbehar.com

Date: December 29, 2025

SECTION 2

Table of Contents

TABLE OF CONTENTS

SECTION 1 Title Page 1
SECTION 2 Table of Contents 1
SECTION 3 Letter of Interest 1-2
SECTION 4 Technical Approach 1-8
SECTION 5 References/Projects 1-13
List of Projects Performed for the City of Pompano Beach 14
SECTION 6 Project Team Form 1-1
SECTION 7 Organizational Chart 1-1
SECTION 8 Statement of Skills and Experience of Project Team 1-33
SECTION 9 Resumes of Key Personnel 1-61
SECTION 10 Office Locations 1-9
SECTION 11 City Forms 1-14
SECTION 12 Insurance Requirements 1
SECTION 13 Acknowledgement of Addenda 1

Reviewed and Audited Financial Statements
"FINANCIAL STATEMENTS – CONFIDENTIAL" Uploaded

SECTION 3

Letter of Transmittal

R.J.Behar & Company, Inc.
Engineers • Planners

December 29, 2025

Mr. Michael Lee
Procurement & Contracts Department
City of Pompano Beach
1190 NE 3rd Avenue, Building C
Pompano Beach, Florida 33060

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

Dear Mr. Lee:

R.J. Behar & Company, Inc. (RJ Behar) is pleased to submit this Letter of Transmittal to serve the **City of Pompano Beach and the Pompano Beach Community Redevelopment Agency (CRA)** to provide professional engineering services for the Continuing Contract for Professional Structural Engineering Services. We are complementing our team with **Javier E. Bidot & Associates, Corp,** who will provide surveying engineering services (a local business), **QuEST Engineering Services & Testing, Inc.,** who will provide structural special inspector services (a local business), and **Tierra South Florida, Inc.,** who will provide the geotechnical engineering and testing services.

We are confident that we can provide the quality professional services you need for successful completion of this contract. **RJ Behar** was founded in 1999 to provide consulting services to public and private clients in South Florida. We offer 42 members of our professional staff along with 11 Registered Professional Engineers. Our steady growth has been based on providing quality services with a client service-oriented approach. **RJ Behar** is a small business enterprise (SBE) with the Florida Department of Transportation (FDOT), Miami-Dade County, and the South Florida Water Management District (SFWMD).

UNDERSTANDING THE SCOPE:
We understand the nature of continuing services contracts and have assembled a team who is able to provide a comprehensive list of services and can handle concurrent assignments without compromising the quality and promptness of deliverables. Our organizational chart reflects our complete understanding of the anticipated task assignments and the various disciplines needed to complete those tasks. Our goals for these types of contracts are the following:

- *Respond quickly to requests for proposals for specific tasks,*
- *Work as an extension of City's Staff with a service-oriented approach,*
- *Provide sufficient staff to be able to adhere to any schedule required by the City,*
- *Adhere strictly to budgets set by the City, and*
- *Conduct in-house quality control reviews of all deliverables to eliminate potential construction claims or delays.*

RJ Behar's Team is extremely qualified and experienced to address all the needs and requirements of the structural scope of work for this continuing services contract due to our extensive experience with municipal work. The entire professional team assembled for this RLI fully understands the scope and can meet its requirements. We commit all our resources to accomplish any job, on time and within budget. When undertaking a civil engineering project, we try to incorporate several sustainable and innovative designs, while keeping in mind our client's budget.

STRUCTURAL ENGINEERING EXPERIENCE ON CONTINUING CONTRACTS: RJ Behar is an award-winning full-service engineering firm offering services in *Structural Engineering*. Our in-house structural design capabilities enable us to provide full-design services for our clients. Our structural design capabilities include *Bridge Design (Minor, Major Bridges), Bridge Rehabilitation Design (Minor Bridges), Bridge Inspections (Minor Bridges), Box Culvert and Special Drainage Structures, Mast Arm Design for Traffic Signals, Retaining Wall Systems (all types of walls), Overhead Sign Structures with all types of foundations, Residential and Commercial Buildings Design (<4 Stories), Water Control Structures, Spillways, Culverts and Weirs; Recreational Structures; Pedestrian Bridges; Docks and Piers; Pump Stations including Water Control and Sewage Pump Stations, and Construction Engineering Management and Inspection*. We are well-versed in engineering design, budget,

and construction cost estimating services, bidding assistance, permitting, and contract administration services during construction.

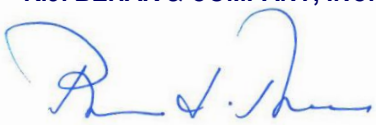
COMMITMENT TO PROVIDE PERSONALIZED SERVICE:
The **RJ Behar Team** is qualified and experienced to address all the needs and requirements of the scope of work for this contract. **Mr. Gregory Dover, PE,** will serve as the Project Manager and point of contact for this contract. He can be reached at 954-680-7771 and email: gdover@rjbehar.com. He has over 35 years of engineering experience, with extensive experience as Project Manager/Engineer of Record (EOR) and Senior Structural Engineer for numerous bridge projects. His experience includes the design of new bridges, rehabilitation of bridges, including painting and rehab of steel bridges, rehabilitation of bridges over rivers and ocean; design and construction plans for bridges over canals; also design of water structures, roadway signs, retaining walls and platforms for pump stations. Mr. Dover has provided structural inspections for 40-Year Building Structural Recertification following the Building Department Minimum Inspection Procedural Guidelines of cities. He has provided quality control reviews of Bridge Design Reports (BDR), and construction plans to replace existing bridges. Mr. Dover is knowledgeable of the FDOT guidelines for design and construction codes, regulations, and standards to follow for the construction of concrete and steel bridges. He has also participated in county and city projects. His proactive management and prompt responses are an asset to any client. As a Project Manager, he will take an active role in ensuring quality in all deliverables to you.

FINANCIAL STABILITY: RJ Behar has a sound financial base, has demonstrated financial stability, and possesses adequate physical resources to support our mission and the scope of services we provide. The financial base and stability of the company and our ability to provide adequate physical resources are reflected in our financial statements. Our "current ratio" is approximately 2.11. Our growth is 35% over the past three years. Over the past year, it has grown by about 10% over last year's revenue currently. Our revenue is generated by providing professional consulting services to the State of Florida, municipalities, counties, as well as private clients. These funding sources are adequate to provide financial stability for our company. The stability of **RJ Behar** depends greatly on the CEO's ability to keep accurate records of past and current financial conditions. **RJ Behar** is a financially stable company with an impeccable track record since its inception in 1999.

OFFICERS/PRINCIPALS: Robert J. Behar, PE – President/CEO/Treasurer; Paola Riveros, PE – Vice President; Dereth Behar – Vice President/Corporate Secretary
PRIMARY CONTACT: Robert J. Behar, PE; 954-680-7771 ext. 200, bbehar@rjbehar.com
RESPONSIBLE OFFICE: 6861 SW 196th Avenue, Suite 302, Pembroke Pines, Florida 33332

I personally commit to the overall successful completion of this contract, in terms of quality, timeliness and budget as a team. For the team, I enthusiastically offer this proposal and look forward to continuing to work with the City of Pompano Beach and its Staff. The City of Pompano Beach can expect from a highly qualified team with recent relevant experience; undivided attention to quality control; and personal, hands-on, priority service.

Sincerely,
R.J. BEHAR & COMPANY, INC.



Robert J. Behar, PE
President

SECTION 4

Technical Approach

SECTION 4 – TECHNICAL APPROACH

UNDERSTANDING OF THE SCOPE OF SERVICES

This contract is for Continuing Contract for Professional Structural Engineering Services - CCNA for the City of Pompano Beach. We have reviewed the RLI and understand the scope of services will be for bridge repair, replacements, seawalls, bulkheads, parks/recreational facilities, miscellaneous buildings repair and/or renovation, roofing repairs or replacements, special inspections, emergency projects, and other miscellaneous structures. Based on the RLI and our extensive structural experience on these types of structures, we anticipate the following scope of services *(Italics for items not in RLI but potentially needed).*

City's Scope of Work:

- Municipal Buildings
- Bridge repair, reconstruction, or replacement projects
- Miscellaneous building repair, improvement, and/or renovation projects
- Roofing repair or replacement projects
- Seawall repair, reconstruction, or replacement projects
- Parks and Recreational Facilities projects
- Emergency power projects
- Special Inspector
- Structural Condition Assessments.

RJ Behar's Interpretation and assessment of tasks to perform:

- Nondestructive testing, integrity assessment of structural elements, and nonlinear finite element analysis, as needed.
- Assessment of structures and preparation of master plans with short-term and long-term repair and replacement recommendations. The master plans will include planning level design documents including sketches, preliminary descriptions of work to be performed, and cost estimates.
- Review and utilize the findings of the surveys, geotechnical investigations, inspections, and material sampling and testing programs to perform an overall condition assessment and rating of the various structural components.
- Analysis, design, evaluation, inspection of concrete, steel, metal, timber, and masonry structures and development of construction documents for all types of structures such as buildings, bridges, seawalls, and water and wastewater plant structures in accordance with relevant Building Codes and applicable standards.
- Design of repair/strengthening techniques and development of construction documents for all types of structures such as buildings, bridges, seawalls, and water and wastewater plant structures.
- Perform structural feasibility studies.
- Recommend routine maintenance, operational practices, and repairs and/or enhancements that would appreciably extend the remaining structure's service life.
- Design of foundation systems for various structures including concrete spread footings, toe wall footings, mat foundation, auger cast piles, steel piles, and precast concrete piles.
- Conduct field inspections of all structural elements
- Prepare designs and specifications packages for appropriate structural repairs or replacements.
- *Prepare technical specifications (TSPs) for materials and construction methods not covered by standard specifications.*
- Perform analysis and recommendations for soil strengthening and remediation.
- Provide cost estimates for proposed design and improvements at various stages (30% complete, 60% complete, 90% complete, and 100% complete) of a project.
- Post design services and construction administration and assisting City Staff with bidding and bid evaluation.
- Permitting – Prepare permit applications along with supporting documentation.
- Final load rating analysis per FDOT standards.

- Preparation of a Project Manual containing pertinent documents (i.e., plans, permits, calculations, reports) as well as backup information (such as correspondence, Meeting Minutes, etc.) and supporting design decisions.
- *Grant assistance when requested.*
- *Consultant Services for Public Outreach and public meetings services, as needed.*
- *Utility Coordination and Subsurface Utility Engineering (SUE) to identify a potential utility conflict, and utility relocation design, as needed.*
- *Drainage design and plans, as needed.*

APPROACH TO PROJECT PROCESS

Our firm has developed procedures and spreadsheets to track and manage the assigned tasks. We provide monthly progress reports of each task with all information and issues that may affect schedules. In this type of contract, the most important issue is **responsiveness**. General Service Contracts are a tool that the client has to undertake projects that sometimes develop unexpectedly, "walk-in projects," and require expeditious response. This kind of project usually does not fit the workload plans of the in-house staff, requiring the use of this tool. They also offer the opportunity to reduce any backlog of work and to provide expertise in specialized areas. ***Our objective in these contracts is to provide the client with high quality, timely professional services in support of the Client's Mission. Our project manager provides direction and is responsible to the client for the quality and timeliness of the work, whether it is provided by RJ Behar or our specialty subconsultants***.

In order to accomplish these objectives, **RJ Behar** will:

- Assemble a Project Team whose experience specifically matches the services requested in the scope of work.
- Adhere to our in-house quality assurance program.
- Establish a project schedule, which is to be monitored by the Project Manager.
- Maintain strict coordination within our in-house staff, the Client's staff, utility companies, and the permitting agencies.
- Identify project issues by scheduling field reviews, a kick-off meeting and begin data collection early in the project.
- Maintain a pro-active management philosophy and minimize the Client's involvement throughout the project.

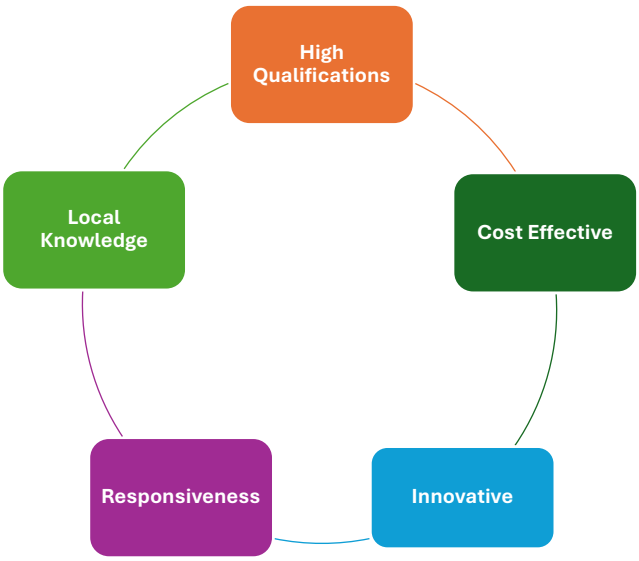
Continuing Engineering Services contracts can vary in type, sizes, and scope. We are prepared to be responsive and flexible in meeting the Client's requirements and schedules and commit all of our resources to achieve this goal. For this contract, we have assembled a comprehensive team of experts who will be available to provide any service, from planning and detailed design to construction inspection.

Our project approach will be as follows:

1. The Principal-in-Charge is responsible for the overall successful completion, in terms of quality, timeliness, and budget. **Mr. Robert J. Behar** will serve as Principal-in-Charge. He is the firms' president and quality control officer.
2. Our project manager will be **Gregory Dover, PE**, he is a professional engineer registered in the State of Florida with ample experience in these types of projects. **The project manager is responsible for the preparation of the scope of services, procedure, staffing, work plan, schedules, estimated fee, and will have direct responsibility of the task completion**.
3. As the task/assignment is identified and the Client requires our services, the team will be assembled for the specific task. The team will include those disciplines required to the successful completion of the task.
4. Each Task Order shall include: a detailed description of the work to be performed; a schedule of completion (including phases) for the work authorized; and the amount and method of compensation. The Task Orders may contain additional instructions or provisions specific to the authorized work for the purpose of expanding upon certain aspects of the Contract pertinent to the work to be undertaken.
5. After approval from the Client of the scope and work plan we will proceed with the project development and preparation of deliverables.
6. Each deliverable will be subject to a comprehensive quality control review in accordance with our QA/QC program.

Since the projects that will be assigned under this contract are varied, our approach is essentially to provide the Client with a comprehensive team of experts who will be available to provide any service, from planning and detailed design to construction administration.

We are aware of the need to be responsive, cost effective and to provide innovation. Our team will provide the following advantages:



- High Qualifications: Team leaders are seasoned professionals with the required qualifications and many years of experience to develop solutions that meet all the project requirements. Our employees are constantly attending continuing education seminars and our project construction inspectors are FDOT certified.

- Local Knowledge: Our professionals are located in the region and have knowledge of topographical, geological and environmental conditions. They are knowledgeable of the permit requirements and have working relationships with permit regulators. They are also knowledgeable of local utility companies and their representatives.

- Responsiveness: Our contracts are directly supervised by our firm's principals who understand that repeat business is the key to our success and as such recognize the need to satisfy our clients.

- Innovative: RJ Behar has incorporated sustainable designs and planning into our list of services. Our project team includes a group of savvy and experienced designers. They are constantly bringing innovative design solutions to our projects.

Cost effective: Our management approach is tailored to develop designs that are within the scope and within the funding constraints.

Work Plan Implementation

The work plans for the various projects and task orders under consideration may vary greatly. **RJ Behar** believes that a project will be successful if it is well-organized to begin with; people are properly informed as to their responsibilities, schedules and budgets. Therefore, **RJ Behar** places a large emphasis upon the initial steps of the project on its first tasks:

Task 1 – Kick-off Meeting: This task includes a meeting with all relevant team members to discuss the scope, work plan, and schedules. It serves to ensure that all team members are in consonance and working towards the same goal. Project coordination will continue with meetings at the major milestones for the project.

Task 2 – Data Collection: This is an important phase of any project. Information for the planning area and infrastructure data will be gathered and mapped. Of course, the following will be modified appropriately for the specific task order. All information and gathered data will be provided to the City in electronic format.

Task 3 – Field Reviews: **RJ Behar** will schedule a field review with the City's Staff, if necessary. These may include the City's Manager and other City departments. Discussions will be aimed at reviewing the background of the project and any important issues, problems, or requirements. Other agencies, as deemed appropriate, may be invited. The **RJ Behar' Team** will assess the scope of the proposed improvements. In order to facilitate our team in the scope assessment, we will have a "Project Checklist" available at our field review. We will prepare minutes of the field review in order to define our scope of work.

In the event that the City's representative is unavailable for the site meeting, RJ Behar will furnish photographs and videos of the project to point out areas of concern. This task may also include a review of the permit agency requirements and preliminary meeting to insure that the alternatives developed in subsequent phases are permissible. Some of this information can either be mapped in AutoCAD or Geographic Information System (GIS) methods, both of which we have expertise in.

TASK 4 – TRAFFIC DATA COLLECTION: If necessary, **RJ Behar** has in-house technological capabilities for collecting all the necessary traffic data. We have our own traffic counters that can produce volume, speed, and vehicle classification studies. We also own intersection turning movement collection devices and staff trained in its use. All the necessary traffic data will be collected by RJ Behar's Staff, which will make it a more efficient and economical project component.

PROJECT COORDINATION & COMMUNICATION

Coordination of a multi-member team requires regular attention. All matters related to the project will be coordinated with the City's Manager. We will try to minimize the City's day-to-day involvement by keeping the City's Manager informed electronically (e-mail). Mr. Dover will serve as our focal point of coordination and for providing timely responses and prompt follow up. He will be the link with the project team.

- **BETWEEN RJ BEHAR AND THE CITY OF POMPANO BEACH:** As previously discussed, we will keep the City's Manager well-informed of all project issues at all times. Recognizing that City's Manager may be managing numerous projects at any given time; therefore, we will try to accommodate his or her day-to-day involvement by 1) *obtaining needed information ourselves*, 2) *maximizing electronic information transfer (e-mail),* 3) *conference calls, or* 4) *prompt meeting minutes*. We will schedule progress meetings as often as the City's Manager desires. A progress report will be provided on a monthly basis including required action items and who is to follow up. The Town's Manager is the voice for the Town and, therefore, we will coordinate with him/her prior to meeting with other entities.
- **BETWEEN RJ BEHAR AND UTILITY COMPANIES/PERMITTING AGENCIES: RJ Behar** will develop a distribution list for each utility company and permitting agency. Meeting with the permitting agencies will be held as soon as the concept is developed. Utility contacts will be made as soon as topographic features and right-of-way lines are plotted. Ongoing coordination will be maintained with all of the agencies. It is important to note that we propose to have a kick-off meeting at the beginning of the task with the City's Manager and our key staff. This meeting will insure that the project gets started on the "right foot". The scope, work plan, schedules, and understanding of the task should be discussed and any major issues identified up-front.
- **BETWEEN RJ BEHAR AND PRIVATE STAKEHOLDERS: RJ Behar** will, through the City, coordinate with the private stakeholders involved. We will organize public meetings, one-on-one meetings, conference calls and preparing presentations. We will make ourselves available to provide the services that the City needs. On all public meetings we will keep minutes or recordings as needed for documentation.
- **COMMUNICATION: RJ Behar** recognizes the importance of communicating during the course of the project. As such, regular in-house meetings will be held to ensure coordination and quality control. We will provide the City with minutes of meetings within one week after the meeting is held. These will include minutes of meetings with all entities involved.

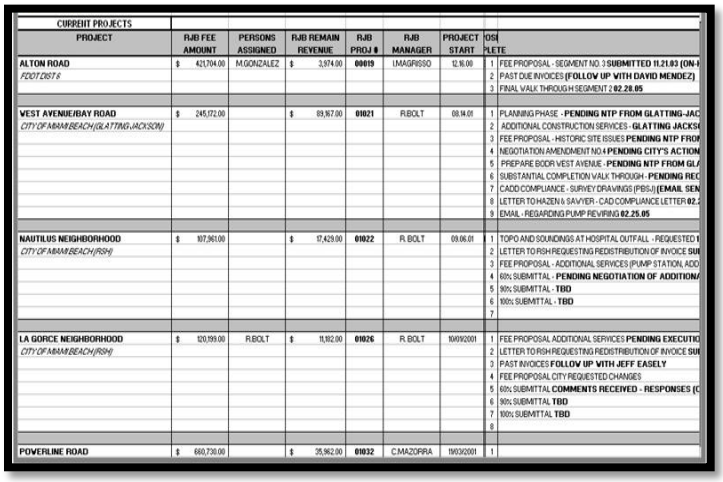
PROJECT SCHEDULING METHODS

The Project Manager is the key to a successful project schedule; he/she is the "CEO" for the technical elements related to the project. **RJ Behar** is completely familiar with the logic involved in scheduling projects. We utilize Microsoft Projects and/or Primavera software for scheduling all of our projects. Our management methodology is best summarized as follows:

- ***Staffing Plan*** – Please refer to our team organizational chart.
- ***Weekly In-House meetings*** – We hold weekly in-house staff meetings with detailed action items to track schedules, budgets and design activities.
- ***Monthly Progress Meetings*** – Our Project Manager will meet with the City's Manager on a monthly basis to review the project's progress. A monthly progress report will be prepared.
- ***Interactive Team Management Approach*** – Our project approach will keep the City thoroughly informed of the project. The team approach is the cornerstone of **RJ Behar's** method of doing business.

- ***In-House "Brainstorming Session"*** – Once we obtain sufficient field data and have completed our field review, our project team will conduct a "brainstorming session", where the key personnel gather to discuss the project and suggest an optimal solution for the project. The goal is to get the decision makers involved early.
- ***Use of Interactive Approach with the City of Pompano Beach to Accelerate Work*** – The goal of the interactive approach proposed by our team is to get the decision makers involved in the project from the very start. Major design decisions will be coordinated with City's Staff through the City's Manager. This timely involvement allows our team to avoid false starts and eliminates significant design changes at the submittals.

An example of our weekly meeting spreadsheet is located on this page. This spreadsheet is used to track milestone dates, action items, and staffing requirements. These are inter-related and are monitored in order to ensure schedule control.



CURRENT PROJECTS PROJECT	RJB FEE AMOUNT	PERSONS ASSIGNED	RJB REMAIN REVENUE	RJB PROJ #	RJB MANAGER	PROJECT START	OSE LETE	
ALTON ROAD	$ 421,704.00	M.GONZALEZ	$ 3,974.00	00019	I.MAGRISSO	12.16.00	1	FEE PROPOSAL - SEGMENT NO. 3 SUBMITTED 11.21.03 (ON-H
FDOT DIST 6							2	PAST DUE INVOICES (FOLLOW UP WITH DAVID MENDEZ)
							3	FINAL WALK THROUGH SEGMENT 2 02.28.05
WEST AVENUE/BAY ROAD	$ 245,172.00		$ 89,967.00	01021	R.BOLT	08.14.01	1	PLANNING PHASE - PENDING NTP FROM GLATTING-JAC
CITY OF MIAMI BEACH (GLATTING JACKSON)							2	ADDITIONAL CONSTRUCTION SERVICES - GLATTING JACKSO
							3	FEE PROPOSAL - HISTORIC SITE ISSUES PENDING NTP FRO
							4	NEGOTIATION AMENDMENT NO.4 PENDING CITY'S ACTION
							5	PREPARE BOOR WEST AVENUE - PENDING NTP FROM GL/
							6	SUBSTANTIAL COMPLETION WALK THROUGH - PENDING REC
							7	CADD COMPLIANCE - SURVEY DRAWINGS (PBS&J) (EMAIL SEN
							8	LETTER TO HAZEN & SAWYER - CAD COMPLIANCE LETTER 02.2
							9	EMAIL - REGARDING PUMP REVIRING 02.25.05
NAUTILUS NEIGHBORHOOD	$ 107,961.00		$ 17,429.00	01022	R. BOLT	09.06.01	1	TOPO AND SOUNDINGS AT HOSPITAL OUTFALL - REQUESTED I
CITY OF MIAMI BEACH (RSH)							2	LETTER TO RSH REQUESTING REDISTRIBUTION OF INVOICE SUI
							3	FEE PROPOSAL - ADDITIONAL SERVICES (PUMP STATION, ADD
							4	60% SUBMITTAL - PENDING NEGOTIATION OF ADDITIONA
							5	90% SUBMITTAL - TBD
							6	100% SUBMITTAL - TBD
							7	
LA GORCE NEIGHBORHOOD	$ 120,199.00	R.BOLT	$ 11,912.00	01026	R. BOLT	10/01/2001	1	FEE PROPOSAL ADDITIONAL SERVICES PENDING EXECUTIO
CITY OF MIAMI BEACH (RSH)							2	LETTER TO RSH REQUESTING REDISTRIBUTION OF INVOICE SUI
							3	PAST INVOICES FOLLOW UP WITH JEFF EASELY
							4	FEE PROPOSAL CITY REQUESTED CHANGES
							5	60% SUBMITTAL COMMENTS RECEIVED - RESPONSES (C
							6	90% SUBMITTAL TBD
							7	100% SUBMITTAL TBD
							8	
POVERLINE ROAD	$ 660,730.00		$ 35,962.00	01032	C.MAZORRA	11/03/2001	1	

Budget Control

RJ Behar is fully aware of the current financial climate and has put several key steps in place to help with reducing costs. We utilize spreadsheets and the sophisticated Advantage Program from DELTEK computer software to keep track of project budgets. Regardless of the budget constraint of any project, **RJ Behar** has the commitment of completing every contracted project to the satisfaction of the client.

We utilize management spreadsheets for control of each project. These are discussed in our weekly meetings. At these meetings, we go over the items that need to be completed; the budget and staff needed to complete each item. Our Company president presides over these meetings to ensure that each project and tasks are allocated the necessary resources. **RJ Behar** has excellent track-record for delivering projects within budget.

Cost Estimating

RJ Behar is experienced in developing and tracking project cost estimates. One of the first tasks is to meet with the City's Staff to go over the City's budget for this project. Our Project Manager will be able to assist the City in developing a budget based on the City's goals for the project and current construction cost trends. The project budget becomes the basis for the project scope and limits. The project construction cost is further refined after the plans have been developed to a "preliminary" stage by developing an estimate of probable cost. Additionally, probable cost estimates are also developed at subsequent phases to ensure compliance with the project budget. Cost estimates are produced in spreadsheet format including unit prices and quantities. The unit prices are based on a database developed from recent project bids as well as FDOT's historic prices. **RJ Behar** is certified by FDOT to do cost estimates for design and construction projects. We will provide the City with probable cost estimates at three different phases:

- ***Schematic Phase*** – a very preliminary cost based on early input of the project. The construction budget will be verified based on this estimate.
- ***Design Development Phase*** – this estimate will be much closer to the final cost estimate, and it will be based on 50% plans completion. It is at this phase that we can eliminate or add items to the construction scope of work, and it will be based on the available budget versus projected costs.
- ***Final Construction Plans*** – this is the final engineer's estimate based on the final design.

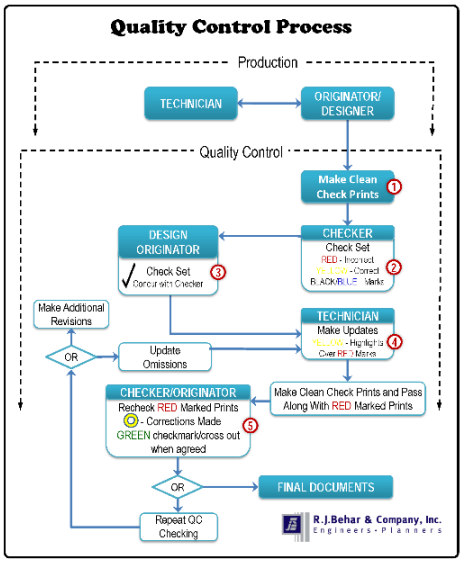
We have an excellent track record with all of our project bids coming within 5% of our final engineer's estimate. **RJ Behar** is well aware of the budget and time constraints. We will take appropriate action to reallocate resources if the work items fall behind schedule in accordance with the critical path to minimize impact to the overall schedule. We will effectively manage the budget and have developed a logical quality control plan, which we will adhere to the plan throughout the project. We have always ranked 4.0 or above (1-5 ranking) on FDOT evaluations regarding budget and time.

DOCUMENT CONTROL

Document control is very important. All administrative procedures and legal protections require proper care of documentation. **RJ Behar** understands matching documentation requirements with any size project. We use a straightforward system for prioritizing, routing and maintaining the necessary project documentation.



Besides memos and meeting minutes, there are contract documents, plans, specifications, operation manuals, survey data and invoicing that will all need to be routed to their proper locations within the City system. **RJ Behar** has worked with a number of public agencies and municipalities since its inception and is adept at organizing project documentation using the client's methods, procedures and formats. We are familiar with most document formats used in engineering documentation and will easily adapt to requirements of the City early in the project.



Quality Control Process (QA/QC): Our goal is to completely avoid errors and omissions, which are accomplished with our robust quality control (QC) process, which consists of a continuous and thorough evaluation of design elements, calculations, response to review comments and using review checklists and flowcharts for all deliverables. We will prepare and adhere to a QC Plan detailing the QA/QC procedures. Our subconsultants will also adhere to the QA/QC procedures. Our QC process utilizes qualified professionals who are not involved in the design and production of the project to review the documents produced. Each delivery process goes through this procedure before submittal. Based on our previous experience with the City, we have developed a very specific QC procedure that has been tailor fit for the scope needed in this contract. We keep a Lessons Learned list of our own with issues and resolutions of problems in past projects. We also provide quality control training in-house and send our employees for training, such as the FDOT Transportation Symposium. We also take the plans to the field to check against the existing field conditions and conflicts or constructability problems. Our CEI personnel will check for any constructability problems and evaluate our Temporary Traffic Control Plan (TTCP). As QA officer, Mr. Robert Behar, PE, will check the documentation to verify that the process is followed by all members of the team. Mr. Gregory Dover, PE will verify that the City's review comments are resolved satisfactorily. We have identified seasoned professionals for QC review of the major elements, TTCP, and structural design.

UNDERSTANDING OF PROJECT ISSUES

Whatever the structure type, we understand that construction operations have a significant impact on the public, and our team has tremendous experience with all the regulations and design criteria that govern these issues. For transportation structures such as bridges and retaining walls, we propose to follow the Florida Department of Transportation (FDOT) Bridge Development Report (BDR) procedure to evaluate cost, constructability, maintainability, aesthetics, and precast (accelerated construction) options. For every structure site, we will do a field visit to identify key issues and project challenges to determine our proposed vision and design ideas.

Bridge Project Typical Issues:

Geometrics: In South Florida, many bridges are over canals, and the roadway profile is set by the minimum clearance over water requirements and the depth of structure required. We are experienced in configuring span arrangements and beam spacings and using advanced materials such as high strength concrete (10,000psi) and high yield steel (70ksi) to keep the structure depth to a minimum. *Keeping the profile as low as possible reduces or eliminates the need for retaining walls at the end of the bridge, which is important where private driveways are often very close to the bridge.*

Pile Installation: Due to the close proximity of existing structures to every City bridge, the installation of piles while minimizing vibrations, which may damage nearby structures, is a top priority. We work very closely with the project's geotechnical engineer and often use drilled shafts or auger cast in place (ACIP) piles. We understand the constructability issues associated with these types of foundations and can typically use them instead of driven piles. *Minimizing vibration effects on existing structures reduces the need for structure monitoring and enhances community buy-in for the project*.

Accelerated Bridge Construction (ABC): Our team is experienced in expediting the construction time by using precast or a partial precast deck, such as the Florida Slab Beam (FSB), which can be utilized for most spans over canals up to 50 ft. For pedestrian bridges, we can use a prefabricated steel truss to expedite construction and drop in place overnight. For steel girders, we design to erect two girders at a time in a box shape with diaphragms included. Even Florida I-beam bridges, Mr. Dover is an experienced Engineer of Record for designing a long span concrete girder bridge for FDOT, first in the nation using Self-Propelled Modular Transports (SPMT) to drop an entire long span concrete superstructure in place over a weekend at Graves Avenue over I-4 near Deland, Florida with minimal downtime using rolling roadblocks on one of the busiest corridors. *Speedy construction enhances community buy-in and has added safety benefits for emergency services response times and limiting additional time for bus route detours (school or municipal), as well as inconvenience for the traveling public.*

Seawalls Typical Issues: We are well-versed in the Resiliency Standards for Tidal Flood Protection adopted into Article XXV of the Broward County Code of Ordinances, which states that seawalls within tidally influenced waterways are to be a minimum elevation of 5 feet by the year 2050, with an allowance of elevation of 4 feet by year 2035. We are already doing projects within Broward County to meet these criteria. We conduct a thorough field visit and search for as-built plans or previous inspection reports to fully understand the existing wall system and its condition. We will evaluate if the existing wall can be extended or we will design a new wall system that is easy to install while minimizing vibrations and resulting damage to nearby structures. Our team is fully capable of providing designs for wall systems comprised of steel sheet piling, concrete pile and panel or reinforced concrete on spread footing or concrete augured cast in place piles, whichever is most suitable for the project needs. *There are cost benefits to meeting these criteria well ahead of time as it is anticipated to be a high demand on engineering and material resources closer to the 2035 deadline.*

PROJECT MANAGEMENT APPROACH

We will manage the work and timeline by utilizing industry standard project management practices. Our first step is to create a collaborative team environment. This starts with a morning huddle for daily team goal setting. We will discuss what needs to be done that day and how it will be done with senior engineers guiding the approach. With clarity on roles and responsibilities, each team member knows what they are responsible for to advance that project that day. Then days turn into weeks, and weeks into months, and the project stays on track and is delivered on schedule. Additionally, we will provide monthly progress reports to the City's Project Manager and will meet with him/her at the interval of their choosing to discuss the project's progress.

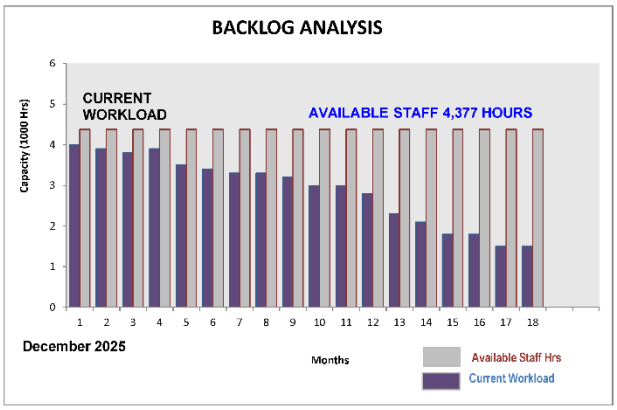
One of our most important focal points is concise and clear communication. We do not believe simply sending an email is sufficient for adequate communication on every issue. When appropriate, we follow up with emails with phone calls or virtual meetings to make sure the issues are clearly addressed and understood by all. We also have a focus on value management. We will utilize the Earned Value Method to systematically identify when a project goes off track to address any project issue before it becomes a project delay or before it puts financial strain on the project.

CURRENT WORKLOAD OF THE FIRM

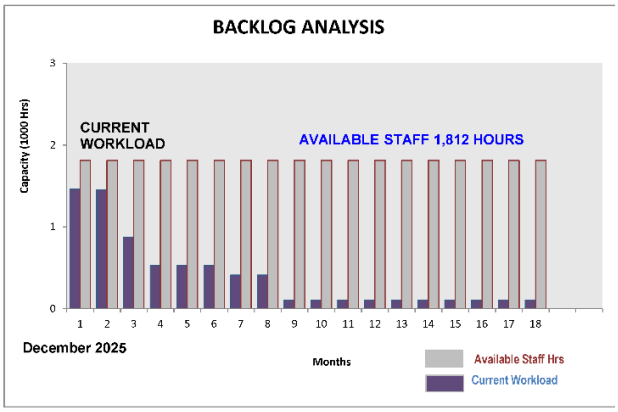
The Graphs below, "Backlog Analysis" for both **Design** and **CEI** services, illustrate **RJ Behar's** current workload and work under contract. We have a proven management record enabling us to address challenges in a proactive manner. Specifically, we hold weekly meetings with our project managers, where we discuss every single project in detail to responsibly manage current and additional workloads. The following items are discussed in these meetings:

- Project schedules/milestones for each project.
- Staffing needs for each project.
- Remaining project budgets.
- Project performance for each project.

Design Services



CEI Services



RJ Behar has a proven record for successfully managing multiple contracts. We accomplish this by utilizing a combination of our management and technical expertise combined with quality and responsive subconsultants whom together will provide an excellent team. Our management plan integrates three key components that are required for a successful project, which are: 1) schedule management, 2) staff and resource management and 3) quality control. **RJ Behar's** project management approach is best described as RESPONSIVE. The top priority on all projects is to ensure that our team maintains close and continuous coordination with the City's Project Manager and all our subconsultants.

Structural assignments will be spread out to different design teams to handle multiple assignments simultaneously. To keep the workflow moving on the projects, we will conduct weekly internal meetings to coordinate project issues. Additionally, with a resource management software tool, we will enter and track all our current workload to identify where the resources are needed so the City's needs are prioritized. We have also added a structural subconsultant to aid in multiple assignments.

TECHNICAL CAPABILITIES

RJ Behar has all the modern equipment and structural analysis software including Bentley Open Bridge, STAAD Pro, MathCAD, and Excel. We have software tools available for all types of structures in this contract. We also utilize a state-of-the-art drone for better photographic data collection to enhance efficiency and safety of field work.

We understand our role as a trustworthy steward to deliver the City's projects with the utmost integrity and compliance with all relevant design codes. Our Project Manager, Mr. Greg Dover, PE, will communicate the vision and goals of the project with the design team, and will closely monitor the progress of the project, and will fully embrace the responsibility to ensure the successful delivery of the project. Mr. Dover will lead the charge by being involved as chief engineer for technical design as well as project manager for the contract. His management style is proactive, not reactive. He will plan the work with proven management strategies and work the plan with a qualified team who is just as committed to the success of this contract.

SECTION 5

References

SECTION 5 – REFERENCES

Project Information	Project Scope
Florida Mango Road Bridge Replacement Over The L-2 Canal – West Palm Beach, Florida	

Client: *Palm Beach County Department of Engineering & Public Works Division of Roadway Production*
2300 N. Jog Road, 3rd Floor, West
West Palm Beach, Florida 33411

Contact Person:
Ms. Sandra M. Ospina, PE
Project Manager
Tel: 561-478-5795
Email: SOspina@pbcgov.org

RJ Behar's Role:
Drainage design, roadway improvements, structural engineering, force main & water main design, pavement marking and signing, permitting, cost estimating, relocation of utilities.

Project Started: *07/2017*
Project Completed: *10/2023*
Cost/Fees Paid: *$129, 894.89*
Construction Cost: *$901,590.61 (Estimated)*

R.J. Behar & Company, Inc. (RJ Behar) developed the design for the removal of the existing bridge over the L-2 canal and replacement with a dual 72" equivalent elliptical pipe system. The scope of the project included replacement of the bridge with concrete culverts, structural design for new headwalls, and canal regrading and slope protection. The bridge is located adjacent to a pump station that is maintained by the South Florida Water Management District (SFWMD).



As part of the project, RJ Behar designed the relocation of 130 ft of 6" force main and 115 ft of 12" water main for Palm Beach County WUD. Additionally, RJ Behar designed the relocation of 118 ft of 4" force main and 120 ft of 8" water main for the City of West Palm Beach.







RJ Behar also coordinated the plans with the City of West Palm beach and obtained Health Department permits for all relocated utilities.

Project Information	Project Scope

SW 87th Avenue Bridge Over Canal C-100 – Miami Dade County, Florida

Client: *Miami-Dade County*
Department of Transportation and Public Works
Engineering, Planning and Development
701 N.W. 1st Court, Suite 1500,
Miami, Florida 33136

Contact Person:
Ms. Jacqueline Alcina, P.E
Project Manager
Tel: 786-469-5325
Email: Jalcina@miamidade.gov

RJ Behar's Role:
Bridge and Roadway Design

Project Started: *7/06/21*
Project Completed: *8/2022*
Cost/Fees Paid: *$454,780*
Construction Cost: *$4,992,394*
M-Dc Project #: *20210098*
Project Length: *1,168.95 Lf/ 0.221 Miles*

Miami-Dade County determined the need to connect the south and north ends of SW 87th Avenue by constructing a new bridge over the South Florida Water Management District (SFWMD) C-100 canal. The proposed bridge is located along SW 87th Avenue between SW 163rd Terrace and SW 164th Street and will carry both vehicular and pedestrian traffic. RJ Behar & Company, Inc. was selected to provide project management, design, prepare construction documents, and assist during construction.



The proposed 2-lane urban typical section for SW 87th Avenue includes 2-3' raised separators, 2-5' bike lanes, 2-8' sidewalks and 2-12' lanes. The total width of the typical section is 60' wide. The existing right-of-way is approximately 80' with two 10' lanes with grass shoulders and swales and sidewalks on each side. The new bridge will carry the same proposed roadway section and add traffic railings at each side for a total width of 62'-2". The roadway has a straight horizontal alignment and was designed with a vertical curve meeting the requirements of the Florida Greenbook.



Project Information	Project Scope

Hook Square Pump House Replacement – Miami Springs, Florida

Client: *City of Miami Springs, Florida*
201 Westward Drive
Miami Springs, FL 33166

Sub to: Bermello Ajamil & Partners, Inc.
4711 South LeJeune Road
Coral Gables, FL 33146

Contact Person:
Mr. Jose Lopez, PE, PMP, ENV SP
Director of Environmental Engineering
Tel: 305.859.2050
Email: jlopez@bermelloajamil.com

RJ Behar's Role:
Civil, Structural, Mechanical and Electrical Engineering

Project Started: *2/13/2023*
Project Completed: *9/2023 (Design)*
Cost/Fees Paid: *$48,416*
Construction Cost: *$750,000 (Estimate)*





The City of Miami Springs plans to replace one old stormwater pump station (Hook Square) that transfers water from the City's closed canal system to the South Florida Water Management District's C-6 Canal. This pump provides flood control to residents, streets, and businesses located in the basin, as well as several neighboring communities along South Royal Poinciana, which was a major southeast thoroughfare along Miami Springs. The existing pump was performing below capacity, was obsolete, and failed frequently. The pump station has only one pump and will be replaced with only one new 10,000 gpm axial vertical pump.

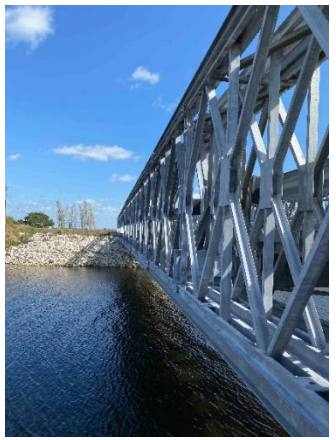
The improvements to the station included:

- *Demolition of old equipment,*
- *Replacement of the existing pump with a new 9,500 gpm, 40 hp electrical motor, vertical propeller pump,*
- *Replacement of the inflow structure with new trash rake and access hatch,*
- *Replacing the station roof with new access hatch,*
- *Replacing the pump base platform with new steel framing and FRP grating,*
- *Installation of new exhaust fan,*
- *Installation of flap gates at outfall,*
- *Installation of new float levels,*
- *Installation of riprap revetment and shore protection at the outfall, and*
- *Miscellaneous repairs.*





R.J. Behar & Company, Inc. *provided complete structural, mechanical, civil/site design and electrical design for the improvements, USACE Section 404 permit sketches and assisted with permitting.*

Project Information	Project Scope
Heller Bridge Inspection and Certification City of Fort Pierce, Florida	
Client: *Partner Engineering and Science, Inc. (Partner Assessment Corporation)* *300 Avenue of The Champions, Suite 160* *Palm Beach Gardens, Florida 33418* ***Contact Person:*** *Mr. Steven Snyder* *Senior Project Manager - Environmental Solutions Group* *Tel:* 561-627-1810 Ext 107 *Email: ssnyder@partneresi.com* ***RJ Behar's Role:*** *Structural Evaluation* ***Project Started:*** *3/30/2023* ***Project Completed:*** *8/31/2024* ***Cost/Fees Paid:*** *$5,230.00* ***Construction Cost:*** *N/A* ***Project Length:*** *Not Applicable*	Environmental Solutions Group conducted a soil remediation project at the Heller Brothers Groves property in Fort Pierce and will be utilizing heavy equipment that needs to cross over the Heller bridge over the C-25 Canal. The work entails an engineering inspection of the Heller Bridge structure, certification that it can support the loads of the equipment that will cross the bridge and final inspection to be performed after the work is completed to document the condition of the bridge after the final crossing. South Florida Water Management District (SFMWD) required the use of the newly-constructed bridge to mobilize the heavy equipment to the site over the C-25 canal with prior engineering inspection of the structure and certification that it can support the equipment loads. The existing bridge is a single span (+/-150 ft) steel frame ACROW Bridge with HS20-44 load rating. The equipment proposed to cross the bridge varied between 29K to 66K lbs.  Scope Work: Structural Inspection and Certification 1. Review the existing plans and specification sheets for all of the equipment that will cross the bridge. 2. Perform initial field inspection of the structure. 3. Prepare Certification of the loads. 4. Perform final field inspection of the structure.   **R.J. Behar & Company, Inc.** was responsible for structural evaluation.

Project Information	Project Scope

40 Year Certification of 7960 Johnson Street – Pembroke Pines, Florida

Client: *City of Pembroke Pines*
8300 South Palm Drive
Pembroke Pines, FL 33025

Contact Person:
Mr. Michael Bailey, PE
Public Services
Environmental Services Director
Tel: 954-518-9073 / 954-518-9069
Email: mfbailey@ppines.com

RJ Behar's Role:
Structural and Electrical 40 Year Inspection and Certification.

Project Started: *6/21/23*
Project Completed: *7/21/23*
Cost/Fees Paid: *$15,428.00*
Construction Cost: *N/A*

Project Length: *N/A*

R.J. Behar & Company, Inc. (RJ Behar) was contracted by the City of Pembroke Pines to conduct a 40-year inspection and certification of a control building at 7960 Johnson Street, which is located within the City of Pembroke Pines Water Treatment Plant.







The scope of work included:
For the 40-year certification, inspect the life/safety components of the building (structural and electrical) and provide the certification form.

1. Structural Inspection:
   a. Conduct a building structural vulnerability inspection of the visual and accessible areas only.
2. Electrical Inspection:
   a. Visual inspection of primary electrical systems such as main power distribution, etc.
   b. Visual inspection of secondary electrical systems such as lighting, receptacles, lightning protection, and conduits.
3. Inspection Report (Structural and Electrical).

Provide an inspection report, indicating the deficiencies found (if any) of the building structural and electrical systems, elements, and miscellaneous components. **RJ Behar** also included preliminary recommendations for retrofits or repairs of the deficiencies found, including a preliminary estimate of probable construction costs. A digitally signed and sealed report for structural and electrical was delivered, including the certification form.

The inspection followed the guidelines of the Broward County Board of Rules and Appeals Building Safety Inspection Report Form.

Project Information	Project Scope
Cresthaven Boulevard from Jog Road to Military Trail Buffered Bike Lanes – Palm Beach County, Florida	
Client: *Palm Beach County Engineering & Public Works Department, Roadway Production Division* *2300 N. Jog Road,* *West Palm Beach, Fl 33411-2745* ***Contact Person:*** *Mr. Mostaque Khan, PE* *Project Manager* *Tel: (561) 684-4153* *Email: MKhan@pbc.gov* ***RJ Behar's Role:*** *Roadway Plans, Signing & Pavement Marking, Signalization, Lighting, Drainage, Miscellaneous Structures, Bridge Design, Utility Coordination* ***Project Start:*** *2/20/2024* ***Project Complete:*** *6/20/2025* ***Cost/Fees Paid:*** *$922,102* ***Construction Cost:*** *$10,802,393* ***FM:*** *446086-1* ***Project Length:*** *2.07 miles*	**R.J. Behar & Company, Inc. (RJ Behar)** was contracted by Palm Beach County Engineering & Public Works Department, Roadway Production Division to perform the design of roadway plans, drainage design, stormwater system, surface water treatment, pavement marking and signing plans, signalization plans for three signalized intersections with 12 mast arms, lighting plans, permitting and an NEPA environmental assessment for two pedestrian bridges, and utility coordination. This project is a federally funded Florida Department of Transportation Local Agency Program Project.  The project included an environmental National Environmental Policy Act (NEPA), LAP Project Type 1 Categorical Exclusion Checklist and Memo, and a Section 404 permit from the Florida Department of Environmental Protection. A Cultural Resource Assessment Survey (CRAS) Report was prepared due to canal bridge widening. The project included two new pedestrian bridges (one each direction), 10 ft. wide, which were added adjacent to the existing bridge within the ROW, which avoided having to relocate utilities under the existing sidewalk. The bridge was a prefabricated steel truss type, with a single span over the canal. The foundation was designed with micropiles to avoid the vibrations and effect existing structures associated with pile driving. The existing bridge is 78.7 ft long, consisting of 3 equal spans of 26.2 ft, with 2 pile bents in the canal. It was built in 1972 and the latest inspection report has it listed as good condition with a sufficiency rating of 75.5%. However, it is functionally obsolete with substandard deck geometry and has an obsolete post and beam type railing. Per FDOT SDG recommendations, this type of rail should be upgraded with a metal thrie beam retrofit rail or a vertical face rail per FDOT standard plans. This upgrade will be performed without affecting the utilities on the bridge. Minor lane closure during off hours can be done to install the upgraded rail. In addition, the existing sidewalk will be blocked off with fencing, forcing pedestrians to utilize the new pedestrian bridge. This enhances the safety of the existing bridge by not only moving pedestrians off the bridge, but by protecting the vehicles from a collision event with a stronger rail system. Separate plans were prepared for the bridge repairs.

Project Information	Project Scope
Linton Boulevard Bascule Bridge Railing Upgrade – Palm Beach County, Florida	
Client: *Palm Beach County Department of Engineering & Public Works Division of Roadway Production* *2300 N. Jog Road, 3rd Floor, West West Palm Beach, Florida 33411* ***Contact Person:*** *Mr. Morton L. Rose, PE* *Director Roadway Production* *Tel: (561) 684-4000* *E-mail: mrose@pbcgov.org* ***RJ Behar's Role:*** *Roadway design, structural engineering, and permitting.* ***Project Started:*** *2/4/2021* ***Project Completed:*** *4/2024* ***Cost/Fees Paid:*** *$93,500* ***Construction Cost:*** *$1,342,839 (Estimated)*	Palm Beach County's Roadway Production Division has determined to replace and upgrade the existing bridge railing at the Linton Blvd Bascule Bridge in Delray Beach, Florida. The scope of work included: ▪ An inspection of the bridge to evaluate the actual conditions and as-built dimensions of the sidewalk brackets. ▪ Perform a new load rating and special inspection. This effort requires structural analysis of each member that is being rated to calculate the loads and capacity. ▪ Bridge Balance Test and Analysis. ▪ New Bridge railing design. The proposed railing system and sidewalk brackets will weigh less than the existing to avoid strengthening of the existing main girders. To ensure that the proposed railing system and sidewalk brackets will weigh less than the existing, the VGAN 300 series aluminum traffic railing by Varley and Gulliver Ltd was proposed. Also, a sidewalk top surface of aluminum plate (½" thick) with a roughened (gritty) top surface plate, was proposed. New sidewalk brackets will be designed that fit the proposed railing. All three existing sidewalk stingers will be replaced. ▪ Roadway design includes Temporary Traffic Control Plans and Utility Coordination ▪ Permit coordination with US Coast Guard and USACE.   

Project Information	Project Scope

J. Dewey Hawkins L Anding Boat Ramp – City Of Oakland Park, Florida

Client: *City of Oakland Park*
1101 N.E. 40th Court
Oakland Park, FL 33334

Contact Person:
Mr. Albert J Carbon III, PE
Public Works Director/Project Manager
Tel: 954-630-4458
Email: albertc@oaklandparkfl.gov

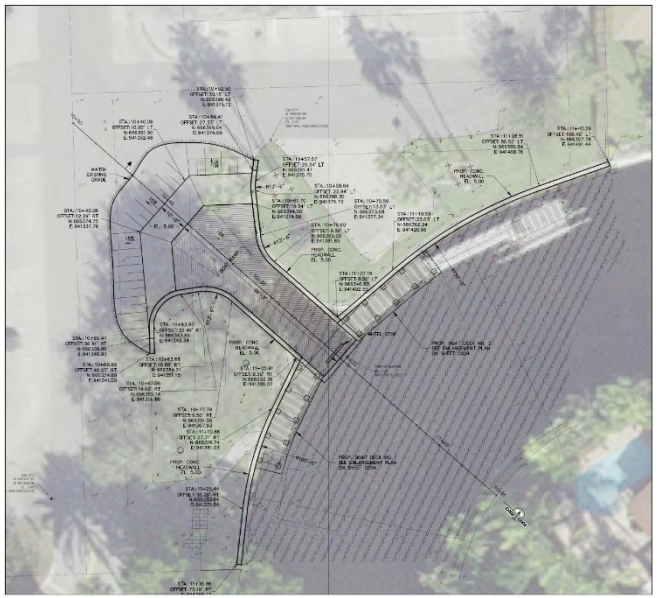
RJ Behar's Role:
Design and Construction Documents; Cost Estimating, Technical Specifications, Permitting, Utility Coordination and Bid Assistance

Project Started: *4/19/23*
Project Completed: *Ongoing*
Cost/Fees Paid: *$132,446*
Construction Cost: *$1,585,270 (Est.)*

The City of Oakland Park has requested **R.J. Behar & Company, Inc.** services for the repair and redesign of the Dewey Hawkins Landing Boat Ramp and Kayak Launch located at 2960 NE 12th Terrace, Oakland Park, Florida.

The scope included raising the seawall at the park/boat ramp area to meet the future Broward County elevation requirements, replacement of 2 Boat Docks, New Boat Ramp, Kayak Launch and Sea Wall work.

The scope of work includes: Field reviews; data collections; Design and Construction Documents; Cost Estimating; Technical Specifications; Permitting; Utility Coordination and Bid Assistance.


PROPOSED PLAN VIEW



Permits included:
- City Building Permit
- State Owned Land (TIITF) Permit
- South Florida Water Management Environmental Resource Permit.
- US Army Corp of Engineers (fill and dredge) Section 404.
- Broward County Aquatic and Wetland Resources License

Project Information	Project Scope

Pedestrian Bridge over the Biscayne Canal – City of North Miami, Florida

Client: *City of North Miami*
776 NE 125 Street
North Miami, FL 33161

Contact Person:
Mr. Kerrith Fiddler, CFM
Public Works Director
Tel: 305-893-6511, ext. 12501
Cell: 786-559-4940
Email: kfiddler@northmiamifl.gov

RJ Behar's Role:
Roadway & Structural Engineering

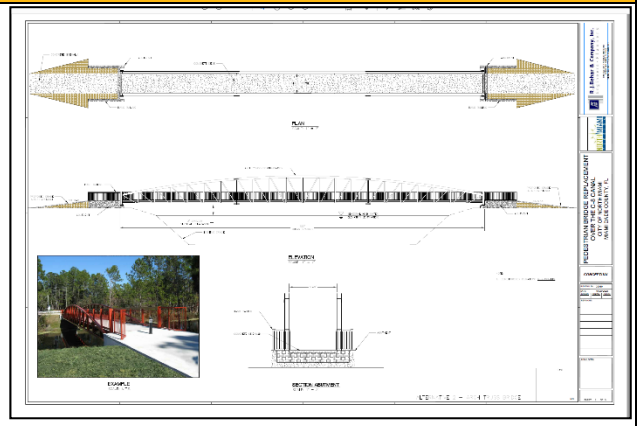
Project Started: *10/13/2020*
Project Completed: *5/2024*
Cost/Fees Paid: *$80,464*
Construction Cost: *$650,500 (Est)*

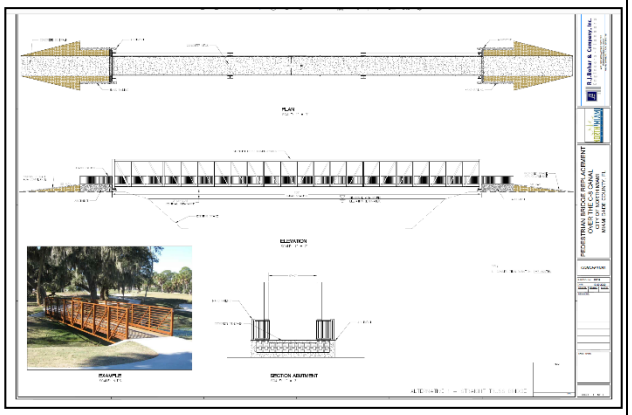


Old Bridge

The City of North Miami has determined the need to replace the existing Pedestrian Bridge over the South Florida Water Management District C-8 canal (Biscayne Canal).

The existing bridge is located between NE Second Avenue and Griffing Boulevard, approximately 1,400 feet south of the existing N.E. 135th Street vehicular bridge. The existing pedestrian bridge carries both pedestrians and utilities. The new pedestrian bridge will replace the existing pedestrian bridge in its entirety. All existing abandoned utilities currently mounted to the bridge will be removed and no allowance for future utilities will be accommodated on the new bridge.





The project design includes the following:

1. Roadway Design: Prepare roadway plans including general construction plan and profile sheets, typical sections, detail sheets, traffic control plans, erosion control details and plans.
2. Bridge Design: Investigate two alternatives considering span configuration, material type and foundation supports for the bridge main span crossing Biscayne Canal. Select main span bridge type, aesthetics, and layout. Determine abutments, retaining walls, and approach span layout for the preferred main span configuration. Prepare preliminary and final plans for the proposed bridge.

The scope of work also included utility coordination, permitting with SFWMD, FDEP State 404, and Building Department.

Project Information	Project Scope

Donaldson Park Parking Lot Lighting – City of Coconut Creek, Florida

Client: *City of Coconut Creek*
5295 Johnson Road
Coconut Creek, Florida 33073

Contact Person:
Mr. Brian Rosen
Project Manager
954-545-6614
Email: BRosen@coconutcreek.net

RJ Behar's Role: *Lighting Design and Plans*

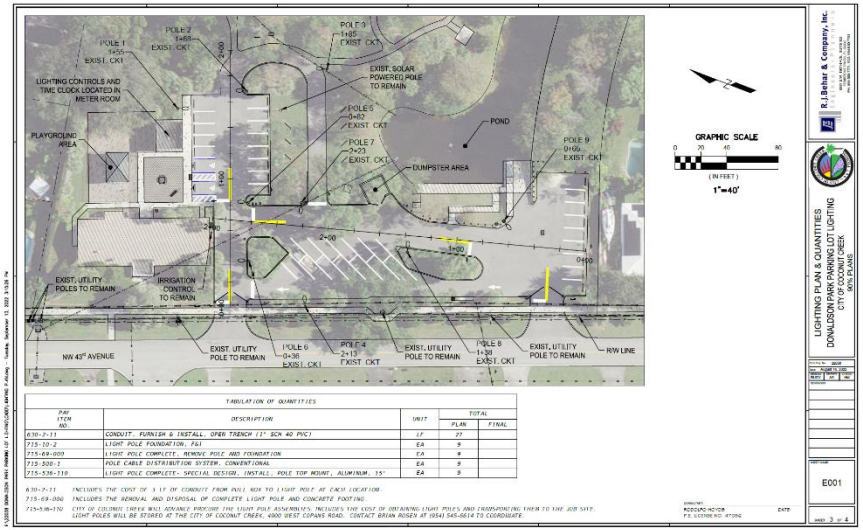
Project Started: *8/10/2022*
Project Completed: *3/21/2023*
Cost/Fees Paid: *$12,515*
Construction Cost: $TBD



The City identified needed lighting improvements at Donaldson Park. The park is located on NW 43rd Avenue, just south of NW 9th St. The project consists of replacing the existing lighting at the Park's parking lot.



RJ Behar conducted field reviews of the site area (no topographic survey was performed), coordinated with utilities, submitted and followed up permits, prepared plans, cost estimates and specifications for the improvements. The plans were prepared on aerial photography background. The existing lighting will be removed and replaced with Glaswerks Luminescent LED Hallbrook Luminaires at 12 ft mounting height using Rockford Harbor Aluminum Poles.



Project Information	Project Scope

Civil Engineering Reviews – City of Pembroke Pines, Florida

Client: *City of Pembroke Pines*
13975 Pembroke Road
Pembroke Pines, Florida 33027

Contact Person:
Mr. Karl Kennedy, PE
City Engineer
Tel: (954) 518-9040
E-mail: kkennedy@ppines.com

RJ Behar's Role: *Plans Review for Pavement Marking and Signing, and Signalization plans, and Construction Inspection of Miscellaneous Projects*

Project Started: *9/13/2021*
Project Completed: *9/30/2022*
Cost/Fees Paid: *$85,000 Yearly*
Construction Cost: *Not Applicable*

R.J. Behar & Company, Inc. (RJ Behar) provided professional engineering services. These services included plans review and inspection services.

The scope of the project included the following tasks:

1. Pavement Marking and Signing Plans:
   - Prepare a Summary of Quantities Sheet.
   - Prepare plan sheets for three intersection approaches.
   - Provide general notes and details.
2. Signalization Plans:
   - Prepare a Summary of Quantities Sheet.
   - Prepare general notes.
   - Prepare Plan Sheet.
   - Provide cost estimate.
   - Coordinate with Broward County Traffic Division.
3. Construction Inspection Miscellaneous Services for Pavement Marking and Signing:
   a. Poor reflectivity readings.
   b. Lane lines.
   c. Edge lines, stop bar, and turn arrows showing similar conditions of poor/inconsistent bead coverage.








Project Information	Project Scope
Interim City Engineer Services – City of Hallandale Beach, Florida	
Client: *City of Hallandale Beach* *630 NW 2nd Street* *Hallandale Beach, FL. 33009* ***Contact Person:*** *Mr. Jeff Odoms, MA, FAEM* *Public Works Director* *Public Works Department* *Tel: 954-457-1669* *Email: jodoms@hallandalebeachfl.gov* ***RJ Behar's Role:*** *City Engineer Services* ***Project Start:*** *3/2023* ***Project Complete:*** *9/2024* ***Cost/Fees Paid:*** *$164,599* ***Construction Cost:*** *N/A* 	***R.J. Behar & Company, Inc. (RJ Behar)*** *was contracted by the City of Hallandale Beach (City), as part of a miscellaneous engineering contract, to provide interim City Engineer Services.* *The scope of services includes, but will not be limited to the following groups of tasks:* *Group 1: Permits Reviews* ▪ *Review Engineering Permit Applications for all types of developments, including circulation, traffic studies, parking, paving, drainage, grading, traffic control, sidewalks, utility installations within the Right of Way, etc. in conformity with City of Hallandale Code of Ordinances and other regulatory agencies.* ▪ *Review of Capital Improvement Projects.* *Group 2: Developments Review* ▪ *Review Site Plans, Minor Reviews, Community Appearance Applications, and Variance Applications for their conformity with Engineering Standards of the Land Development Regulations, as requested by the Planning & Zoning Department.* ▪ *Attend Development Review Committee meetings as requested and scheduled by the Planning & Zoning Department.* ▪ *Attend Planning & Zoning Board Meetings as requested by the Planning & Zoning Department.* *Group 3: Inspections* ▪ *Perform final inspections for capital improvement projects as required for certifications of completion.* ▪ *Perform other inspections as requested by the Engineering Department.* *Group 4: General Consulting Services* ▪ *Provide advice and engineering consulting services and represent the City with regulatory agencies as requested by the Engineering Department.* ▪ *Represent the City in meetings with agencies such as the Florida Department of Transportation, Broward County, etc.* ▪ *Assist with review and management of consultants performing work for the City.*

Project Information	Project Scope

Matheson Hammock Park Bridge Rehabilitation CEI – Miami-Dade County, Florida

Client: *Miami-Dade County*
Department of Transportation and Public Works
701 NW 1st Court
Miami, FL 323136

Contact Person:
Mr. Christopher M. Yepez,
MDC-DTPW – Project Manager
Tel: (305) 302-5988
Email: Chistopher.yepez@miamidade.gov

RJ Behar's Role:
Construction Management and Inspection

Project Started: *12/21/2022*
Project Completed: *6/30/2024*
Cost/Fees Paid: *$151,537*
Construction Cost: *$504,000*

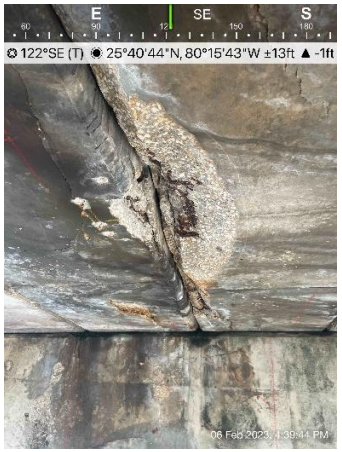
Project Length: *N/A*

R.J. Behar & Company, Inc. was contracted by Miami-Dade County to provide Construction Engineering and Inspection services for the rehabilitation of the Matheson Hammock Park Road bridge over the Matheson Hammock Canal (Bridge No 874294). The project location is 9610 Old Cutler Road Miami, Florida.

The existing bridge is a 100-foot three span, sonovoid slab bridge, approximately 35 feet wide. Work under the contract includes furnishing of all supervision, labor, materials, tools, equipment, and performing all operations required for structural rehabilitation of the bridge. It includes concrete spalls repairs, delamination and cracks, installation of Carbon Fiber Reinforced Polymer wraps and structural jacket around a designated column and removal and replacement of existing post-tensioned wires/bars/strands.







SECTION 5 – REFERENCES

List of Projects Performed for the City of Pompano Beach

- ***Lyons Park Neighborhood Improvement Project – Construction Management Services – City of Pompano Beach***

  Description: RJ Behar provided a full-time on-site representative to monitor the progress and quality of the work and to determine if the work is proceeding in accordance with the Contract Documents. Also, to issue all instructions of the City to Contractor(s); prepare change orders as required; make decisions on the interpretation of the Contract Documents on all claims of the Contractor relating to the execution and progress of the work, and review Contractors' applications for payment. RJ Behar also was responsible for conducting inspections to determine if the Project was substantially complete and the date of substantial completion, final inspection and assign a person during the construction phase to be the Community Liaison to answer and relate/resolve the community concerns. RJ Behar provided Post Design Services: review of shop drawings, attending meetings, responding to requests for information, preparing any necessary plan revisions, review of As-built drawings, coordinating public information and providing project certifications.

- ***Seawall Repairs at Indian Mound Park & Hillsboro Inlet Park – City of Pompano Beach***

  ***Description*:** RJ Behar was contracted by the City of Pompano Beach to provide engineering design services for seawall repairs at two local parks. A study was performed to obtain information on the existing subsurface conditions to assist in the design of the construction plans for the Indian Mound Seawall #2 repairs and Hillsboro Inlet Park. RJ Behar's responsibilities included project management, structural engineering, utility coordination, CAD support, sidewalk repair, and permitting. Additionally, RJ Behar provided coordination with survey and geotechnical as needed.

- ***SW 36th Avenue Pedestrian Bridge Path Local Agency Program (LAP) Project – City of Pompano Beach***

  Description: The project scope included the installation of a 5' sidewalk along the west right-of-way line of the corridor north of McNab Road to Palm Aire Drive, connecting portions of sidewalk along the east right-of-way line of the corridor, installing a pedestrian bridge over Broward County's Canal "A", and installing a pedestrian crosswalk at the intersection of SW 36th Avenue and Gateway Drive. RJ Behar provided roadway, MOT plans, utility coordination, LAP coordination with FDOT, coordination of structural design, permitting, specifications and estimates.

- ***Lyons Park Neighborhood Improvement Project Basis of Design Report (BODR) – City of Pompano Beach***

  Description: The Lyons Park Neighborhood is located west of South Cypress Road, north of McNab Road, east of South Flagler Avenue and south of Southwest 8th Street. The project area suffers from flooding problems as documented in the City Stormwater Master Plan (SWMP). This project intends to improve the drainage systems within the project area. The sanitary system is located in the back of the properties. One policy of the City of Pompano Beach's Comprehensive Plan was to identify the feasibility of implementing capital projects to relocate the sewer lines or to rehabilitate them in place. This studied the relocation of the sewers to the street's right-of-way. RJ Behar was contracted to perform a BODR to outline the scope for drainage as well as sanitary sewer improvements and to study alternatives for the improvements.

- ***Lyons Park Neighborhood Improvement Project – Final Design – City of Pompano Beach***

  Description: RJ Behar was contracted to provide final design of the selected improvements analyzed during the Basis of Design Report phase, which included new stormwater system with new outfalls, and relocating the sanitary system to the streets' rights-of-way. RJ Behar obtained all the permits for the project including the USACE and Broward County. The addition of new outfalls was challenging and required innovative approaches to be permitted.

- ***Sample Road Beautification Construction Engineering Inspection – City of Pompano Beach***

  Description: This City/FDOT project, which was funded by a grant from the Florida Highway Beautification Council, consisted of furnishing all labor, equipment, tools, and materials for the installation of irrigation systems, replacement of sod, and removal/installation of trees and shrubs. RJ Behar provided construction inspection services during construction.

- ***Lyons Park Neighborhood - Sanitary Sewer Pipe Bursting – City of Pompano Beach, Florida***

  Description: The City requested that sanitary sewer system for the Lyons Park Neighborhood be redesigned using the pipe bursting method to keep the sewers within their current location. The option was abandoned since there were lack of contractors willing to perform the project and the permitting agencies did not approve of the use of pipe bursting due to concerns to control grades on the new sewers. The local contractor performing this method could commit to control grades (slopes) of the new sewers.

SECTION 6

Project Team Form

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER 26-006

Federal I.D.# 65-0954070

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Robert J. Behar, PE	47	MSSE
Project Manager	Gregory Dover, PE	35	BSCE
Asst. Project Manager	Jossmel Cruz-Garcia, MSE, PE	8	MSSE
Other Key Member	Gerard Nazaire, Jr, PE, MSE	24	MSSE
Other Key Member	Esteban Aldana, EI	4	BSCE

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	Javier E. Bidot & Associates, Corp 1775 NW 30 Avenue, # 403, Pompano Beach, FL 33069	Javier E. Bidot, PSM
Landscaping		
Geotechnical/Testing Engineering	Tierra South Florida, Inc. 2765 Vista Parkway, Suite 10, West Palm Beach, FL 33411	Raj Krishnasamy, PE
Special Inspector Other Key Member	QuEST Engineering & Testing Services, Inc. 2737 NW 19th Street, Pompano Beach, FL 33069	R.N. Sailappan, PE
Other Key Member		
Other Key Member		
Other Key Member		

(use attachments if necessary)

SECTION 7

Organizational Chart

SECTION 7
Organizational Chart

CITY OF POMPANO BEACH

R.J.Behar Team

Availability: %

Principal in Charge – Q/C, Q/A
Robert J. Behar, MSE, PE 65%

Project Manager
Gregory Dover, PE 75%

Bridge Repair, Reconstruction, Replacement
Gregory Dover, PE 75%
Jerry Piccolo, PE 80%
Gerard Nazaire, PE, MSE 70%
Jossmel Cruz-Garcia, MSE, PE 70%
Esteban Aldana, EI 85%

Road Resurfacing
Paola Riveros, PE 65%
Erlis Fernandez 75%
David Hernandez 80%
Nanette Akyaz-Gómez, LEED AP 75%

Emergency Power Projects/Electrical Engineering
Carmelo J. Ramos, PE 70%
Gregory Dover, PE 75%
Jossmel Cruz-García, MSE, PE 70%

Miscellaneous Structures, Building Repair/Improvements
Gregory Dover, PE 75%
Jerry Piccolo, PE 80%
Jossmel Cruz-Garcia, MSE, PE 70%
Gerard Nazaire, PE, MSE 70%
Esteban Aldana, EI 85%
Hector Rosario, EI 65%

Parks/Recreational Facilities/Seawalls
Robert J. Behar, MSE, PE 65%
Hans Murzi, PE, CFM 80%
Jerry Piccolo, PE 80%
Jossmel Cruz-García, MSE, PE 70%
Elmer Cardenas, PE, CEI 70%
Nanette Akyaz-Gómez, LEED 75%

Structural Assessments
Nestor Santana, PE 80%
Jossmel Cruz Garcia, MSE, PE 70%
Logan Fasanella 85%
Esteban Aldana, EI 85%

Construction Engineering/ Management/Administration
Nestor Santana, PE 80%
Stacy Sookdew-Sing 75%
Alejandro Medina 70%
Logan Fasanella 85%
Renzo Sookdew-Sing 80%
Erick Rose 80%
Daynelys March 80%%
Esteban Aldana, EI 85%
Thalia Santana 80%

Permits
Hans Murzi, PE, CFM 80%
Elmer Cardenas, PE, CEI 70%
Hector Rosario, EI 65%
Andrea Sorensen 70%

Cost Estimates
Gregory Dover, PE 75%
Nestor Santana, PE 80%

Surveying Services – (JEBA)
Javier E. Bidot Cruz, PSM 25%
Daniel E. Bidot Betancourt, PSM 75%
Carlos M. Lebrón, PSM 50%

Structures Special Inspections – (RJB / QuEST)
Gregory Dover, PE 75% (RJB)
Jossmel Cruz-García, MSE, PE 70% (RJB)
R. N. Sailappan, PE 10% (QuEST)
Reza Javidan, PE 15% (QuEST)
Wilson Fernandez 20% (QuEST)

Geological Investigations & Material Testing, Roofing Repairs/Replacements TSFGEO/QuEST
Raj Krishnasamy, PE 35% (TSFGEO)
Kumar Vedula, PE 45% (TSFGEO)
R. N. Sailappan, PE 10% (QuEST)

Team Consultants:

R.J. Behar & Company, Inc. (RJB)
QuEST Engineering Services & Testing, Inc. (QuEST)
Javier E. Bidot & Associates, Corp (JEBA)
Tierra South Florida, Inc. (TSFGEO)

SECTION 8

Statement of Skills and Experience of Project Team

SECTION 8 – STATEMENT OF SKILLS AND EXPERIENCE OF THE PROJECT TEAM

FIRM QUALIFICATIONS

RJ Behar is best qualified to perform the services outlined in the RLI due to its diversified list of capabilities and qualifications including the following disciplines:

- *Structural Engineering*
- *Civil Engineering*
- *Hydrologic-Hydraulic Studies*
- *Bridge Hydraulics and Scour Analyses*
- *Sanitary Sewers and Water Distribution*
- *Drainage Design*
- *Injection Well Design*
- *Gates/Culverts/Spillways Design*
- *NPDES Permitting for Construction Activities*
- *Transportation Engineering & Planning*
- *Transportation Planning*
- *Site Planning and Engineering*
- *Environmental Permitting*
- *Construction Management and Inspection*

COMPANY AND PROFESSIONAL BACKGROUND

RJ Behar is an award-winning consulting firm with a wide range of expertise and qualifications. Our firm has grown to 42 employees. We are large enough to provide a variety of engineering services to multiple municipalities. Our steady growth has been based on providing quality services with a client service-oriented approach. Our mission is to understand our client's needs, applying the necessary resources to accomplish those needs, while building and maintaining long-term professional relationships with our clients. Since repeat business is the key to our success, we recognize the need to satisfy our clients.

RJ Behar has been providing professional engineering consulting services for over 26 years. We have successfully completed similar continuing professional consulting services contracts for various government agencies, such as Palm Beach County, Miami-Dade County, the Florida Department of Transportation (FDOT), South Florida Water Management District (SFWMD), Broward County, and the Cities of Delray Beach, Miami, Hialeah, South Miami, Pompano Beach, Hallandale Beach, Miami Gardens, Fort Lauderdale, Lauderdale Lakes, Lauderhill, Town of Davie, Town of Medley, Town of Cutler Bay, and the Village of Palmetto Bay.

On staff, we have 11 Professional Engineers, 2 Engineer Interns, and 9 CTQP certified Construction Engineering Inspectors, with a total of 42 employees available to assist the City - Please refer to our **Organizational Chart and Staff Resumes** for a complete listing of individuals and their qualifications.

CONTINUING SERVICE CONTRACTS

RJ Behar has ample experience in providing continuing consulting services on a task work order basis on services to governments agencies. We have developed procedures and spreadsheets to track and manage the assigned tasks. We provide monthly progress reports of each task with all information and issues that may affect schedules. We have specialized in municipal and public agency clients. We understand the governmental engineering process, the bid process, contract administration and working with city commissions associated with municipal engineering. The key to providing successful municipal engineering service includes being responsive, adapting to performing under short notice, learning to be an extension of the City's Staff, understanding of the City's budgetary constraints, being user friendly, delivering on our promise, working with City council/commission, providing quality products, and being cognizant of budgets and costs. The **RJ Behar** team offers with this response a qualified group of professionals ready to assist the City with the projects that could be developed under this contract for **Continuing Contract for Professional Structural Engineering Services – CCNA.**

STRUCTURAL EXPERIENCE

Our in-house structural design capabilities enable us to provide full design services for our clients. Our structural skills include: *Bridge Design (Minor/Major Bridges; New Bridges And Widening), Bridge Repairs and Complete Rehabilitation (Minor, Major and Bascule Bridges), Bridge Inspections (Minor, Major and Bascule Bridges), Box Culvert and Special Drainage Structure Designs, Mast Arm Design for Traffic Signals, Retaining Wall Systems, Seawalls, Overhead Sign Structures, Water Control*

Structures, Recreational Structures, Pedestrian Bridges, Pump Stations, Retaining Walls (Permanent and Temporary), Fender Systems and Buildings. Structural Plans Reviews were provided to the City of Lauderhill. Several projects were reviewed and commented on under this assignment, such as the first 8-unit building to be constructed as part of the Georgetown 320-unit new development.


Tobie Wilson Seawall

For the **Town of Medley Seawall Design at Tobie Wilson Park,** our services included field reviews, structural design, plans preparation, bidding assistance, ROW and ERP permitting with SFWMD, United States Army Corps of Engineers permitting, estimates of probable costs, technical specifications, and construction engineering inspection and management. **RJ Behar** also assisted with the grant preparation.

RJ Behar has provided services to Palm Beach County under our Annual Structures Contract for the past 20 years. **Mr. Jerry Piccolo, PE,** Senior Structural Engineer, has made many especially useful review comments on these projects and has effectively coordinated with the County and the design firms. We have provided cost effective plans for these small projects using photos with comments and sketches. Services have included *Bridge plans, bridge design calculations and bid item quantities were reviewed in detail. The roadway plans were reviewed to ensure that they were consistent with the bridge plans.*



RJ Behar provided structural design plans for McDonald Park Pedestrian Bridge, City of Hialeah, Florida. Services included project management, plans preparation, structural engineering, contract documents, permitting, shop drawing reviews, utility coordination and contract specifications services.

RJ Behar recently completed the bridge design for the project **SW 87th Avenue Over Canal C-100 for Miami-Dade County, Florida.** The scope of services consisted of the design to connect the south and north ends of SW 87th Avenue by constructing a new bridge over the SFWMD C-100 Canal. **RJ Behar** provided project management, design, prepared construction documents and assisted during the construction.

We completed evaluation of structural systems at recreation facilities such as Playground & Recreational Facilities at Betti Stradling Memorial Park, and Boat Ramp at Riverside Park for the City of Coral Springs; Structural Inspection & Survey and Report Services at Charles Deering Chinese Bridge, and Structural Inspection & Survey Metro Zoo Monorail for Miami-Dade County.


Gilbert Samson Park



Other structural projects include:

- *Hatton Highway Bridge Replacement over the Pahokee Water Control District's Canal No. 2, Palm Beach County Highway*
- *Drexel Road Bridge Replacement, Palm Beach County*
- *Cypress Weir Replacement, SFWMD*
- *Booster Stations Seawall Repair #1, Town of Medley*
- *Linton Boulevard Bascule Bridge Replacement, Palm Beach County Highway*
- *Miramar Town Center, City of Miramar*
- *5th Street Fire Station Mezzanine, Miami-Dade County*

- *Crandon Park Marina, Miami-Dade County*

Our services include the design of **Miscellaneous Structures FDOT Category 4.1.1 and qualify as Special Inspectors**. These have included mast arm evaluations and foundations such as mast arm signal design services at 19 intersection locations throughout the City of Oakland Park, several mast arm replacements in the City of Weston, design of mast arms for the I-95 at 6th Avenue South improvements and many others. Some of the mast arm designs have included special foundations to straddle existing utilities. Miscellaneous structures have also included box culvert designs such as several crossings along the Central Broward Water Control District N-12 Canal as part of the Pine Island Road improvements for Broward County and a 1,917 ft of a 10' X 5' box culvert as part of the SR-710 (Beeline Highway) improvements. **RJ Behar** has also designed a multitude of sign structures including complex overhead signs.


Cypress Weir

Other notable projects included:

- *Rehabilitation of the S-310 Navigational Lock of Lake Okeechobee*
- *S-5A Boat Ramp, kiosks, board walk, and sheet piling system*
- *S5A Pump Station Intake Bridge Repairs*
- *S40, S41 and S44 Gate Replacements and Concrete Repairs*
- *Cypress Weir No 1 Replacement*
- *Miramar Town Center Bridge/Culvert*
- *Spanish River Park Structures*

Water Structures Design

RJ Behar has extensive experience working with the City of Fort Lauderdale's Public Works Department on the structural rehabilitation and improvement of reinforced concrete buildings at critical water and wastewater facilities. Our team has successfully delivered multiple projects at the George T. Lohmeyer Regional Wastewater Treatment Facility, including the Pretreatment Building and the Off-Site Deep Injection Wells Control Building, as well as the D36 Sanitary Pump Station. Additionally, we provided design and construction support services for the Fiveash Water Treatment Plant, where we evaluated structural alternatives and developed plans for a new doorway to accommodate transformer replacement. Beyond our work with the City, **RJ Behar** has also completed numerous design and rehabilitation projects for the SFWMD, including spillway refurbishment, the design of water control structures, and pump stations. Furthermore, our team provided structural assessment and rehabilitation design services for the South Broward Drainage District, including evaluation and repair of a pump station control building and full replacement of the building's roof system. Our multidisciplinary team brings practical, detail-oriented solutions tailored to the complexities of water/wastewater infrastructure systems.



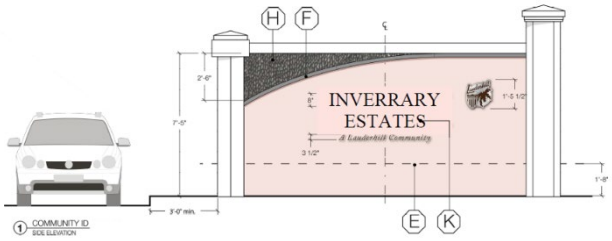


Conventional Bridge Inspection

RJ Behar has provided structural inspection and rehabilitation to bridges and other water structures for municipalities, FDOT, Florida Turnpike Enterprises, and SFWMD. The inspections included all the structural elements including piles, abutments, decks, concrete and metal railings. The services included inspection reports with details and sketches of the deficiencies, pictures and recommended repairs and costs. **RJ Behar** was part of a team to inspect, evaluate and provide reports for the **Existing Roadway Conditions Assessment Report (ERCAR) Florida Turnpike Roadside Improvements in St Lucie County.** The project included a roadway, **bridge**, drainage structures, signs, and miscellaneous components. The result of this assessment was a recommendation either for safety improvement or for the application of a variation or exception when criteria were not met. **RJ Behar** developed an ERCAR for a future project to mill, resurface and perform safety upgrades for the existing travel lanes, inside and outside shoulders and paved median openings. The work required a team including roadway, structural and drainage engineers to review all elements of the roadway segment.

RJ Behar was responsible for the **I-95 Bridge Repair from Miami-Dade to the Broward Countyline**. This project, for FDOT, included repair and upgrade of 16 bridges along I-95. The expansion joint seals at each bridge were replaced. The adjacent headers and steel armor angles were repaired as necessary. The project also included structural pile jackets, spall repairs, riprap repairs and a Class V finish. We designed signal mast arm structures for seven interchanges, colored coatings for beam and barrier fascia, designed cleaning, repaint and anti-graffiti coating for existing noise walls and provided quality control and peer review services for the roadway resurfacing plans. During construction, **RJ Behar** reviewed shop drawings, responded to RFIs, and assisted the CEI in making field decisions regarding the header repairs.

Noise/Sound Barriers



RJ Behar has experience designing privacy walls, MSE walls, and sound barriers for neighborhoods. For the City of Lauderhill, we were responsible for the design of the **Inverrary Estates Privacy Wall,** which consisted of the preparation of construction documents for the construction of approximately 2,750' of an 8-foot prefabricated privacy wall, similar in design and aesthetics as the existing wall west of NW 70th Avenue. The project included the continuation of landscape and irrigation design with a meandering sidewalk design to create landscaping opportunities as well as all related permitting and construction documents for the implementation of all improvements including geotechnical exploration bid and award support. **RJ Behar** was responsible for project management, design, utility coordination, permitting, cost estimating, and preparation of all construction documents.

We are currently working on the ***Pine Island Road from Nova Drive to Griffin Road Project*** for Broward County Highway Division, which is a complete street project. Evaluations were performed for the implementation of a noise wall along this highly residential neighborhood, as the roadway is being expanded from a four-lane road to a six-lane road. There are several challenges with this project including a wall due to the extensive existing landscape, overhead utilities throughout the project area, and the availability of the right-of-way.

CIVIL ENGINEERING


Bus Shelters
City of South Miami

RJ Behar has extensive experience in in Civil/Site Engineering. We have specialized in municipal and public agency clients. We understand the governmental engineering process, the bid process, contract administration and working with city commissions associated with municipal engineering. The key to providing successful municipal engineering service includes: being responsive, adapting to performing under short notice, learning to be an extension to the City's Staff, understanding of the City's budgetary constraints, being user friendly, delivering on our promise, working with city council/commission, providing quality products, and being cognizant of budgets and costs. **RJ Behar** has been involved in the following types of civil/site engineering projects:

- *Streetscape Planning and Design*
- *City Street Planning and Design*
- *Recreational Facility Design*
- *Design of Sanitary Sewer Systems*
- *Cost Estimating*
- *Water Distribution Design*
- *Structural Engineering*
- *Site Engineering*
- *Traffic Studies*
- *Neighborhood Studies*
- *Streets Resurfacing*
- *Funding Applications/LAP Certifications*
- *Grant Applications*
- *Contract Administration*

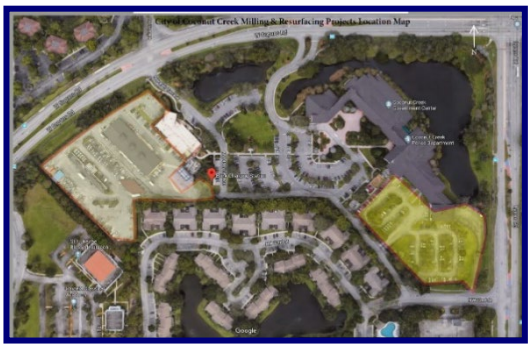
Project examples include:

- City of Hialeah Auxiliary Parking Lot
- JFK Library Parking Lot, City of Hialeah
- City of Laudrdale Lakes Bus Shelters
- Broward College Central Campus

Site Engineering/Planning

RJ Behar provides services in site planning ranging from small scale commercial site planning to master planning for mixed-use projects. We provide the design of paving; drainage, water distribution systems and sanitary sewer systems associated with land development projects. As an example, we provided **Bus Shelter Design** to the **City of South Miami. RJ Behar** provided the design of the civil engineering site plans for the installation of bus benches throughout the City. **Mr. Robert J. Behar, PE**, served as the Principal in Charge, responsible for the overall team performance and quality assurance of the different tasks.

Mr. Hans Murzi, PE was the Project Manager/Engineer of Record for the **City of Coconut Creek, Fleet and Parking Lots, Milling and Resurfacing**, in Broward County**.** The services included plan preparation, quantities and cost estimates. The improvements to each parking lot included the addition of curb to some grass islands, bollards to protect lighting poles, replacing existing sidewalk that was in bad condition, adding root barriers to the trees in the police parking lot, extending the existing concrete ramp at the gate of the police parking lot to make it less steep, providing a new 8' sidewalk on a green area located on the south east corner of the Public Works parking lot, replacing the existing rubber car stops, removing all anchors from the public works parking.



Water & Sewer Design

In the area of water distribution and wastewater collection, we have experience with a general engineering services contract for the Broward County Water and Wastewater Services Department, and we participated in the Waterworks program for the City of Fort Lauderdale. In these contracts, **RJ Behar** performed the design of water distribution systems, conversion of septic tank neighborhoods into wastewater collection systems, new pump station design, rehabilitation of existing lift stations, electrical and mechanical evaluations, preparation of Basis of Design Reports, review of master planning documents, evaluation of sites for communication towers, hydraulic analyses and calculations, as well as construction administration and observation services. For Palm Beach County, **RJ Behar** designed the relocation of 1,310 feet of 20-inch water main and 1,299 feet of 16-inch force main relocation as part of the Northlake Boulevard Bridge over the Loxahatchee Slough. The new water main and force main are located on the new bridge. **RJ Behar** prepared all the details and structural design to accommodate the new utilities on the bridge.

Pump Stations

Our experience with pump stations includes both sanitary pump stations and stormwater pump stations. For the SFWMD, we inspected more than 20 stormwater pump stations. These inspections included all the components including civil, structural, mechanical, and electrical systems. The inspection reports also included cost estimates of the necessary repairs. We have been involved in other pump station designs such as the I-95 Stormwater Pump Station for FDOT District 4, the FEMA mitigation stormwater pump station for the City of Hallandale Beach, the Bay Road stormwater pump station for the City of Miami Beach, the U.S. Army Corps of Engineers Pump Station 362 structural evaluation, and the City of Miami Riverview Pump Station New Generator Retrofit. For the Broward County Water and Wastewater Services Division, we completed design for the rehabilitation of two sanitary pump stations as part of the UAZ Zone 303 utility improvements project. **RJ Behar** can provide full support for pump station design including hydraulic design, site design, electrical, mechanical, and structural components.

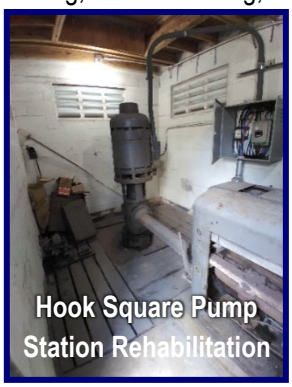


Permitting Agencies

Our experience with permitting includes all types of projects. In our SR-A1A project for FDOT, we had to permit the project with the Florida Department of Environmental Protection and the United States Army Corps of Engineers. The project was inside the coastal construction control line and included wetland (mangrove) impacts. We designed a mitigation project and coordinated it with a local municipality, which allowed them to enhance an existing park alongside the Intracoastal Waterway.

In the project, we also prepared the stormwater pollution prevention plans to comply with the NPDES permitting for construction activities. We prepared the fill and dredge plans, permitting and the mitigation site permitting.

RJ Behar currently serves as one of two firms as District Drainage Engineers (DDE) for the Central Broward Water Control District. As DDE, we review plats, applications for water management work permits, paving and drainage plans, as-built plans, and permit renewal applications for conformance with the District's drainage regulations, standards, procedures, and design criteria. **RJ Behar** also provides other services including drainage criteria, manual updates, special studies, data collection and monitoring, computer modeling, geographic information systems, master planning, design, permitting, cost estimating, construction inspection services, facilities financing, facilities operations and other services as directed by the District. Permit reviews are conducted and verified against District criteria. We also participate in the District Board Meetings as representative to the District.


Hook Square Pump Station Rehabilitation

RJ Behar's experience also includes the construction inspection and supervision of wetland and fill & dredge activities. We performed those services for the SFWMD at the **Deering Estates Flow-way Project**, which included construction of a man-made wetland for educational purposes. We also inspected the **Southern Crew Imperial River Restoration Phase 1 and 2**. Restoration activities included regrading existing filled and agricultural areas, filling ditches, and removing berms in accordance with the proposed restoration plan. The completed project provided shallow foraging habitat in the freshwater marsh areas and gentle side slopes on the deep-water depressions for tactile feeder wading birds, specifically the Wood Stork, white ibis, and roseate spoonbills. Additionally, the plan provided and maintained the existing Panther habitat. Existing Cypress areas remained, and exotic vegetation was removed.

Utility Coordination

We have experienced personnel ready to identify utility facilities and secure agreements, utility work schedules, and plans from the Utility Agency Owners (UAO) ensuring that no conflicts exist between utility facilities and the project. We will certify that all utility negotiations have been completed with arrangements made for utility work to be undertaken. We are familiar with the standard procedure involving a kick-off meeting, identifying all the Utility Agency Owners (UAOs) by means of a Sunshine One-Call Design Ticket, performing the initial contact (send plans and request mark-ups), second contact - send phase II plans and initiate the "utility design" to resolve conflicts, third contact - then request and review all utility agreements to make sure they conform to the design requirements. There may also be instances when "Utility Exceptions" are required when the UAO's facilities do not conform to one (or more) of the AASHTO's 13 controlling elements; our staff also has experience coordinating these with the UAOs. We will also conduct the utility design meeting to ensure that the proposed utility relocations conform to the plans. Although the key points of the utility coordination have been mentioned, our staff have been through the entire utility procedure for every design project.

Our approach includes: 1) obtaining all the utility information for the owners, 2) meeting with the utility owner's representative to address any pending issues as necessary, 3) obtaining accurate utility information, 4) coordinating required utility relocations and 5) obtaining utility clear letters from the utility owners who are not affected.

ELECTRICAL ENGINEERING

RJ Behar has also developed expertise in electrical and mechanical systems. Our team has the capabilities to design high voltage power distribution, and electrical design for commercial and residential facilities, as well as lighting systems. We can also perform electrical inspections of existing facilities and assist with projects during construction. In the area of mechanical design, we have experience with pump stations, ventilation systems, water control gates and joisting systems. **RJ Behar** provided project management, civil, electrical, mechanical, and structural engineering inspection services for 31 culverts, 13 pump stations, 13 spillways and 2 weirs as part of the **Structure Inspection Program (SIP)** for the SFWMD. The inspection reports also included estimates of costs for the repairs. Other projects include:

Some samples of electrical design projects include:

- *Riverview Pump Station New Generator, Fire Suppressant and Main Switch Disconnect, City of Miami*
- *Pedestrian Lighting Design along Coconut Parkway, Coconut Creek*
- *Public Works Surface Water License Modifications and Parking Lot Design – City of Hallandale*

- *Inverary Estates Privacy Walls Electrical Design of Irrigation Pumps*
- *City of Miami Riverview Stormwater Pump Station New Generator*
- *Copans Road Wastewater Transmission System New Magnetic Flow Meter*
- *I-75W2 Control Structure Electrical and Mechanical Design, SFWMD*



TRANSPORTATION/TRANSIT

Transportation Engineering was the foundation of **RJ Behar**. In approaching all transportation planning projects, we integrate the land use issues and transportation relationships to provide the proper balance between the travel modes and the operation of the facility, taking into consideration the social, environmental and engineering constraints, and available funding to provide innovative and practical solutions for our clients. We also recognize the importance of involving the public throughout our planning process to obtain meaningful solutions, which increases our chances towards a successful project. We strive to develop smooth flowing, pedestrian friendly transportation solutions for all our clients. We provide transportation engineering design services in the following areas: *Urban Roadway Design; Rural Roadway Design; Freeway Design (Limited Access Facilities); Intersection Improvement Design; Resurfacing Street Design; Pavement Marking and Signing Plans; Signalization Plans; Lighting Plans; Utility Coordination; Drainage Design and Permitting; Culvert Designs; Embankment earthwork calculations; and Public Involvement.*

Some samples of transportation planning services include:

- *NW 8th Street at Hallandale Beach Boulevard*
- *Transportation Master Plan, Traffic Counts, City of Hallandale Beach*
- *Palm Avenue Master Plan, Hialeah*
- *NW 7th/9th Connector Study, Fort Lauderdale*
- *NW 13th Street Master Plan, Fort Lauderdale*
- *US-1 Busway Study, Miami-Dade*
- *Gratigny Parkway Feasibility Study, Opa-Locka*
- *I-95 Downtown Feasibility Study*
- *Flagler Street Master Plan, Miami*
- *E. 1st Avenue Master Plan, Hialeah*

RJ Behar began as a roadway design firm and our primary expertise was roadway design, and most of our other areas of expertise came by way of this or by supplementing our roadway design capabilities. **RJ Behar** has developed significant expertise in the Transportation Planning and Traffic Engineering fields. We are remarkably familiar with all applicable policies, guidelines, regulations, and standards within these disciplines. **RJ Behar** was responsible for the final design of the reconstruction of a segment of NE 151st Street from west of US 1/SR 5 to Bay Vista Boulevard within the City of North Miami. NE 151st Street is primarily an east-west urban arterial, Miami-Dade County owned roadway, with a design speed of 40 mph. The proposed improvements provided an east-west roadway east of US 1. We were responsible for the roadway design, drainage design, signing and pavement markings, signalization, lighting, a 4-foot bicycle lane in both directions, wetland assessment, contamination assessment and overall utility coordination. NE 151st Street is an off-system roadway bound by the Florida Greenbook, for its design criteria. The scope of this project included a wetland delineation/assessment and contamination assessment. The drainage design for the project included a series of interconnected French drains with drainage wells. The design was especially challenging because of the presence of contamination in several parts of the project. The project was permitted by the SFWMD, the Miami Dade DERM and the USACOE.

RJ Behar is very aware of the features that a complete street may include, which are sidewalks, bike lanes (or other innovative bicycle facilities), special bus lanes, comfortable and accessible public transportation stops, frequent and safe crossing opportunities, median refuges, accessible pedestrian signals, landscaped curb extensions, bioswales, roundabouts, on-street parking, and secure bicycle parking, among others.

The RJ Behar Team is uniquely qualified to perform designs for complete streets. We have been using the same principles of the Complete Streets Guidelines in many of our projects. **Mr. Robert Behar was an original member and helped developed the American Society of Civil Engineers (ASCE) publication, Context Sensitive Highway Design Principles**

and he is currently a voting member of the Advisory Committee for the development of the Florida Green Book. The Context Sensitive Highway Design Principles is a collaborative, interdisciplinary approach, involving all stakeholders, to ensure that transportation projects are in harmony with communities and preserve environmental, scenic, aesthetic, and historic resources while maintaining safety and mobility. These principles were used in our following projects:

- *Powerline Road, Boca Raton – FDOT, District 4*
- *SR-A1A, Boynton to Lake Worth – FDOT, District 4*
- *Pine Island Rd. from Griffin to Nova Dr – Town of Davie*
- *NW 44th Street – City of Lauderdale Lakes*
- *SR-7/US-441 Lighting Plans – City of Lauderhill*
- *Miami River Greenways – City of Miami*
- *Broward County Greenways Master Plan – Broward County*
- *NE 15th Avenue Streetscape – City of Fort Lauderdale*
- *Palmetto Greenways – City of Boynton Beach*

CONSTRUCTION MANAGEMENT AND INSPECTION ENGINEERING

RJ Behar offers a full range of construction engineering services varying from providing Construction Engineering & Inspection (CEI) to providing on-call site engineering services for land development and municipal projects. Our proposed team members are all trained and certified through the FDOT Construction Training and Qualification Program Administration (CTQP) Program. They are familiar with the required contract provisions for construction contracts including all monitoring and reporting requirements, and contract and project billing documentation. **RJ Behar** provides both infrastructure inspection as well as building inspection services. Our construction management team includes licensed Threshold Inspectors. We are familiar with the required contract provisions for Federal-Aid construction contracts, including all monitoring and reporting requirements, contract and project billing documentation, and ensuring accurate and timely Local Agency reimbursement through FDOT. We have an in-house Senior Resident Compliance Specialist who handles all aspects of Davis-Bacon, EEO, OJT, wage, and salary, etc.

The key to our success in providing contract administration services includes *Proper interpretation of the construction bid documents; Maintaining detailed documentation throughout the Construction; Documenting change orders and quantity revisions, Documenting changes in field conditions, and Being Responsive.*



RJ Behar provided Construction Engineering and Inspection Services for **SE 15th Avenue Bridge Replacement Construction Engineering Inspection, LAP Project** for the City of Fort Lauderdale. The project scope included the complete replacement of the SE 15th Avenue Bridges that cross over the Marchetta River Bridge (No. 865766) and Carlotta River Bridge (No. 865767). The improvements included full bridge demolition and replacement, including a class 5 concrete finish coating on all exposed concrete surfaces, new traffic railing barrier with aluminum pedestrian-bicycle railings along both sides, bridge deck grooving, minor roadway reconstruction, milling and resurfacing, pavement marking and signage, slope stabilization, new utility relocations, lighting, and landscaping modifications. **RJ Behar** provided full CEI services including monitoring and reviewing all the federally required documentation. This was a **Local Agency Program (LAP)** construction project between the City of Fort Lauderdale and the FDOT, District 4.

RJ Behar has the knowledge to administer projects in many areas including preconstruction submittals, pre-activity meetings, shop drawing submittals, permit monitoring, material certification, RFI's, Notice of Intent (NOI), monthly estimates, and weekly/monthly documentation submittals. In addition, our internal SharePoint server is available on all team member cellphones, tablets, and laptops. The importance of timely documentation of unforeseen developments and experience to direct the contractor in accordance with standard industry practices is key in the success of this project. The City's Project Manager will be kept informed of all critical issues that may impact public safety, affect monetary aspects, or have potential to influence timely completion. We are fully committed to delivering effective and innovative engineering services to the City for this contract.


Vanderbilt Office Property
25 Year Inspection

Threshold Inspections are performed in accordance with a structural inspection plan prepared by the structural engineer or architect of record. These inspections are a law in Florida and are part of the Florida Statute under section 553.71. The definition of a threshold building is any building which is greater than 3 stories or 50 feet in height, or which has an "Assembly" occupancy classification that exceeds 5,000 sq. ft. in area and an occupant content of greater than 500 persons. In addition, the owner of a building which does not meet these minimum requirements may designate his building as a threshold building, subject to more than the minimum number of inspections required. To perform these inspections, you need a licensed engineer or architect with a certification as a "Special Inspector" of threshold buildings and the Board of Professional Engineers and of Architects has a list of all these inspectors. **RJ Behar** has provided threshold inspections in some of its contracts, including:

- *Vanderbilt Office Property – 25 Year Inspection – Broward County*
- *Spanish River Athletic Facility (formerly Countess de Hoernle Park) – City of Boca Raton*
- *Peters Elementary School – Threshold Inspection – Broward County*
- *40 Year Certification of 7960 Johnson Street, Pembroke Pines*
- *40 Year Certification of 225 Washington Avenue, Miami Beach*


Spanish River Athletic Facility

GRANT EXPERIENCE/FEDERALLY FUNDED PROJECTS

RJ Behar has experience working on Community Development Block Grant (CDBG) projects. We have completed several projects following these guidelines. We are very familiar with the requirements. The construction drawings need to comply with state and federal guidelines with respect to the American with Disabilities Act (ADA), as well as all local and county engineering requirements. **RJ Behar** was the Engineer of Record on the following CDBG projects:

- *NW 2nd Avenue from NW 4th Street to NW 5th Street – City of Hallandale Beach*
- *NW 9th Street, NW 2nd Avenue to N Dixie Highway – City of Hallandale Beach*
- *NE/NW 13th Street Streetscape – City of Fort Lauderdale*
- *NE 15th Avenue – City of Fort Lauderdale*
- *NW 44th Street Streetscape – City of Lauderdale Lakes*
- *Palm Avenue Streetscape – City of Hialeah*
- *W. 74th Street – City of Hialeah*
- *W. 33rd Street – City of Hialeah*
- *E. 1st Avenue – City of Hialeah*

Local Agency Program (LAP)

RJ Behar assisted several municipalities in obtaining FDOT certification for Local Agency Program (LAP) funding of capital projects. During the **last 18 years, RJ Behar has successfully completed 191 federally funded projects** administrated by the Federal Highway Administration (FHWA); Broward County Office of Economic Small Business Development (OESBD); Broward County Aviation Division (BCAD) with Federal Aviation Administration (FAA) and Federal Transportation Administration (FTA) funds; FDOT Local Agency Program (LAP) and American Recovery and Reinvestment Act (ARRA) funded projects. These projects have included all the parameters requested in this RFQ such as Davis-Bacon & Copeland Anti-kickbacks Act, Buy America, Monthly DBE Utilization Reports, EEOC Compliance, On-the-Job Training Requirements, Certified Payrolls, etc.

BIDDING SERVICES

RJ Behar has provided bidding assistance on municipal design projects. As the Engineer of Record, we check for the following:

- *Contract bid imbalances,*
- *Check that the bids will provide fair unit prices,*
- *Provide background checks on the successful bidder.*

COST ESTIMATES

RJ Behar performs cost estimates on all our design projects. We were selected to provide cost estimating services for the City of Sunrise. Under that contract, we performed cost estimating for park facilities, building improvements, roads, sports complexes, and schools. In our Construction Management Department, we constantly review construction cost estimates for

change orders and contract modifications and perform our own estimates for validating the contractor's proposals. Similarly, we have prepared cost estimates for the SFWMD for many structure and water resources projects from new construction to rehabilitation. We utilize cost data from different sources and, in addition, keep our own cost data from the projects in which we are involved. **Many members of RJ Behar's Staff have performed cost-estimating services, especially the senior staff.**

CITY MEETINGS/PUBLIC PRESENTATIONS

In many of our projects, we need to interact with the public. We make ourselves available to meet in the public's best scheduled hours and at their preferred locations. We have performed public information programs for the FDOT on our highway projects. We can prepare materials for presentations including digital presentations, boards, handouts, etc. and have scheduled public meetings, workshops, and meetings with officials, politicians, and public. In our previous projects, we have collaborated with staff members from different departments, service centers, constructions, operations, etc. and have successfully completed tasks in close coordination with staff.


Pine Island Road – Public Meeting

We have prepared Community Awareness Plans and Public Involvement Plans for sensitive projects. These plans identify the project stakeholders, community representatives, and City, County, and local officials. The plan also identifies the need for meetings, whether individually, in groups, or public meetings/workshops and the action plan. These meetings should then be included as part of the project schedule.

OUR SUBCONSULTANTS:

There is no learning curve with your subconsultants, as we have worked on numerous projects together for many years. They are responsive, flexible, and competent, The **RJ Behar** team consists of the following subconsultants:

Javier E. Bidot & Associates, Corp. is a land surveying, hydrographic, and utility mapping firm with offices in Caguas, Puerto Rico, Boca Raton, and Pompano Beach in Florida. In the last 25 years, JEBA has catered to federal, state and municipal government organizations as well as the private sector for large scale infrastructure, transportation, utility, topographic and engineering surveys. Besides Puerto Rico and Florida, it has performed select large scale projects in the US Virgin Islands.

Tierra South Florida, Inc. d/b/a TSFGeo, is a full-service consulting Geotechnical Engineering, Construction Materials Testing, and Inspections Firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and MicroStation plan sheets, laboratory soils testing, and construction engineering inspection services. Our professional team is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. Their services also include threshold/special inspection and roofing inspection services.

QuEST Engineering has the equipment and technical capabilities to provide concrete, masonry and soils testing, geotechnical drilling, and structural inspections. In addition, they have in-house equipment to conduct specialty tests such as paint thickness measurements, tests on fireproofing materials, corrosion studies, monitor ground vibrations (seismographs), sound analysis and light surveys. They also have the capabilities to perform roof inspections. This is the first time that **RJ Behar** is utilizing QuEST, but they are a local Company in Pompano Beach, and we are looking forward to this opportunity.

RJ Behar offers the City of Pompano Beach a team of expertly qualified professionals to perform on this Request for Letter of Interest to provide Continuing Contract for Professional Structural Engineering Services – CCNA.

SECTION 8 – STATEMENT OF SKILLS AND EXPERIENCE OF PROJECT TEAM

R.J. Behar & Company, Inc. (RJ Behar) has assembled an experienced team of individuals with redundancies and depth in key staffing positions. **RJ Behar** will assemble a project team whose experience specifically matches the services requested in the scope of work, adhere to our in-house Quality Assurance Program, establish a project schedule which will be monitored by our project manager, and maintain effective coordination with our internal staff as well as with the City. We provide a holistic approach towards planning and design, where we will involve members of the different disciplines involved in the project and conduct "Brainstorming Sessions" for the purpose of obtaining an optimum solution to the project. These sessions are intended to identify fatal flaws, value analysis, and to maintain compatibility amongst the different disciplines involved in the project. This holistic approach has been successful for all our projects.

Project Team Experience and Qualifications:

Robert J. Behar, PE – Principal in Charge/Quality Control & Quality Assurance: Mr. Behar provides vast experience in the planning, design, and management of transportation projects nationwide. He has a master's degree in Structural Engineering. He is RJ Behar's President and oversees the firm's full operation. Mr. Behar has over 47 years of experience. His project experience includes designing over 300 roadway projects incorporating "Complete Streets" attributes. Mr. Behar is currently a member of the Subcommittee for the development of the Complete Streets Chapter in the Florida Greenbook and is a voting member. His projects include preparing project budgets, schedules, developing specifications for labor and/or materials, plan alterations and/or modifications of existing transportation structures to improve safety or function, investigating traffic problems and supplying recommendations to improve traffic flow or safety and developing plans for surface transportation projects according to established engineering standards and state and federal construction policy. He also checks construction plans, design calculations, or cost estimations to ensure completeness, accuracy, or conformity to engineering standards or practices. *Pine Island Road from Griffin Road to Nova Drive MAP Funded Project; West 29th Street from West Okeechobee Road to West 4th Avenue LAP Project; SR-7/US-441 Citywide Pedestrian Safety LAP Project and NW 11th Place Lighting LAP Project.*

Mr. Gregory Dover, PE – Project Manager/Senior Structural Engineer/Bridge Engineer/Miscellaneous Structures: He has extensive experience as Project Manager/Engineer of Record (EOR) and Senior Structural Engineer for numerous bridge projects. His experience includes the design of new bridges, rehabilitation of bridges, including painting and rehab of steel bridges, rehabilitation of bridges over rivers and ocean; design and construction plans for bridges over canals; also design of water structures, roadway signs, retaining walls and platforms for pump stations. Mr. Dover has provided structural inspections for 40-Year Building Structural Recertification, following the Building Department Minimum Inspection Procedural Guidelines of cities. He has provided quality control reviews of Bridge Design Reports (BDR), and construction plans to replace existing bridges. Mr. Dover is knowledgeable of the FDOT guidelines for design and construction codes, regulations, and standards to follow for the construction of concrete and steel bridges. He has also participated in county and city projects. His proactive management and prompt responses are an asset to any client. Mr. Dover is currently working on the following projects: *Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County; Pedestrian Bridge over the Biscayne Canal – City of North Miami; and 40 Year Certification of 7960 Johnson Street – City of Pembroke Pines.*

Jerry Piccolo, PE – Senior Structural Engineer/Bridge Engineer/Miscellaneous Structures: He has over 48 years of structural engineering experience. He is an expert in the design, construction, and maintenance of all types of bridges, miscellaneous highway structures, retaining walls, water control structures, small buildings, and marine structures. He was responsible for the inspection and maintenance of 800 bridges in FDOT District 4 during the 1980's. He was responsible for the approval of all shop drawings for the Skyway Bridge in Tampa, which is Florida's most complex bridge. Mr. Piccolo has been the Engineer of Record on over 50 FDOT roadway and bridge design projects and numerous Palm Beach County bridge design projects. He was the first FDOT Bridge Engineer to design a bridge to withstand a ship impact (Choctawhatchee Bay Bridge) and the first to design a curved steel box girder superstructure (Thomasville Road Flyover). He is well-versed in what it takes to coordinate an effort such as the request under this contract. Some of his projects include: *Structural Annual Contract - Palm Beach County; Booster Stations Seawall Repair #1, Town of Medley; Peanut Island Boat Dock & Fishing Pier, Palm Beach County; and Hatton Highway Bridge Replacement over the Pahokee Water Control District's Canal NO. 2.*

Jossmel Cruz Garcia, MS, PE – Bridge/Miscellaneous Structures: He is an experienced structural engineer. He performs project management duties, as well as Engineer-of-Record duties while mentoring and training staff. He works directly with clients in pursuing upcoming projects. His experience has included the design of water control structures; miscellaneous

structures; signal mast arm foundations; seawall design and rehabilitation; and development of structural applications of metallic, non-metallic, and composite materials, retaining walls, and special spread footer foundations. Additionally, he has recent design-build experience in direct construction support for field change requests, contractor requests for information (RFI), and utility conflict resolution. His project experience includes *SW 87th Avenue Bridge over Canal C-100 – Miami-Dade County; Materials Storage Facility at Water Treatment Plant – Village of Palm Springs; Cypress Weir 1 (Gold4A) Relocation Design, SFWMD; Paint Two Bridges of Turnpike Main Line over CR 709, St. Lucie County.*

Gerard Nazaire, Jr., MS, PE, – Bridge/Miscellaneous Structures: He is a senior civil and structural engineer with over 24 years of structural and bridge design experience. His experience includes the design of new bridges, bridge repairs and/or replacement for bridges over land, canals, ocean, and railroad bridges. Mr. Nazaire's structural design incorporates MSE walls, and structural analysis of telecommunication towers. He has performed 3-D modeling of steel frame structures facilitating repairs of damaged piers over the ocean; also, for cable-stayed pedestrian bridges using LARSA software to obtain stresses in the cables and reactions at the supports. He is currently providing structural analysis and design of the control building for the construction of a new, and remotely operated, water control structure in the alignment of the I-75 Canal. His software expertise includes LEAP Bridge Concrete, FB Pier, STAAD, MathCAD, Shoring Suite, CWALSH, Open Bridge Modeler, Geopak, Microstation, Auto Cad, and Microsoft Office. *Pedestrian Bridge over the Biscayne Canal – City of North Miami; I-95/SR 9 Interchange at 6th Avenue South.*

Paola Riveros, PE – Vice President/Senior Highway Designer: She has 24 years of highway design experience and has managed several FDOT, District 4 roadway design projects, not only in the capacity of Project Manager but also as Lead Highway Designer. Her experience includes roadway design as well as drainage design of stormwater management projects. She is responsible for geometric design of major interstate interchanges, freeway design, and major arterials. Ms. Riveros incorporates field reviews, reviews of the approved preliminary engineering report, typical section packages, traffic technical memorandum and proposed geometric design alignment to identify proposed improvements, sign placements and roadway pavement markings and performs queue analysis for all turning lanes. She performs traffic data analyses including signal operation plans, intersection geometry, local signal timings, pre-emption phasing and timings, forecasting traffic and intersection analysis runs for all signalization projects. She performs proper coordination for the timing plans including splits, force offs, offsets, and preparation of Time Space Diagram. She is well-versed in the use of AdICPR, ASAD and HEC-RAS for stormwater and hydraulic design and Geopak software for roadway design and electronic delivery of FDOT plans. Her responsibilities have included the preparation of drawings in MicroStation Open Roads, AutoCAD, and Civil 3D. Some of her projects include: *Cresthaven Boulevard from Jog Road to Military Trail Local Agency Probram (LAP) Project; Port St. Lucie Boulevard from Becker Road to Paar Drive, and I-95 at 6th Avenue Interchange Design.*

Hans Murzi, PE, CFM – Drainage Engineer/Permitting: Mr. Murzi has 23 years of civil engineering experience. He is a water resources engineer with expertise in hydrologic/hydraulic analysis and modeling of rivers and flood control systems, natural resources restoration projects and watershed management. Mr. Murzi is a Certified Floodplain Manager and has been project manager on several municipal projects in Broward County. He is experienced in the use of several computer programs such as XPSWMM, HEC-RAS, AdICPR, MIKE SHE/MIKE 11, ASAD, ArcGIS. Mr. Murzi is also a member of the ACEC-FL Water Resources Committee. He serves as one of two District Drainage Engineers for the ***Central Broward Water Control District***. He recently was the Deputy Project Manager for the Town of Davie Oakhill Culvert Replacement and the Drainage study for Area West of Hiatus Road. The project included replacing the sewer system and waterline relocations. He has prepared numerous permit packages for environmental resource permits and the U.S. Army Corps of Engineers Section 404 and 408 permits. His recent projects include *48-Year CDBG NW 9th Street between NE 2nd Avenue and N. Dixie Highway; Pedestrian Bridge over the Biscayne Canal LAP Project; Drainage Improvements at 4 Locations with Repetitive Losses.*

Elmer Cardenas, PE, CEI – Certified Environmental Inspector/Minor Highway Design: Mr. Cardenas has 38 years of civil and environmental engineering experience. He has extensive experience in environmental engineering and utility projects and has designed and supervised construction of water distribution systems and drinking wells. He has experience with the use of Environmental models: SWMM (stormwater management model), and HSSM (hydrocarbon spill screening model) and hydraulic models AdICPR, ASAD and HEC-RAS. Mr. Cardenas is a Certified Environmental Inspector and has prepared numerous environmental site assessments. His experience includes preparation of Contamination Assessment Reports (CSER), preparation of Groundwater Monitoring Plans, solid waste facilities permitting, inspected asbestos abatement operations, and monitoring daily operations for contaminated soils remediation. *SW 25th Street Complete Streetscape*

Improvements; Pine Island Road from Griffin Road to Nova Drive Mobility Advancement Program (MAP); Stormwater Management Master Plan (SWMMP) Update, City of North Miami.

Mr. Carmelo J. Ramos, MS, PE, Electrical Engineering with experience in planning, design, construction, alteration, maintenance, repairs, and life cycle support of building assets. He has 14 years of experience with high voltage power distribution, electrical design for commercial, residential, and military facilities. At **RJ Behar**, he provides support with electrical and lighting design of sites and building facilities. He is proficient in the software skills of IBM Maximo, AutoCAD, Solid Work, Microsoft Office, and multiple Project Management Programs. His engineering experience includes design of electrical components/controls of water control facilities, pump stations, wastewater transmissions, generators, and lighting designs. Training includes Florida Building Code, Florida 471, Project Management, Lean Six Sigma Green Belt, Lead Testing Engineer, NFPA 70E, OSHA Training. Project experience includes *Hook Square Pump House Replacement; Public Works Surface Water License Modifications and Parking Lot Design; SW 87th Avenue Bridge over C-100 Canal; S-135 By-pass Culvert and Dike Repairs; and 40 Year Certification 225 Washington Avenue – City of Miami Beach.*

Nestor Santana, PE – Cost Estimator/Structural Assessments/Construction Manager: He has 30 years of experience in civil construction management for new construction and remedial projects of water/wastewater modernization programs of existing structures for the educational, pharmaceutical, sports and recreation, commercial sectors, and roadway. Mr. Santana brings specific relevant experience in civil work projects related to construction of roadways, structures (concrete and steel), pumping stations, spillways, culverts, bridges, as well as site preparation to find technical solutions under difficult soil, foundation, and climatic conditions. He possess the FDOT Advanced Temporary Traffic Control Plans as well as FDOT Construction Training & Qualification Program (CTQP) certifications. His recent projects include*: Dillman Trail from Forest Hill Boulevard to Dillman Road Local Agency Program (LAP) Project; South Royal Poinciana Stormwater & Roadway Improvement Project; S-135 By-Pass Culvert Abandonment and Dike Repairs – Cost Estimator.*

Stacy Sookdew-Sing – Project Administrator/Senior Compliance Specialist: She has 21 years of experience as a project administrator, contract support specialist, senior resident compliance specialist, as well as a public information officer and inspector on a variety of projects throughout Miami-Dade, Broward, and Palm Beach Counties for the FDOT and local agencies. She received the "Professional Manager of the Year" award for stormwater projects from the American Public Works Association (South Florida Chapter) in recognition of her professionalism and performance in the management of the Manta Drive Roadway Improvements project for the Town of Cutler Bay. She has experience with site-management entries, monthly and final estimates, preparing and processing weekly reports, progress reports, and standard weather letters, as well as reviewing quantities and as-builts. Ms. Sookdew-Sing has prepared close-out packages, attended and managed meeting minutes, performed document control, data entries and monthly invoices utilizing the appropriate electronic data management system for each task. Her project experience includes *Project Administrator/Compliance Specialist, Continuing Professional Services – City of West Palm Beach; Dillman Trail LAP Project; South Royal Poinciana LAP Project; Safe Routes to School LAP Project.*

OUR SUBCONSULTANTS:

Javier E. Bidot & Associates, Corp

Mr. Javier E. Bidot, PSM – President – Professional Surveyor and Mapper with 32 years of experience**.** Mr. Bidot has headed as Project Principal and Survey Technical Leader of many of the largest, most emblematic survey projects in Puerto Rico, USVI and Florida. From the layout of track at the only rail project on the island of Puerto Rico to executing complex Real Estate and Land Acquisition Surveys for the US Corps of Engineers, the National Park Service, the Puerto Rico Electric Power Authority and others. With over twenty years of Federal Government survey experience as a contractor at different levels, Mr. Bidot also has been admitted to the local Court Circuit as an expert witness in numerous civil cases. His professional experience includes land development and construction management, contractor dispute resolution, as well as the scheduling of major residential and infrastructure projects. Mr. Bidot is U.T.A. Certified Advanced Professional Utility Locator, Hypack and Boat Operator Certified. Active Member of Florida Surveyors and Mappers Association (FSMS), Puerto Rico Engineers and Land Surveyors Association (CIAPR), National Society of Professional Surveyors (NSPS), and New York State Association of Professional Land Surveyors (NYAPLS).

QuEST Engneering Services & Testing, Inc.

Mr. R. N. Sailappan, PE – President. Mr. Sailappan has over 35 years of engineering experience. Mr. Sailappan holds a master's degree in civil engineering. His experience includes roadways, utilities, public facilities, commercial projects, residential projects, stadiums and arenas, providing construction materials testing, geotechnical engineering, structural inspections, forensic repair designs, wind load evaluations as well as engineering consultations with regard to roofing, ground vibrations, light and sound analysis.

Tierra South Florida, Inc.

Mr. Raj Krishnasamy, P.E. – President and Principal Engineer of TSFGeo. Mr. Krishnasamy is a Florida Registered Professional Engineer with more than 38 years of engineering experience. He has extensive experience as Project Manager and QA/QC Officer for geotechnical engineering and CMT projects and has successfully completed over 5,000 public and private projects that includes 175 Express Segments A, B, C and D, FDOT projects, and Fort Lauderdale-Hollywood International Airport's South Runway Expansion (featuring the largest MSE wall in Florida).

CLIENT:
Florida's Turnpike Enterprise
Milepost 263, Building 5315
Ocoee, FL 34761

Ms. Ruby Monsalve, PE,
Project Manager
Tel: (407) 264-3005
E-mail:
Ruby.Monsalve@dot.state.fl.us

RJ BEHAR'S ROLE:
Bridge inspection and evaluations, rehabilitation design and TTCP plans

PROJECT STARTED: *12/05/2018*
PROJECT COMPLETED: *8/31/2022*
COST/FEES PAID: *$81,125.00*
CONSTRUCTION COST:
$986,274.00 (Estimate)
CONSTRUCTION STARTED:
9/16/2022
CONSTRUCTION COMPLETED:
6/23/2023

RJ BEHAR'S KEY PERSONNEL:
Juan H. Vazquez, PE, PH, BCEE
Project Manager

Jose Peña, PE
Structural Engineer/Engineer of Record

Jasmani Riveron PE
Utility Coordination

Jossmel Cruz, EI
Structural Designer

Hector Rosario, EI
Project Engineer

Michelle Leon, EI
Project Engineer

Angel Marinez
Engineer Technician

Andrea Sorenson
Engineer Technician

Eduardo Curiel
Senior Engineer

The purpose of this Task Work Order (TWO) No. 2 was to prepare construction plans and specification package to facilitate the repainting of the structural steel components and the recoating of the concrete surfaces of the bridges and adjacent walls located on SR 91 (Florida's Turnpike) over the Rim Ditch Canal in St. Lucie County. The project was needed to prevent future corrosion of the structural steel as per Florida's Turnpike Enterprise bridge rehabilitation painting program.

The two bridges are:

- *940049 - SR 91 SB over Rim Ditch Canal C-24 (MP 142.2); 6-span steel plate I-girders*
- *940082 - SR 91 NB over Rim Ditch Canal C-24 (MP 142.2); 6-span steel plate I-girders*

The scope of work included performing inspections of the two bridges, preparing bridge plans for repainting and repairing concrete spalls, preparing Traffic Control Plans, coordinating environmental evaluations and bat evaluations, coordination with utilities, preparing utility certifications, cost estimates and specification packages.







CLIENT:
South Florida Water Management District (SFWMD)
3301 Gun Club Road
West Palm Beach, Florida 33416

Ms. Jennifer McKim
Project Manager
Tel: (561) 682-2571
E-mail: jmckim@sfwmd.gov

RJ BEHAR'S ROLE:
Construction Management Services

PROJECT STARTED: *06/03/2021*
PROJECT COMPLETED:
06/23/20222
COST/FEES PAID: *$296,216*
CONSTRUCTION COST:
$3,074,891

PROJECT #: *4600003087-WO8*

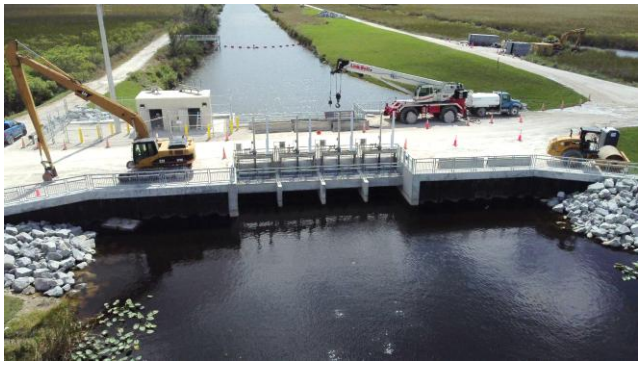
RJ BEHAR'S KEY PERSONNEL:
Juan H. Vazquez, PE, PH, BCEE
Principal in Charge

Nestor Santana, PE
Construction Manager

Eduardo Curiel
Project Inspector



The project consisted of the removal of six 7' by 98' corrugated metal pipes, along with the existing wood deck structure, existing gates, fencing, stilling wells, staff gauges, rain gauge, etc.; construction of four (4) cast in place concrete 8' wide by 8'high by 36' long box culverts with wing walls, stop log recesses, remote-controlled stainless-steel gates, stilling wells, relocation of existing staff gauges, concrete platforms, LP tank, fencing, gates, new precast control building for system controls and generator. RJ Behar provided an on-site representative to observe and document the construction. RJ Behar responsibilities included construction planning, cost control, time management, quality control, construction contract administration, and CM professional practice which includes specific activities like defining the responsibilities and management structure of the construction management team, organizing and leading construction by implementing project controls, defining roles and responsibilities and developing communication protocols, and identifying elements of project design and construction likely to give rise to disputes and claims.











CLIENT:
Town of Davie
Mr. Jonathan Vogt, PE
Town Engineer
8800 SW 36th Street
Davie, FL 33314
Tel: (954) 797-1137
E-mail: JVogt@davie-fl.gov

RJ BEHAR'S ROLE: *Traffic, Roadway, Civil, Structural Engineering Services and Construction Management Services*

PROJECT STARTED: *2005*
PROJECT COMPLETED: *Ongoing*
COST/FEES PAID: *$2.5 million*
CONSTRUCTION COST: *>$15 million*

RJ BEHAR'S KEY PERSONNEL:
Robert J. Behar, PE
Principal in Charge

Paola Riveros, PE
Project Manager

Hans Murzi, PE, CFM
Project Manager

Greg Dover, PE
Sr. Structural Engineer

Nestor Santana, PE
CMS/CEI Services



R.J. Behar & Company, Inc. (RJ Behar) has provided professional services for miscellaneous engineering projects to the Town of Davie since the year 2005.

RJ Behar has provided full design services for Land Development / Civil Site, Transportation Planning, Drainage Engineering Services and Construction Inspection. Projects have included:

- *Preparation of LAP Agreement*
- *Review of SW 61st ST/SW 38 Ct Roundabout*
- *Review of SW 136 Ave / SW 14 St & Shotgun Rd /South Post Rd Roundabout*
- *Wal-Mart Traffic Study*
- *Davie In-House Support Staff*
- *Land Use Amendment Plan - Traffic Study*
- *Devine Park Design Services*
- *Old Davie School Improvements*
- *118th Avenue Multi-Use Trail*
- *Nob Hill Trail Crossing*
- *Biological Study for the 118th Ave Trail*
- *Sunny Lakes Park Expansion*
- *Potters Park*
- *Linear Park at SW 142 Ave & Orange Drive*
- *Davie Road Phase 2 CEI*
- *Nova Drive CEI*
- *Oakhill Culvert Replacement SW 142 and SW 17th St*
- *Stormwater Improvements Area West of Hiatus Road (Little Country Estates & Grove Estates)*
- *Stormwater Improvements Area West of Hiatus Road Phase II*
- *SW 58 Street Roadway Improvements*
- *Pine Island Road Realignment in the Vicinity of Bamford Park*
- *Little Country Estates Drainage Study New Pond*
- *Little Country Estates Drainage Construction Inspection Services*
- *Grant Manager Assistance*
- *Planning and Conceptual Study at SW 61 Avenue*
- *Planning and Conceptual Study at SW 30 Street*







Project: Lyons Road Drainage Improvements Project

Project Owner: R.J Behar & Company, Inc - Mr. Hans Murzi, PE- 954.680.7771; hmurzi@rjbehar.com

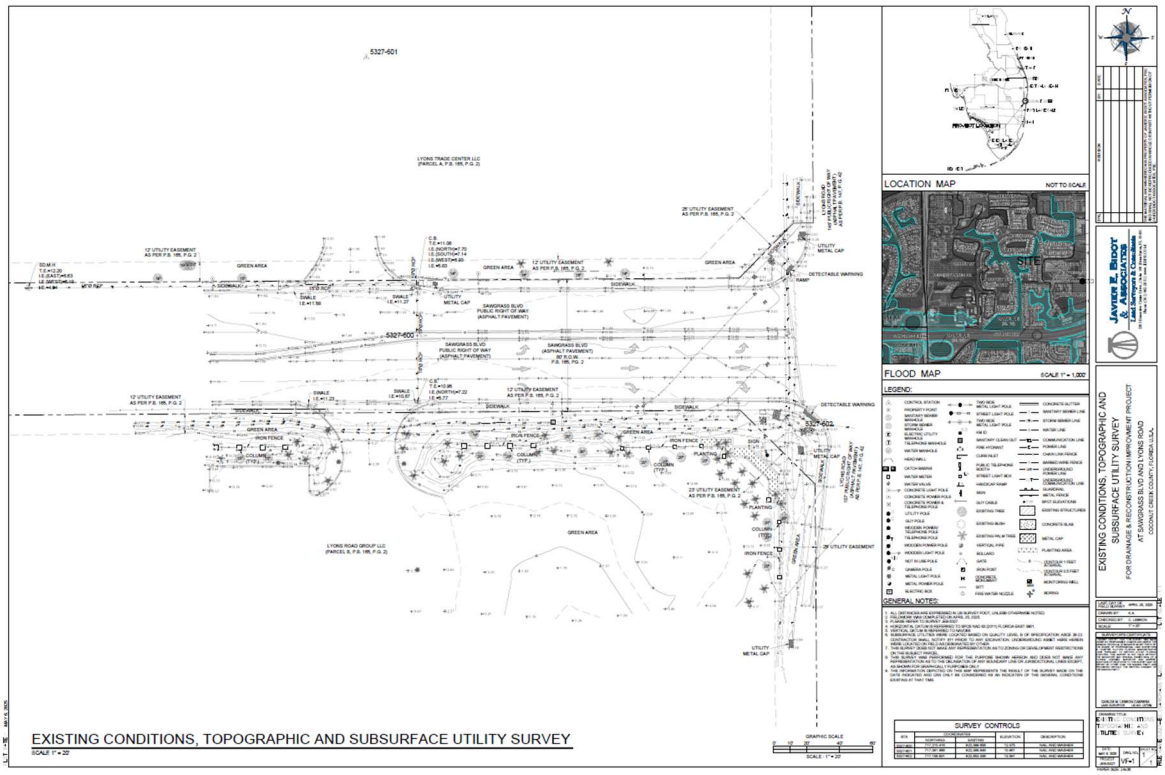
Schedule: 2025

Contract Amount: USD 21,550

Description: The work consisted of performing a comprehensive survey in support of the P&S engineering design for various drainage and reconstruction projects, City of Coconut Creek, FL. Areas were limited to NW 20st & Lyons Rd; Sawgrass Blvd & Lyon Rd; and Regency Lakes & SR-7 Rd.

Tasks included were:

- Existing Conditions Survey
- Topographic Survey
- Property Lines and Public Right of Way
- Utility Location and Identification Survey
- Non-destructive Excavation for Utility Confirmation



Project: New North River Canal Conveyance Improvement Project Construction Management Services Contract in Palm Beach County

Project Owner: Arcadis US, INC/ SFWMD - Mr. Paul Walansky, PE- 561.697.2020; paul.walansky@arcadis.com

Schedule: 2024-current

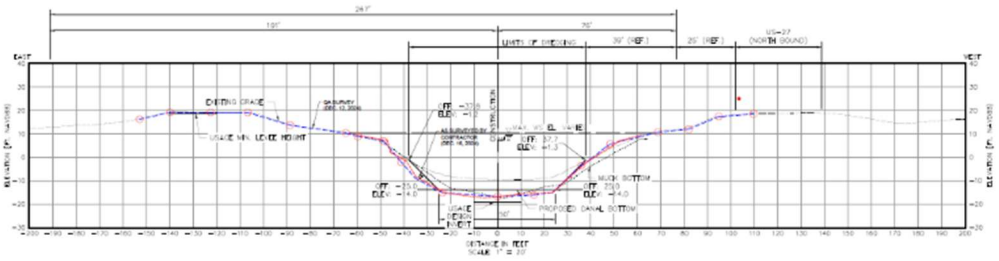
Contract Amount: USD 277,000

Description: The South Florida Water Management District (District) requires the support of consultants to augment staff in the construction management of the North New River (NNR) Canal Conveyance Improvement Project.

This Project consists of the construction of Canal Conveyance improvements including hydraulic dredging and mechanical side-slope excavation allowing for an additional 200 cfs capacity in the North New River Canal.

Arcadis US has retained JEBA for topographic and hydrographic survey services in support of the NNR Improvement Project. Survey work includes:

- Hydrographic Survey Support to the District Project Manager (DPM) for construction inspection and expansion of the Nort New River Canal Improvement Project.
- Quantity verification in consultation with DPM of excavation and for inspection of work partially or fully completed by the contractor of the NNR Project.
- Establish QA construction control points for verification and survey support to the DPM.
- Topographic support at designated areas and cross sections for grade inspection, depth and elevation requirement inspections as well as for payment purposes.
- Provide professional survey consultation support to the DPM and attend construction and survey meetings as requested.



Project: C-18W Impoundment Project Palm Beach County, Florida

Project Owner: Arcadis US, INC/ SFWMD / US Corps of Engineers- Mr. Paul Walansky, PE- 561.697.2020; paul.walansky@arcadis.com

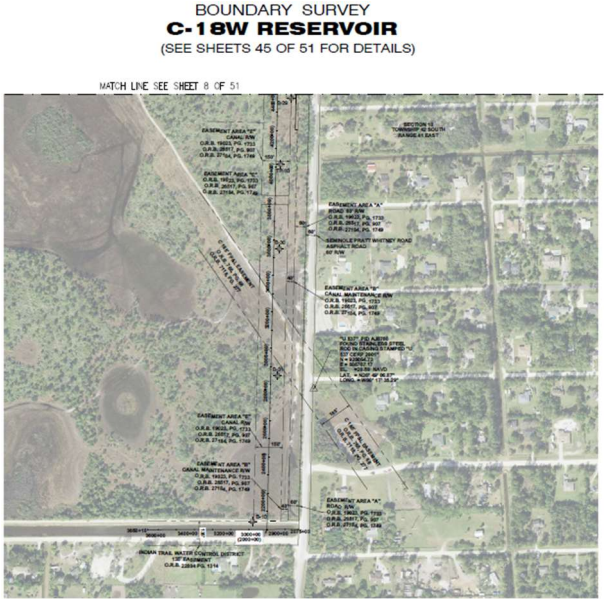
Schedule: 2023-current

Contract Amount: USD 522,904

Description: Boundary, Topographic, Hydrographic and Existing Conditions Survey for the C-18W Impoundment Project.

The Survey Project consists of the Boundary Plans & Specifications record survey for the design of the C18W Impoundment in Palm Beach County. The C18W Impoundment is part of the Loxathatchee River restoration project, which intends to provide constant, calibrated water flows to this portion of the Everglades ecosystem.

The project is a high hazard facility (EM 1110-2-1156, Hazard Potential Classification), due to the potential loss of life if the facility were to fail.



The C18 task survey work included the following:

- Geodetic control survey and recovery of new and existing survey control monuments.
- Automated dual frequency hydrographic (bathymetric) survey of lakes, the C18 Canal and other bodies of water.
- The boundary survey and recovery of monuments per Florida Statutes.
- The evaluation of record surveys, remote sensing data and newly acquired topographic and hydrographic data for Digital Elevation Model preparation.
- The remote sensing (LiDAR) survey of overhead utility lines to determine conductor wire location, sag points, and route.

Project: Palm Beach County Schools, Palm Beach County, FL

Project Owner: Song & Associates- Mr. Jorge Fuentes- 561.655.2423; jfuentes@songandassociates.com

Schedule: 2021-current

Contract Amount: USD 164,640

Description: The work consisted of existing conditions, topographic and utility location and identification (including GPR/SUE) surveys for capital improvement projects that included perimeter security, fire protection and site utilities.

As the prime land surveying consultant, the firm oversees managing the project and complying with deliverables.

Project	Location
Existing Conditions, Topographic and Utility Survey North Technical Educational Center, Located at 7071 Garden Road	*Riviera Beach, FL*
Existing Conditions and Topographic Site Survey for a Portion of Mckesson Support Center	*West Palm Beach, FL*
Existing Conditions and Topographic Survey for West Technical Educational Center, Building 8	*Belle Glade, FL*
Existing Conditions, Topographic and Utility Site Survey for a Portion of Fulton Holland Educational Services	*West Palm Beach, FL*
Site Survey – West Riviera Elementary School	*West Palm Beach, FL*
Site Survey – Golden Grove Elementary School	*West Palm Beach, FL*
Site Survey – Lake Worth High School	*Lake Worth, FL*

Project: Broward County Schools Capital Improvements Program, Broward County, FL

Project Owner: Song & Associates- Mr. Jorge Fuentes- 561.655.2423; jfuentes@songandassociates.com

Schedule: 2020-current

Contract Amount: USD 70,000

Description: The work consisted of existing conditions, topographic and utility location and identification (including GPR/SUE) surveys for capital improvement projects that included perimeter security, fire protection and site utilities.



Project	Location
Site and Utility Survey Marjory Stoneman Douglas High School	*Parkland, FL*
Site Survey-Margate Elementary School	*Margate, FL*
Site Survey-Plantation High School	*Plantation, FL*
Site Survey, Utilities and Digital CAD Mapping-JP Taravella High School	*Coral Springs, FL*
Site Survey – Country Hills Elementary School	*Coral Springs, FL*
Site Survey- Hallandale Beach High School	*Hallandale, FL*
Site and Utility Survey – Millennium 6-12 Collegiate Academy	*Tamarac, FL*
Existing Conditions and Topographic Survey at Seagull Alternative High School	*Fort Lauderdale, FL*
Site and Utility Survey – Coral Glades High School	*Coral Springs, FL*
Site and Utility Survey – Flamingo Elementary School	*Davie, FL*
Site Survey for Park Trails Elementary School	*Parkland, Fl*
Site Survey- West Glades Middle School	*Parkland, Fl*
Existing Conditions, Topographic and Subsurface Utility Survey for Pinewood Elementary School	*N. Lauderdale, Florida*
Existing Conditions and Topographic Survey for Sunrise Village Elementary School	*Sunrise, Florida*

Project: Bert Bostrom Park; Lake Park, FL

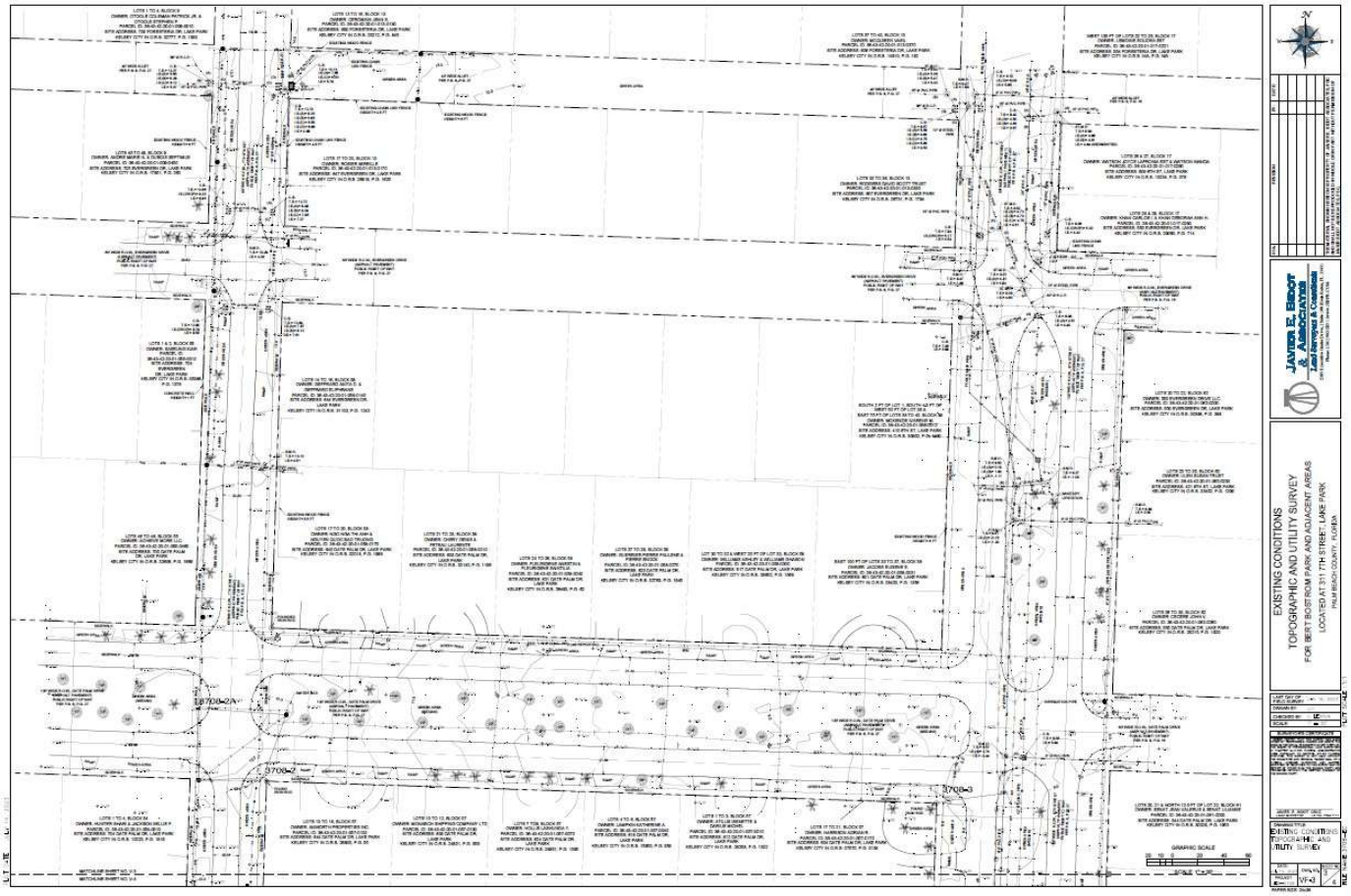
Project Owner: Water Resources Management Associates, Inc- Mr. Michael Mercado, PE - 561.529.2075; mike.mercado@wrmaeng.com

Schedule: 2022-2023

Contract Amount: USD 50,500

Description: The work consists of performing a comprehensive site survey at the Bert Bostrom Park and adjacent areas. The survey area was aproximate14 acres. Tasks included were:

- Existing Conditions Survey showing all existing property corners, property lines, fences, buildings and other improvements.
- Topographic Survey at 25-feet intervals. Digital terrain model (DTM), graphically represented as 0.5-foot contours.
- Quality Level B Subsurface Utility Survey.
- Non-destructive excavation for utility confirmation (shallow potholes).



Project: Topographic Survey, Utility Location and Identification Survey on Key West International Airport; Florida

Project Owner: McFarland Johnson- Mr. David Rosa- 305.705.4871; drosa@mjinc.com

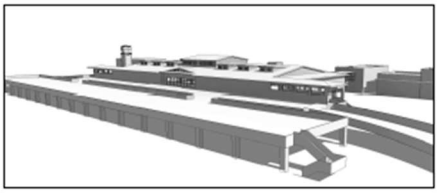
Schedule: 2022

Contract Amount: USD100,000

Description: Professional Surveying and Utility Designation Services in support of the engineering design for improvements to the Key West International Airport (EYW). The scope of work included existing conditions survey, building information model (BIM) topographic survey, utility location and identification survey in compliance with ASCE specification 3802, quality level D, C and B.

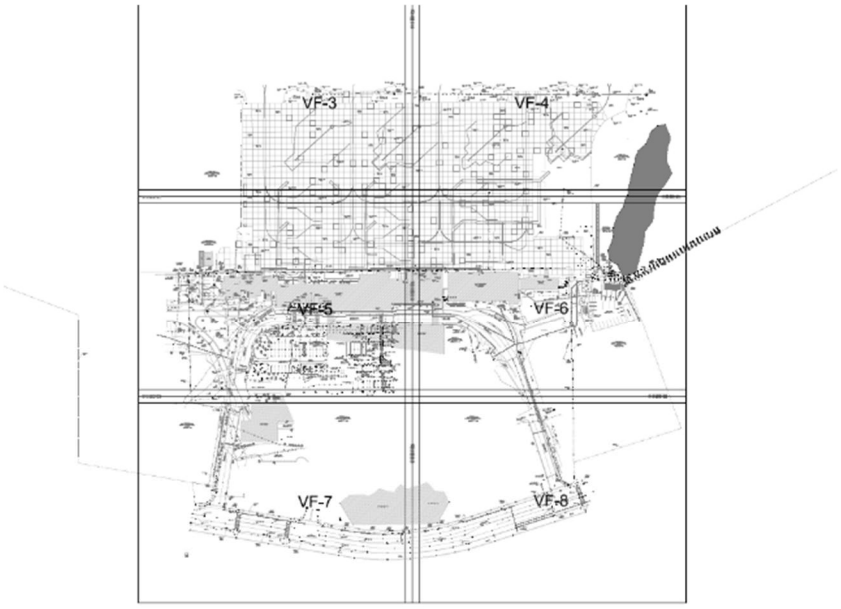
Deliverables included signed and sealed plots and specific purpose subsurface utility survey.


PERSPECTIVE VIEW - 1


PERSPECTIVE VIEW - 2


PERSPECTIVE VIEW - 3


PERSPECTIVE VIEW - 4



GENERAL SITE PLAN

Project: Town of Lake Park Surveys

Project Owner: Water Resources Management Associates, Inc- Mr. Michael Mercado, PE - 561.529.2075; mike.mercado@wrmaeng.com

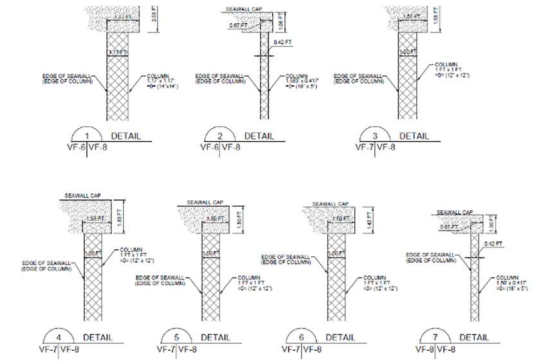
Schedule: 2020

Contract Amount: USD 17,340

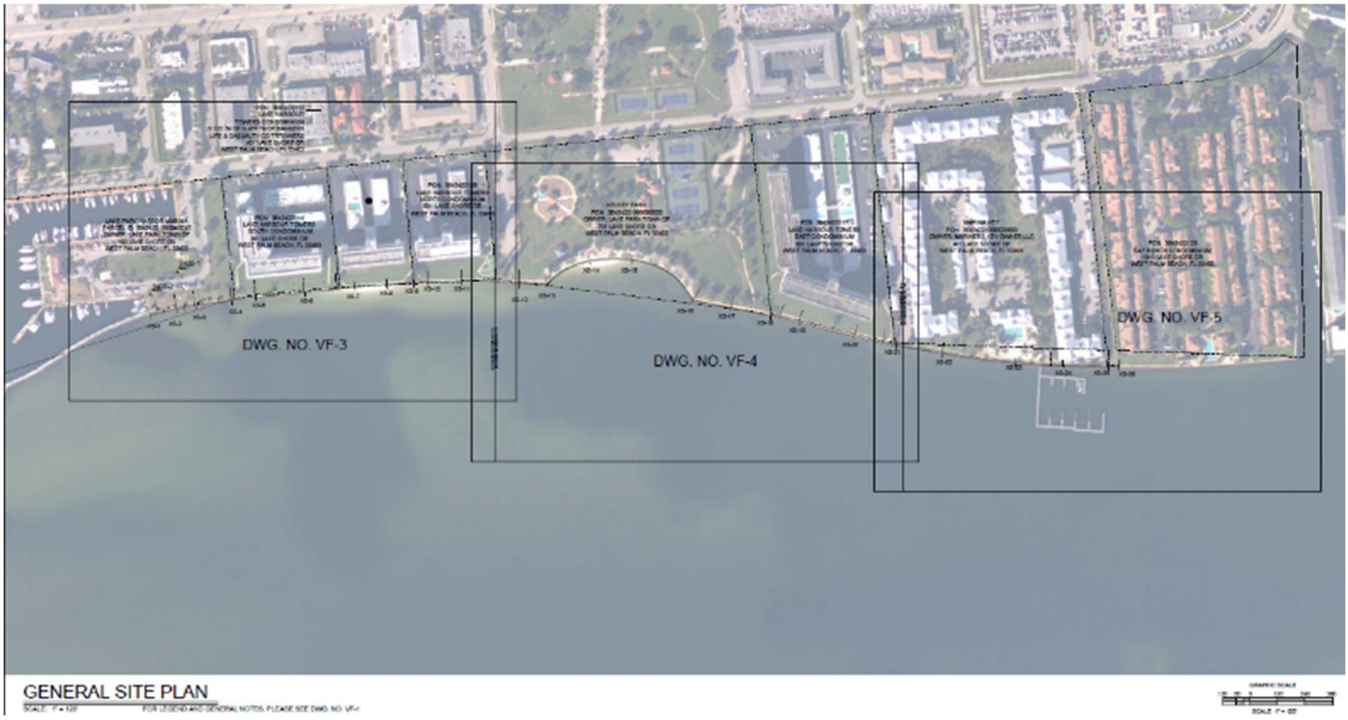
Description:

Task I: Site Survey – Seawall Assessment Project. The work consisted of performing topographic and hydrographic survey of cross sections at the land and sea sides along 5442' seawall, including any seawall appurtenances, outfall pipes and other attached improvements.

Task II: Site Survey – Southern Outfall Project. Existing conditions and topographic survey for an area of approximately 3 acres of the Southern Outfall Project Phase 2.



SEAWALL TYPICAL DETAILS



GENERAL SITE PLAN

Project: South Florida Water Management District C-139 Flow Equalization Basin (FEB) Project; Hendry County, Florida

Project Owner: Arcadis US, INC/ SFWMD - Mr. Paul Walansky, PE- 561.697.2020; paul.walansky@arcadis.com

Schedule: 2020

Contract Amount: USD207,000

Description: Topographic and hydrographic surveys to supplement LiDAR ground truthing, surveys in support of geotechnical and environmental studies and field completion of LiDAR data. The work included verification, recovery, and propagation of survey control on the project area. Existing conditions survey of various flow control structures, existing and proposed access conveyance, within the project limits, as supplemental data to support the project development and augment previous surveys performed by others. Work was divided into main tasks, and other supplementary activities outlined as subtasks:

1. Create Survey Base Map for Project:
    a. AutoCAD Civil 3D (C3D) survey with current rectified aerial photo background imagery.
    b. Establish 2,800-acre project area lines from District-furnished boundary survey.
    c. Incorporate District-furnished LIDAR data into survey and additional topographic and hydrographic survey data.
    e. Develop Civil 3D TIN Surface of existing ground and create civil 3D existing ground contour lines at one-foot (1') intervals for some specific areas.
2. Survey of Existing Features:
    a. Establish survey control marks datum relationship (NAVD88 to NGVD 29)
    b. Existing improvements were located within the FEB project boundary.
3. Topographic Survey:
    a. LiDAR Elevation Ground Truthing and Quality Control
    b. Soil Borings and Piezometer Locations
4. Hydrographic Survey-Cross Sections



RECENT FLORIDA PROJECTS LIST
Site Survey – Portion of City Hall Parking Lot, City of West Park, FL
Professional Surveying Services – Existing Conditions and Sketch of Survey for a Portion of 2811 Lyons Road, City of Coconut Creek, FL
Site Survey for Jade Winds Association Pool Deck, City of North Miami Beach, FL
Surveying Services in Support of New North River Canal Conveyance, Palm Beach County, FL
ROW Mapping, Existing Conditions, Topographic, Survey and Utility Surveys in Support to Burnett and Pluckebaum Roads Storm Sewer Improvement Project Brevard County, FL
Update Lot Survey for a Plot of Land Located at 5310 SW 28th, St West Park, FL
Existing Conditions and Sketch of Survey for a Portion of NW 30th St & Lyons Rd, Coconut Creek, FL
Professional Land Surveying Services, Copans Road, City of Coconut Creek, FL
Site Survey – Portion of County Line Road, City of West Park, FL
Site Survey – Portion of Toney Penna Drive, Town of Jupiter, FL
ALTA/NSPS Land Title Survey Update for Waterside Landing Assisted Living Facility, Located at 5600 Lakeside Drive, Margate, FL
Existing Conditions, Topographic and Utility Site Survey for a Portion of Fulton Holland Educational Services, West Palm Beach, FL
Existing Conditions and Topographic Site Survey for Coral Glade High School, Coral Springs, FL
Existing Conditions and Topographic Survey for Drainage Improvement Project at SW 7th Terrace, Between SW 9th Street and SW 11th Street, Hallandale Beach, FL
SFWMD C-23/C-24 North Reservoir & South Reservoir Microwave Tower Construction Services St. Lucie County, FL
New Survey for West Tech Educational Center – Building 8, Belle Glade, FL
Boundary Retracement of Several Residential Lots Adjacent to West Riviera Elementary School, Located at 1057 W 6th St West Palm Beach, FL
Supplemental Geotechnical Investigation for the SFWMD C-18W Impoundment Project, Palm Beach County, FL
NW 210th Terrace, NW 209th Terrace & NW 208th Terrace between NW 30th Ct and NW 27th Ct Streets, Miami Gardens, FL
Existing Conditions, Topographic & Utility Designation and Identification Survey for a Portion of Key West International Airport (EYW) Monroe County, Key West, FL
Existing Conditions, Topographic & Utilities Survey for a 72" Storm Sewer Pipe Replacement Project at Gulfstream Park, Hallandale, FL
Existing Conditions, Topographic & Utilities Survey for Babcock Park Improvements Project, Hialeah, FL
Existing Conditions, Topographic and Utility Survey for JEA Hogan's Creek Chiller Plant Project Located at Jacksonville, FL
Existing Conditions and Topographic Site Survey for a Portion of Mckesson Support Center-Ancilliary, West Palm Beach, FL

GEOTECHNICAL PROJECTS IN BROWARD COUNTY

The following are some of the geotechnical projects done by Quest Engineering Services & Testing, Inc. (QuEST) in Broward County, within the last 10 years.

Riverside Promenade @ Pompano Beach – (2016-2019)

This project comprised of three commercial buildings and associated parking and driveways within the subject lot, located along a waterfront. Besides providing subsurface study and geotechnical engineering services, we also monitored the augercast pile installation, along with associated construction material (grout & backfill densities) testing.

15-Story Mixed-Use Tower @ Pompano Beach (2017)

This project was a 15-story building with a full level of basement parking. The footprint of the proposed building was to cover most of the site. QuEST provided subsurface study, geotechnical engineering and deep foundation design recommendations. The construction of this project is yet to commence.

Multi-Story Apartment Building @ Ft. Lauderdale (2019)

The subject project envisages the construction of a multi-family residential building with a footprint area of about 19,000 square feet (sf). The building will practically encompass the entire site and will comprise of 9 floors of apartments situated directly over 3 levels of parking garages. We provided subsurface study, geotechnical engineering and deep foundation design recommendations. The project's construction plans are still under development.

FLL T3-BHS (2015-2017)

This project involved the construction of a new in-line baggage screening facility at Terminal 3 of the Ft. Lauderdale-Hollywood International Airport (FLL). The facility was constructed in such a way as to allow existing baggage screening positions to remain active during the construction period. The construction employed pre-cast concrete elevated floor framing and steel joist roof framing, supported by concrete columns, beams and steel columns. Besides providing subsurface study and geotechnical engineering services, we also monitored the augercast pile installation. In addition we provided construction materials testing and special inspection services.

Planned Broward Governmental Center @ Ft. Lauderdale (2024)

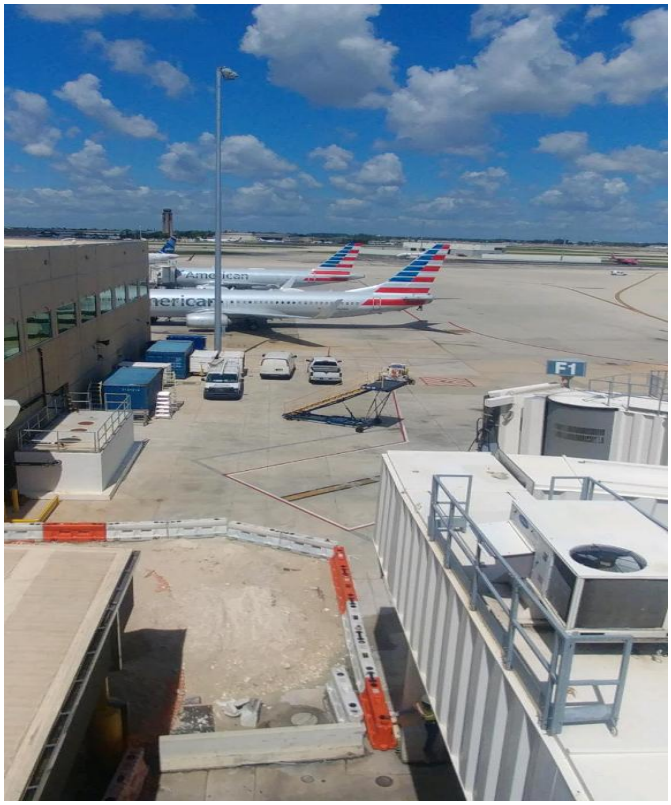
The subject project envisages the construction of a multi-story governmental building rising 25 to 30 stories and with a stand-along multi-level parking garage. We provided subsurface study, geotechnical engineering and deep foundation design recommendations. The project's construction plans are still under development.

Riverside Promenade





FLL T3-BHS





BROADSTONE OCEANSIDE
Pompano Beach, Florida

CONTRACT DATES: 11/2016 – 10/2019
TSFGEO FEES: $230,429.75
KEY STAFF: Raj Krishnasamy, P.E.; Kumr Vedula, P.E.
SERVICES PROVIDED: Geotechnical Engineering, Construction Material Testing and Threshold Inspection Services

TSFGeo provided Geotechnical Engineering, Construction Material Testing and Threshold Inspection Services for Broadstone Oceanside located in Pompano Beach, Florida.

The project consisted of a 5-story parking garage, 8-story residential building, 2-story clubhouse, 2-story townhomes, and a 1-story retail building approximately 484,900 square feet.

The purpose of this study was to explore the subsurface conditions at the site to enable an evaluation of acceptable foundation for the construction.

TSFGeo's services included SPT borings and measuring groundwater levels at the time of drilling.



Provided a geotechnical engineering report which included evaluations and recommendations regarding foundations, ground floor slabs, utilities, construction excavation, below grade walls, miscellaneous structures, site preparation procedures and test program.

Provided demucking observations and letters of certification for the building pads.

During construction, services included concrete testing, inspections and reporting.

TSFGeo technicians performed field density tests, LBR tests, vibro-flotation, vibration monitoring, modified proctor tests concrete and grout compressive strength tests and sample pickups.

Provided a Building Inspector to observe fastening, masonry, stressing, framing, concrete monitoring, welding and reinforcing.

Provided a Senior Engineering Technician for de-mucking observation.

INTERSECTION IMPROVEMENTS
Broward County, Florida

CONTRACT DATES: 1/2023 – 1/2024
TSFGEO FEES: $14,795.69
KEY STAFF: Raj Krishnasamy, P.E.
SERVICES PROVIDED: Construction Material Testing Services

TSFGeo provided Construction Materials Testing and Inspection Services for intersection improvements to be constructed at the intersection of Sheridan St. and University Dr., as well as the intersection of Lyons Rd. and Copans Rd.

The project consisted of widening Lyons Rd. from NW 49th Terrace to West of NW 42nd Ave to extend / add turn lanes to increase throughput of the intersection; including drainage construction, roadway widening, pavement milling and resurfacing, pavement markings, signage, traffic signalization and landscaping.

The project consisted of widening the existing medians on Sheridan St. approaching University Dr. to extend the dual left turn lanes to improve throughput of the turning movements; including drainage construction, roadway widening, pavement milling and resurfacing, roadway lighting, pavement markings and signage.

TSFGeo's scope of services included soil and concrete testing, and inspections during construction.

TSFGeo technicians performed concrete testing for curbs and gutters, sidewalks and miscellaneous structures, nuclear density testing on embankment, utility backfill, subgrade and base placement, asphalt plant inspections and modified and standard proctor tests. Soil testing included sieve analysis, organic content, Atterberg Limits, Proctors, and LBR tests.

A TSFGeo Senior Engineer provided review of reports, handled project coordination and attended meetings as necessary.

RELEVANT PROJECT EXPERIENCE

Client: *State of Florida Department of Transportation District 4 c/o HDR Engineering, Inc.*
Mr. Emilio Corrales, P.E.
(954) 535-1876
emilio.corrales@hdrinc.com
Start/End Date: *5/2021-7/2023*
TSFGeo fees: *$70,150.14*

SR-838/Sunrise Blvd from West of Middle River Dr to East of NW 26th Ave, Broward County, Florida; *FPID No. 446181-1*. TSFGeo provided Geotechnical Engineering Services for Sunrise Boulevard located in Broward County, Florida. The services were performed in general accordance with FDOT procedures. The project consisted of roadway improvements which included mast arm installation and resurfacing. The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans. TSFGeo's field services included SPT borings, reviewed readily available published soils information obtained from the Soil Survey of Broward County, Florida published by the United States Department of Agriculture (USDA) Natural Resources Conservation Services (NRCS) and classified soil samples in the laboratory using the Unified Soil Classification System. Provided a geotechnical engineering report which included evaluations and recommendations regarding construction notes and organic soil layers.

Client: *State of Florida Department of Transportation District 4 c/o Keith & Assocaites, Inc.*
Ms. Lori Treviranus, P.E.
(954) 788-3400
ltreviranus@keithteam.com
Start/End Date: *1/2022 – 9/2023*
TSFGeo fees: *$69,244.26*

SR-811/Dixie Highway from SR-834/Sample Road to SR-810/Hillsboro Blvd, Broward County, Florida; *FPID No. 448174-1*. TSFGeo provided Geotechnical Engineering Services for mast arms along SR 811/Dixie Highway located in Broward County, Florida. The project consisted of installation of mast arm structures and resurfacing. The study was performed to explore the subsurface conditions at the structure locations in order to identify the general subsurface stratigraphy and provide geotechnical recommendations to guide the design. The purpose of this study was to provide geotechnical input to the design team to assist in the foundation design. TSFGeo's field services included SPT borings and visually classified and stratified the samples in the laboratory using the Unified Soil Classification System (USCS). Provided a geotechnical engineering report which included evaluations and recommendations regarding mast arms and groundwater control.

SECTION 9

Resumes of Key Personnel



GREGORY DOVER, PE

PROJECT MANAGER/BRIDGE DESIGN, MISCELLANEOUS STRUCTURES, BUILDINGS, SEAWALLS, EMERGENCY PROJECTS, ASSESSMENTS, INSPECTIONS

EDUCATION:
B.S. Civil Engineering/Structures, North Carolina State University, 1990

YEARS OF EXPERIENCE
35 Years

YEARS WITH RJ BEHAR
2022 – Present

OFFICE LOCATION
Pembroke Pines

PROFESSIONAL REGISTRATIONS
- P.E. Florida License No. 57684, 2001
- P.E. North Carolina License No. 20635, 1995

SPECIAL QUALIFICATIONS
- 8th Edition, Florida Building Code, 2023
- Advanced Building Code Course Credit, 2018

ENGINEERING EXPERIENCE

Mr. Dover is an experienced structural engineer. He performs project management duties, as well as Engineer-of-Record duties while mentoring and training junior staff. He works directly with clients in pursuing upcoming projects. His experience in structural design includes phase review, design management, and construction project management. His expertise includes concrete and steel bridge design, advanced structural modeling, bridge inspection, miscellaneous structure design including retaining walls, overhead signs, traffic signals, and buried drainage structures. Additionally, he has recent design-build experience in direct construction support for field change requests, contractor requests for information (RFI), and utility conflict resolution.

RELEVANT EXPERIENCE

Hook Square Pump House Replacement – City of Miami Springs, Florida
Structural Engineer providing Quality Control and Supervision for the replacement of one old stormwater pump station (Hook Square) that transfers water from the City's closed canal system to the SFWMD's C-6 Canal. Structural modifications included a new roof, pump platform, new doors and installation of new ventilation.

I-75W2 Weir Structure Replacement Design - South Florida Water Management District (SFWMD)
Senior Structural Engineer for structural design, and preparation of the Design Documentation Report for the construction of a new, locally and remotely operated, water control structure in the alignment of the I-75 Canal in Naples, Florida. He supervises the structural design and coordinates with the design team.

Pine Island Road from Griffin Road to Nova Drive, Town of Davie, Florida – Broward County Highway Construction and Engineering Division
Structural Engineer – The proposed project improvements include reconstructing the existing roadway from four to six lanes, with a shared use path or bike lanes in each direction. The proposed project improvements include bridge modifications, signal mast arms, 1.7-mile bulkhead wall along the existing CBWCD canal, evaluations of potential noise walls; and permitting.

Atlantic Shores Boulevard Improvements, Broward County, Florida – City of Hallandale Beach
Structural Engineer for the retrofit of flap gates at two outfalls into the DeSoto Waterway. One outfall was 108" and the other one 54" in diameter. RJ Behar, as part of the design team that provided assistance with drainage modifications and permitting.

S9 & S9A, Trash Rake and Pump Station Refurbishment Bridge Slab Design, Broward County, Florida – Harry Pepper
Structural Engineer who provided quality control reviews for design of the trash rake bridge slab reinforcing. The plans called for a prestressed and post tensioned slab bridge. RJ Behar requested to design the slab using a 12" Florida Slab Beam and it was accepted as a design change. This task included performing the structural calculations for the reinforcing and preparing shop drawings for the bridge slab units. The design loading was the HL-93 and SFWMD 60-Ton Truck Crane (GROVE TMS700E).

Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County, Florida – Florida Department of Transportation (FDOT), District 4
Structural Engineer who provided quality control reviews of the BDR and construction plans to replace the existing bridge over E-84 canal. The existing low-level concrete bridge (No. 945260) crosses over the E-84 Canal using three spans. The project also includes signal mast arms foundation design and overhead sign structures.

Pedestrian Bridge over the Biscayne Canal, Miami-Dade County, Florida – City of North Miami
Structural Engineer who provided quality control reviews of the construction plans of a new pedestrian bridge over the Biscayne Canal. The existing bridge is located between NE Second Avenue and Griffing Boulevard, approximately 1,400-

feet south of the existing NE 135th Street vehicular bridge. The existing bridge carries both pedestrians and utilities.

Miami Beach Bandshell Rear Canopy, Miami-Dade County, Florida – City of Miami Beach

Sr. Structural Engineer – The scope consists of the structural design of the backside canopy with a retractable roof capability. The proposed canopy must extend about 5' in front of the existing bleacher. Existing bleachers will remain in place. The project scope includes *Schematic Design Phase, Design Development Phase, Historic Preservation Board Approval Phase, Construction Documents Phase*.

40 Year Certification of 7960 Johnson Street – City of Pembroke Pines, Florida

Senior Structural Engineer who conducted a 40-year inspection and certification of a control building at 7960 Johnson St., which is located within the City of Pembroke Pines Water Treatment Plant. For the 40-year certification, RJ Behar inspected the life/safety components of the building (structural and electrical) and provided the certification form.

Mathews Bridge Rehabilitation, Duval County, Florida – FDOT, District 2

Engineer of Record for the painting and rehabilitation of steel members on the approach spans of SR 10A over the St. John's River. Two additional bridges were painted over the out of service railroad and Palmetto St. Post Design services included review of containment plans and calculations, as well as rehabilitation of elements which were further deteriorated since the last bridge inspection. **Company:** Gannett Fleming, Inc.

SR 826 - Palmetto Segment 4, Miami-Dade County, Florida – FDOT, District 6

Structural Engineer responsible for the management and Engineer of Record (Thru 90%) for a 3-span bridge (SR 826 over 47th Ave.) The bridge consists of 54" FIB girder beams, 200 ft. (+) long end bents on 18" prestressed concrete piles (PCP), and multi-column piers on concrete footing caps with 24" PCP. Close coordination with the geotechnical engineer included existing pile extraction, and optimization of foundation selection, and minimization of pile driving vibrations affecting adjacent businesses. Additionally, the project includes drainage box modifications, as well as sign structures. He developed the BDR and associated plans, calculations, and cost estimates. **Company:** Gannett Fleming, Inc.

Districtwide Plans Review, Miami-Dade County, Florida – FDOT, District 6

Structural Engineer: Task Work Order 1 – Design of substructure for bridge 9 of the Golden Glades Interchange. The substructure was designed to support a curved steel bridge. The bent cap was a post and beam type, with 2 non-redundant drilled shafts. A lateral shaft analysis was also performed to set the minimum tip elevation of the shaft.

Company: Gannett Fleming, Inc.

Bridge Rehab and Repairs Contract, Miami-Dade County, Florida – Miami-Dade Expressway Authority (MDX)

Project Manager/Engineer of Record for rehabilitation and repair of 80 bridges, including joint repair and replacement, as well as bridge jacking and bearing replacements. Investigated proprietary types of joint systems and obtained FDOT approval to use new types of joints to further the lifespan and simplify the repairs, while lowering life cycle costs.

Company: Gannett Fleming, Inc.

SW 136th Street over a Canal C100A, Miami-Dade County, Florida – Miami-Dade Department of Transportation and Public Works (DTPW)

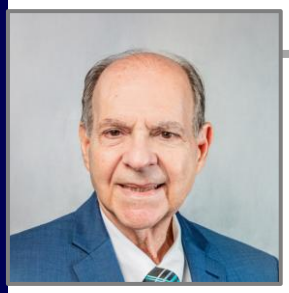
Project Manager for the replacement of a bridge over the C100A canal. Bridge was designed as a 3-span continuous deck slab, supported on pile bents and pile end bents. Special bridge aesthetics were coordinated with the County and local municipalities to further enhance the end user experience. **Company:** Gannett Fleming, Inc.

7-Mile Bridge Rehabilitation, **Monroe County, Florida – FDOT, District 6**

Structural Engineer for the rehabilitation of a 35,000 ft. long high-level bridge, over the ocean, which is a critical bridge to the Florida Keys. This bridge is in the most extreme corrosive marine environment possible, with structural elements permanently in the splash zone resulting in accelerated corrosion, constant cracks, spalls, and delamination. His responsibilities included assessment of existing structural condition, and design and plans preparation for the rehabilitation and for corrosion protection systems. This bridge was the basis of a research project for FDOT to try out multiple corrosion protection schemes. Evaluated these and other options and recommended the best solutions of galvanic protection systems that fit within the budget. Also assisted with the temporary steel frame jacking support system design to rehabilitate damaged sections of columns without shutting down traffic on this essential hurricane route bridge. The Seven Mile Bridge/Knight's Key Bridge (No. 900101) was listed in the National Register of Historic Places in 1979. All the Overseas Highway bridges are eligible under Criterion A in the areas of Transportation and Community Planning and Development. **Company:** AECOM

Structural Design On-call Contract, Districtwide – FDOT, District 4

Structural Engineer who responded to emergency requests, such as after storm erosion investigations, and critical construction issues requiring a timely evaluation. Assignments included investigating the underwater rip rap installation in 60 feet of water for I-75 slip ramp near the Sawgrass Expressway and responding to a scour condition at the end of culvert that was undermining the outside lane due to a storm event. **Company:** HW Lochner.



ROBERT BEHAR, PE

PRINCIPAL IN CHARGE – QC/QA

PARKS/RECREATIONAL FACILITIES/SEAWALLS

EDUCATION

MS Structural Engineering, University of Florida, 1975
BS Civil Engineering, University of Florida, 1974

YEARS OF EXPERIENCE
47 Years

YEARS WITH RJ BEHAR
1999 – Present

OFFICE LOCATION
Pembroke Pines

PROFESSIONAL REGISTRATIONS

- P. E. Florida License No. 21755/1980
- P. E. Kentucky License No. 19836/1997
- P. E. Indiana License No. 19800047/1997
- P. E. Michigan License No. 6201043655/1997
- P. E. Ohio License No. E-6264

PROFESSIONAL SOCIETIES

- American Society of Civil Engineers
- Florida Engineering Society
- Institute of Transportation Engineers
- Transportation Research Board

ENGINEERING EXPERIENCE

He began his engineering career in 1977 with the Florida Department of Transportation and has over 47 years of experience in the planning, design and management of transportation projects nationwide. He has worked on projects for many municipalities throughout South Florida. He has been very active member of various engineering societies where he has served as president of the South Florida Section and Miami-Dade Branch of the American Society of Civil Engineers, Chair of the American Society of Civil Engineers Highway Division, Chair of Florida Institute of Consulting Engineers Transportation Production Committee, and member of the Transportation Research Board's Geometric Design Committee. Mr. Behar was awarded the Ben Watts Partnership Award in 2010. He is a voting member of the Florida Greenbook Committee. Mr. Behar was an original member and helped develop the American Society of Civil Engineers (ASCE) publication "Context Sensitive Highway Design Principles" and he is currently a member of the Subcommittee for the development of the Complete Streets Chapter in the Florida Greenbook.

RELEVANT EXPERIENCE

Pine Island Road from Griffin Road to Nova Drive, Broward County, Florida – Broward County Highway Construction and Engineering Division

Principal in Charge/Project Manager: The proposed project improvements include reconstructing the existing roadway from four to six lanes, with a shared use path in each direction. Additional improvements include new drainage, bridge widening, signalization, signing and pavement markings, lighting, bulkhead wall along the canal, four box culverts were required by Central Broward Water Control District for the permitting conditions and to upgrade, and landscaping.

SW 87th Avenue Bridge over Canal C-100, Miami-Dade County, Florida – Miami-Dade County Department of Transportation and Public Works Engineering, Planning and Development

Principal-in-charge of the design of a new bridge over the South Florida Water Management District (SFWMD) C-100 canal. The project included preparation of the structural plans, roadway and drainage and permitting with SFWMD right-of-way permit, SFWMD ERP, DRER Class II & Tree removal, Florida Department of Environmental Protection State 404 program, and U.S. Army Corps of Engineers Section 408. The proposed bridge is located along SW 87th Avenue between SW 163rd Terrace and SW 164th Street and will carry both vehicular and pedestrian traffic.

SE 15th Avenue Bridge Replacement, Construction Engineering Inspection, Fort Lauderdale, Florida; LAP Project

Principal in Charge for the proposed improvements included full bridge demolition and replacement, including a class 5 concrete finish coating on all exposed concrete surfaces, new traffic railing barrier with aluminum pedestrian- bicycle railings along both sides, bridge deck grooving, minor roadway reconstruction, milling and resurfacing, pavement marking and signage, slope stabilization, new utility relocations, lighting, and landscaping modifications. The bridges cross over the Marchetta River Bridge (Bridge No. 865766) and Carlotta River Bridge (Bridge No. 865767) in Fort Lauderdale, Florida.

Pines Boulevard and I-75 Interchange, CEI Services LAP Project, Broward County, Florida – City of Pembroke Pines/Florida Department of Transportation (FDOT) District 4 – Principal in Charge on this $11.2 million Local Agency Program (LAP) project between the City of Pembroke Pines and FDOT, District 4. This was a federally funded project consisting of urbanized improvements at the I-75 (SR-93) and Pines Boulevard (SR-820) Interchange. The project includes modifying the existing interstate overpass, entrance and exit ramps from a rural configuration to an urban configuration, as well as widening, signalization, landscaping and access management improvements along Pines Boulevard. "No-excuse Bonus" (250K) and "Incentive/Disincentive" contracting method utilized.

Oakhill Culvert Replacement, Broward County, Florida – Town of Davie
Principal in Charge: The project replaced an existing culvert over a Central Broward Water Control District canal. The Oak Hill culvert was an existing 66-inch corrugated metal pipe culvert approximately 36 ft. long with sand cement end walls under SW 17th Street. The CBWCD performed an inspection of the culvert and determined that the pipe was completely deteriorated and collapsed. CBWCD determined that the pipe needed to be replaced with a 60-inch reinforced concrete pipe. Permits included Broward County Environmental Resource License, Central Broward Water Control District, and U.S. Army Corps of Engineers Nationwide Permit (NWP) Number 7.

NW 87th Avenue, Miami-Dade County, Florida – Florida Department of Transportation (FDOT), District 6
Principal in Charge/Project Manager for roadway design of new construction and reconstruction of NW 87th Avenue. The scope included the new construction and reconstruction of NW 87th Avenue from NW 74th Street to NW 103rd Street in Medley, Florida. This project included roadway plans, drainage, traffic, lighting, signing and marking, signalization and bridge plans. Project length: 1.90 miles ±

Seven Isles Entry Beautification, Broward County, Florida – City of Fort Lauderdale
Principal in Charge – The project consisted of improvements to the 7 isles entry way, this improvement included, adding a parking space on the west side of SE 23rd Avenue as well as beatifying two of the existing bridges.

Seawall Repairs, Broward County, Florida – City of Pompano Beach
Principal in Charge for the design and permitting of repairs to seawalls and site improvements at Hillsboro Inlet Park.

Seawall Design at Tobie Wilson Park – Town of Medley, Florida
Principal in Charge/Project Manager for the structural analysis and design, plans preparation and permitting with SFWMD, USACE. The scope of work included design of approximately 850 feet of new steel bulkhead wall with a concrete cap to be located on the north side of the park along the south bank of the Miami Canal. RJ Behar also assisted with the grant preparation and construction engineering services.

Coral Gables Courthouse, Miami-Dade County, Florida – Miami-Dade County
Engineer of Record for structural design.

McDonald Park Pedestrian Bridge, Miami-Dade County, Florida - City of Hialeah
Project Manager/Engineer of Record – Services included the structural design for all the piers supporting the pre-fabricated pedestrian bridge and field inspection.

Crash Fire & Rescue Bridge over I-95, Fort Lauderdale, Florida – FDOT, District 4
Project Manager – This included the design of new bridge over I-95 connecting Fort Lauderdale/ Hollywood Airport to Ravenswood Road. The project included roadway plans, retaining walls, bridge plans, drainage design and marking and signing plans.

Design-Build I–595 Highway Improvements, Broward County, Florida – FDOT, District 4
Task Manager: The design of the project included updating the master plan and complete drainage design for new exfiltration trenches, storm sewer design piping and collection inlets, cross drains including several micro-tunneling pipes across the expressway lanes and both wet and dry retention stormwater ponds. Fourteen microtunnels were needed due to the water table and the depth of drainage structures. The design also included several large gated control structures for the connections to the golf courses, large concrete box culverts, a major inverted siphon under the North New River Canal (NNRC), and several open channels (lined and unlined). RJ Behar was also responsible for the drainage plan preparation for two roadway design sections as well as all coordination between six different design firms. The scope of the project included stormwater management, drainage design; signal and lighting design. Intersection signal phasing and timings were optimized and coordinated with neighboring intersections to ensure the best overall performance along the corridor. Measures of effectiveness used to evaluate the traffic operations included vehicular queues, vehicular delay and Level of Service

5th Street Fire Station Mezzanine Addition, Miami-Dade County, Florida – City of Hialeah
Project Manager/Engineer of Record – The project included structural design for the new mezzanine and coordinating the mechanical, electrical, plumbing and fire sprinkler systems modifications. The structural modifications required that the existing foundations be reinforced for the additional loads.

Quayside Apartments Pier Extension, Miami-Dade County, Florida – Miami Shores
Engineer of Record for the structural design for the extension approximately 2000' of wooden pier. The pier was located along the Intercoastal Waterway. The construction consisted of wood piers.

40 Year Certification Structural Inspection, Miami-Dade County, Florida – Miami
He performed structural inspection for a 40-year structure. The inspection required the certification of all structural components for a 20,000 square foot structure.



JERRY PICCOLO, P.E.

SR. STRUCTURAL ENGINEER – BRIDGES, PARKS/ RECREATIONAL FACILITIES/SEAWALLS/MISCELLANEOUS STRUCTURES

EDUCATION
B.S. Civil Engineering, University of Florida, 1976

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
48 Years	2000 – Present	Wellington

PROFESSIONAL REGISTRATIONS
P.E. Florida License No. 22979, 1980
Certified Bridge Inspector – Bridge Inspectors Training Program, FDOT & USF, 1982

ENGINEERING EXPERIENCE
Mr. Piccolo serves as a senior structural design engineer. He has a thorough understanding of advanced structural engineering and the associated computer skills. He also has a very practical background in bridge construction and construction contract administration procedures. This background enables him to produce a set of plans which are constructible, economical and rarely require supplemental agreements during construction. Mr. Piccolo has been the Project Manager and Engineer of Record for numerous very successful highway and bridge projects over the past 27 years as a consultant. He also has 15 years of experience as an FDOT employee. He was the first FDOT Bridge Engineer to design a bridge to withstand a ship impact (Choctawhatchee Bay Bridge) and the first to design a curved steel box girder superstructure (Thomasville Road Flyover). He was presented with the Bill Dean Award by FDOT and is listed in the "Who's Who in Science and Engineering".

RELEVANT EXPERIENCE
Structural Annual Contract - Palm Beach County, Florida
Project Manager/Sr Structural Engineer. Mr. Piccolo has managed the Palm Beach County Structural Annual contract since 2004. In the contract he has performed reviews of bridge plans prepared by other county consultants. The reviews address structural adequacy, adherence to County, State and AASHTO policies and design criteria, economy of design, constructability, completeness, accommodation of utilities, etc. The structural design calculations are spot checked and reviewed for completeness and reasonableness. Some of the most recent reviews include:
Congress Avenue over WPB Canal; Palmetto Park Road Bridge over Intercoastal Waterway Rehabilitation/Painting Project; Sims Road, Lakes of Delray Beach Boulevard to Atlantic Avenue; 60th Street from Avocado Boulevard to east of 120th Avenue N; 45th Street Bridge over SFWMD C-17 Canal; Jupiter Beach Road over Branch of ICWW (934125); CR880 Bridge Replacement Plans Review; Palmetto Park Bascule Bridge Generator Room Foundation Plans Review; Linton Boulevard Bascule Bridge Concrete Repair Plans Review.

Booster Stations Seawall Repair #1, Miami-Dade County, Florida – Town of Medley
Sr. Structural Engineer. Scope of services included the design of approximately 32 feet of new bulkhead wall on the north side of the station along the south bank of the Miami Canal. The new bulkhead was to repair the existing wall that was damaged during the Irene storm. Services included field visits, documenting with notes and photographs to evaluate conditions for the improvements, structural design, hydraulic calculations, estimates of probable cost and permitting.

Linton Boulevard Bascule Bridge Railing Upgrades Palm Beach County, Florida
Structural Engineer: He provided quality control of the plans and inspection reports. The project includes replacing and upgrading the existing bridge railings. The proposed railing system and sidewalk brackets will weigh less than the existing to avoid strengthening of the existing main girders.

SR-243 Pecan Park Road, Duval County, Florida – Florida Department of Transportation (FDOT), District 2
Structural engineer in charge of design and post design services. The project included one new bridge; two tied back (Schnabel type) retaining walls, two strain pole intersections, four mastarm intersections, three bridge mounted sign structures and eight overhead sign structures.

Seawall Design at Tobie Wilson Park, Miami-Dade County, Florida – Town of Medley
Senior Structural Engineer/QC – Structural analysis and design, plans preparation and permitting. The scope of work will include design of approximately 850 feet of a new bulkhead wall located along the south bank of the Miami Canal.

SR-850/Northlake Boulevard over the Loxahatchee Slough, Palm Beach County, Florida - Palm Beach County Department of Engineering & Public Works Division of Roadway Production
Structural engineer in charge of design and construction services. The project consisted of one new bridge, four MSE walls, one elevated walkway with handrails and one gated weir/bridge.

Biscayne Boulevard from 196th Street to 213th Street, Miami-Dade County, Florida – FDOT, District 6
Structural engineer in charge of design and post design services. The project included five mastarm intersections, and foundations for ground mounted pedestrian signals and flashing lights.

Hatton Highway Bridge Replacement over the Pahokee Water Control District's Canal NO. 2, Palm Beach County, Florida - Palm Beach County Department of Engineering & Public Works, Division of Roadway Production
Structural Engineer: The County requested replacement of the existing 4-span bridge, which was approximately 60' long, Bridge PB # 934512. The bridge replacement design located the new structure with a sufficiently clear distance from the existing FPL 138 Kv. overhead transmission line along the east side of Hatton Highway. Hatton Highway was reconstructed to accommodate the selected bridge replacement. A preliminary alternative analysis was conducted to determine the appropriate roadway section, construction requirements, and limits of work. The bridge design was based on providing a similar 3-span arrangement over the canal, 60' clearance. The bridge cross section included two 12' lanes with 8' shoulders, concrete barriers, and no provisions for sidewalks. Wing walls and slope protection were designed to accommodate the new bridge highway alignment and typical section. The bridge design elements were developed in accordance with the County's Thoroughfare Road and Bridge Design Procedures. RJ Behar was responsible for all permit coordination on the project. Successful completion of the plans and specifications was achieved with a final score of 97 out of 100.

Peanut Island Boat Dock & Fishing Pier, Palm Beach County, Florida – Palm Beach County Facilities Development and Operations
Structural Engineer/Inspector who provided expert shop drawing reviews and inspections during construction. The final inspection was made from a boat and identified numerous work tasks that were overlooked or improperly done by the Contractor. RJ Behar coordinated very effectively with the County and the Contractor on this project. There were no change orders on this project. This was a very successful project for Palm Beach County. This project consisted of an extensive rehabilitation of the boat dock and fishing pier at Peanut Island near Riviera Beach. The decking boards were replaced throughout both structures. Spot repairs and partial replacements were made to the handrails and supporting structural members. Other repairs included rubber boat bumpers, lighting, conduits, and signs. RJ Behar's design utilized PDF markups of photos and the original construction plans, new detailed drawings, and specifications.

ERCAR Reports, Indian River, St. Lucie & Osceola Counties, Florida – Florida's Turnpike Enterprise
Structural Engineer in charge of field inspections and report preparation for four Existing Roadway Condition and Assessment Reports (ERCARs). The projects included 22 bridges, 22 box culverts, 7 farm crossings and 12 overhead sign structures. The reports described the condition of each structure and recommended the proposed scope of work for four Turnpike resurfacing projects.

Structure Inspection Program (SIP) Non-STA Structures, Multiple Counties – SFWMD
Structural Engineer/Inspector performing structural inspections of 61 water control structures. These inspections were performed to ensure operational integrity and to avoid partial or total failure that could endanger the lives and safety of the public.

Fuel Tank Platforms at 17 Pump Stations, Miami to Kissimmee, Florida – SFWMD
Structural Engineer who designed platforms, stairways and handrails for fuel tanks. He also performed the engineering during construction services.

Hidden Acres Estates Feasibility Study, Highlands County, Florida – SFWMD
Structural Engineer who performed the structural evaluation of the feasibility to raise 17 mobile homes and attachments above projected flood levels. The project was part of the Kissimmee River restoration project.

SR-A1A Bridge Over Boynton Inlet Bridge Rehabilitation, Palm Beach County, Florida – FDOT, District 4
Structural Design Engineer who prepared plans for replacement of the concrete rails, guardrail attachments, sealing, repairing of joints and also prepared plans for construction of eight new outfalls connecting to an existing seawall. The scope included the design plans for milling and resurfacing (RRR) for five miles of a major rural roadway, including drainage studies, drainage design, pavement marking and signing plans, signal plans, bridge plans, public involvement, lighting and landscape plans.

C-12/C13 Canals Interconnect, Broward County, Florida – Broward County Water and Wastewater Services
Provided Quality Control Reviews of structural design of new gated structure for design of a canal culvert connection, dewatering permit, gated control structures and permitting. This project proposed the construction of a 48-inch RCP pipe connecting the Canal C-12 and the Central Broward Regional Park/C-12 with a gated control structure. The method of construction consists of the installation of a 48-inch pipe under Sunrise Boulevard, using a trenchless methodology (jack and bore tunneling), followed by an open cut methodology.



JOSSMEL CRUZ GARCÍA, P.E., M.S.E.

BRIDGE DESIGN, MISCELLANEOUS STRUCTURES, BUILDINGS, INSPECTIONS, PARKS/ RECREATIONAL, SEAWALLS, EMERGENCY PROJECTS, ASSESSMENTS

EDUCATION

M.S. Structural Engineering, University of Puerto Rico - Mayagüez Campus, July 16, 2017
B.S. Civil Engineering, University of Puerto Rico - Mayagüez Campus, June 2015

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
8	2017 - Present	Pembroke Pines

PROFESSIONAL REGISTRATIONS

P.E. Florida License No. 97192, 2023

SPECIAL QUALIFICATIONS

- 8th Edition, Florida Building Code (2024)
- Civil (2023)

CERTIFICATIONS

OSHA 30-hour Construction Safety and Health
Level I Unbounded PT Installation Certificate

PROFESSIONAL SOCIETIES

Member of American Society of Civil Engineers (ASCE)

ENGINEERING EXPERIENCE

Mr. Cruz is a civil engineer with a master's degree in structural engineering. At RJ Behar he works in the design of structural elements and performs inspections of infrastructure and building projects. He has also completed environmental permit applications to obtain Sections 404 and 408 from the USACE. He has a thorough understanding of advanced structural engineering and the associated computer skills. His experience has included design of water control structures; miscellaneous structures; signal mast arm foundations; seawall design and rehabilitation; and development of structural applications of metallic, non-metallic or composite materials for ships.

RELEVANT BRIDGE DESIGN AND TRANSPORTATION STRUCTURES EXPERIENCE

Pine Island Road from Griffin Road to Nova Drive, Broward County, Florida – Broward County Construction & Engineering Division

Structural Engineer: He conducted a thorough evaluation of the existing mast-arm to assess its structural integrity and capacity to support additional signal head loads; Analyzed the material properties, dimensions, and load-bearing capacity of the mast-arm to determine its suitability for the proposed modifications; and Identified any deficiencies or weaknesses in the existing mast-arm that required remediation or reinforcement. On the design of the new mast-arms, he developed a comprehensive design for a new mast-arm to accommodate the additional signal head load, adhering to FDOT standards and guidelines; Utilized structural engineering principles and FDOT specifications to determine the appropriate dimensions, materials, and construction techniques for the new mast-arm; and considered factors such as wind loading, traffic conditions, and environmental factors to ensure the structural stability and longevity of the mast-arm. He was also responsible for the design of box culverts with headwalls to facilitate the efficient conveyance of stormwater and drainage in compliance with FDOT regulations and integrated headwalls into the design to provide structural support and prevent erosion or scouring around the culvert openings. Mr. Cruz developed detailed quality control procedures and specifications for the installation of sheet pile walls to ensure compliance with project requirements and industry standards; conducted calculations to determine the appropriate sheet pile dimensions, driving parameters, and reinforcement requirements based on soil conditions and structural loads; and prepared construction plans and drawings depicting the layout, alignment, and specifications for the sheet pile wall installation, including excavation, driving sequence, and tieback anchorage details. The proposed project improvements include bridge modifications, signal mast arms, a 1.7 mile bulkhead wall along the existing CBWCD canal, evaluations of potential noise walls; and permitting. The proposed project improvements include reconstructing the existing roadway from four to six lanes, with a shared use path or bike lanes in each direction.

Booster Stations Seawall Repair #1, Miami-Dade County, Florida – Town of Medley

Structural Designer for designing rows of prestressed soil anchors (or similar drilled-in tiebacks) to provide horizontal resistance for the upper portion of an existing seawall. The repair will run the full length of the south pump station seawall plus roughly 10' on each side of the pump station building. Structural design of the wall will follow the requirements and recommendations of the Florida Department of Transportation Structure Design Guidelines, dated January 2016, Chapter 3 for Retaining Walls. Wall design calculations, assumptions, etc., will be documented in a computation book report. He is also responsible for assisting with hydraulic calculations, estimates of probable cost and permitting.

Seawall Design No. 9 for Palm Island Park, Miami-Dade County, Florida – City of Miami Beach

Project Manager and Engineer of Record for design and plans preparation for the replacement of the existing seawall (approx. 365 ft.) at the park area to meet the future City of Miami Beach requirements. The services include seawall design, environmental field reviews, survey, permit coordination, cost estimates, and utility coordination.

Mast Arm Traffic Signals, Broward County, Florida – City of Oakland Park
Structural Engineer for Mast Arm Signal design services at nineteen intersection locations throughout the City. The project is funded via Broward County Surtax. It includes upgrades and conversion from span wire assemblies to mast arms signals. Scope includes cost estimates, specifications, utility coordination, signalization plans, structural engineering, signing and pavement markings, traffic control plans, and drainage modifications.

SW 87th Avenue Bridge over Canal C-100 WO #1, Miami-Dade County, Florida – Miami-Dade County Department of Transportation and Public Works Engineering, Planning and Development
Structural Engineer for the design of a new bridge over the South Florida Water Management District (SFWMD) C-100 canal. The proposed bridge is located along SW 87th Avenue between SW 163rd Terrace and SW 164th Street and will carry both vehicle and pedestrian traffic.

Dewey Hawkins Landing Boat Ramp, Broward County, Florida – City of Oakland Park
Project manager and Engineer of Record for design and plans preparation. The scope will include raising the seawall at the park/boat ramp area to meet the future Broward County elevation requirements, construction of two new docks with similar footprints, boat ramp improvements, and a new kayak launch.

Miami Beach Bandshell Rear Canopy, Miami-Dade County, Florida – City of Miami Beach
Structural Engineer – The scope consists of the structural design of the backside canopy with a retractable roof capability. The proposed canopy must extend about 5' in front of the existing bleacher. Existing bleachers will remain in place. The project scope includes *Schematic Design Phase, Design Development Phase, Historic Preservation Board Approval Phase, Construction Documents Phase*.

Materials Storage Facility at Water Treatment Plant, Palm Beach County, Florida – Village of Palm Springs
Structural Project Engineer: He was responsible for preparing the plans for construction plans of a cast in place structure to serve as a material storage facility within the property of the Village of Palm Springs Main Water Plant.

Lakeside Community Hurricane Damage Repair, Miami-Dade County, Florida – Town of Medley
Structural Designer for designing repairs to damaged seawalls due to Hurricane Irma. Erosion control methods, pollution prevention precautions, and earthwork construction are included in the project. He prepared a comprehensive structural assessment report, identifying any seawall deficiencies throughout the whole perimeter of the Lakeside Community Center. He participated in preparing the FEMA documents required to secure funding for the repairs.

B 134 Paint Building, Palm Beach County, Florida – South Florida Water Management District
Structural Designer. He provided structural engineering services for the project which included wind loading calculations on the prefabricated building, foundation calculations and reinforcement design. This input will be used in producing plans and SFWMD standard specifications will be used to tailor towards this project. RJ Behar provided input in the engineering design report.

Hook Square Pump House Replacement – City of Miami Springs, Florida / Bermello Ajamil & Partners
Structural Engineer for the replacement of one old stormwater pump station (Hook Square) that transfers water from the City's closed canal system to the SFWMD's C-6 Canal. He was in charge of design of the structural modifications, which included a new roof, pump platform, new doors and installation of new ventilation

Congress Avenue over Lake Worth Drainage District (LWDD) L-32 Canal Improvements, Palm Beach County, Florida – Palm Beach County Engineering & Public Works Roadway Division (PBCE&PWRD)
Structural engineer for the design of a concrete barrier wall on the southeast side of the bridge. The concrete barrier modifications will extend from the existing bridge barrier behind the sidewalk.

Paint Two Bridges of Turnpike Main Line over CR 709, St. Lucie County, Florida – Florida Turnpike Enterprise
Structural Designer in charge of preparing construction plans and specification package to facilitate the repainting of the structural steel components and the recoating of the concrete surfaces of the bridges and adjacent walls located on or over the SR 91/Florida's Turnpike. He conducted the field inspection and work on the plans preparation.

Pedestrian Bridge over the Biscayne Canal, Miami-Dade County, Florida – City of North Miami – Structural Engineer for the construction design plans of a new pedestrian bridge over the Biscayne Canal. The existing bridge is located between NE Second Avenue and Griffing Boulevard, approximately 1,400-feet south of the existing N.E. 135th Street vehicular bridge. The existing bridge carries both pedestrians and utilities. The new pedestrian bridge will replace the existing pedestrian bridge in its entirety. All existing abandoned utilities currently mounted to the bridge will be removed and no allowance for future utilities will be accommodated on the new bridge. The bridge design includes the investigation of two alternatives considering span configuration, material type and foundation support for the bridge main span crossing Biscayne Canal. Select main span bridge type, aesthetics, and layout. Determine abutments, retaining walls, and approach span layout for the preferred main span configuration. Prepare preliminary and final plans for the proposed bridge.



GERARD NAZAIRE JR. PE, MSE

BRIDGE DESIGN, MISCELLANEOUS STRUCTURES, BUILDINGS, INSPECTIONS

EDUCATION:
M.S. Structural Engineering, Florida International University, 2014
B.S. Civil Engineering, Florida International University, 1999

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
24 Years	2023 – Present	Pembroke Pines

PROFESSIONAL REGISTRATIONS
P.E. Florida License No. 74536, 2012

ENGINEERING EXPERIENCE

Mr. Nazaire is a civil and structural engineer with 24 years of combined experience in structural and bridge engineering; his expertise includes finding the most efficient ways to obtain solutions to problems. He has developed Mathcad sheets to perform steel design, and the connections of steel structures, as well as Mathcad sheets to perform design using the AASHTO Strip Method. He communicates the steps of his efforts to the team to make sure the approach he follows is the most time efficient to obtain the goals established. Mr. Nazaire has extensive knowledge and application of the following software programs: LEAP Bridge Concrete, FB Pier, LARSA, STAAD, Mathcad, Shoring Suite, CWALSH, Open Bridge Modeler, Geopak, Microstation, Auto Cad, and Microsoft Office.

RELEVANT EXPERIENCE

I-75W2 Structure Replacement, Collier County, Florida – South Florida Water Management District (SFWMD)
Structural Engineer performing structural analysis and design of the control building for the construction of a new, locally, and remotely operated, water control structure in the alignment of the I-75 Canal.

Pedestrian Bridge over the Biscayne Canal, Miami-Dade County, Florida – City of North Miami
Structural Engineer for the construction design plans of a new pedestrian bridge over the Biscayne Canal. The existing bridge is located between NE Second Avenue and Griffing Boulevard, approximately 1,400' south of the existing N.E. 135th Street vehicular bridge. The existing bridge carries both pedestrians and utilities. The new pedestrian bridge will replace the existing pedestrian bridge in its entirety. All existing abandoned utilities currently mounted to the bridge will be removed and no allowance for future utilities will be accommodated on the new bridge. The bridge design includes the investigation of two alternatives considering span configuration, material type and foundation supports for the bridge main span crossing Biscayne Canal. Select main span bridge type, aesthetics, and layout. Determine abutments, retaining walls, and approach span layout for the preferred main span configuration. Prepare preliminary and final plans for the proposed bridge.

Hook Square Pump House Replacement, Miami-Dade County, Florida – City of Miami Springs
Structural Engineer for the plans design of the replacement of an old stormwater pump station (Hook Square) that transfers water from the City's closed canal system to the SFWMD's C-6 Canal. This pump provides flood control to local residents, and businesses located in the basin, as well as several neighboring communities along South Royal Poinciana. The work will include replacing the existing wood deck and steel beams where the existing pump is located and replacing the building roof in coordination with the project architect. To replace the wood deck, RJ Behar will evaluate using galvanized steel grating.

I-95/SR 9 Interchange at 6th Avenue South, Palm Beach County, Florida – Florida Department of Transportation (FDOT), District 4
Structural Engineer responsible for the quality control/quality assurance of the MSE walls.

Pine Island Road from Griffin Road to Nova Drive, Broward County, Florida – Broward County Construction & Engineering Division
The proposed project improvements include reconstructing the existing roadway from four to six lanes, with a shared use path or bike lanes in each direction. Additional improvements include bridge widening, signalization, signing and pavement markings, lighting, bulkhead wall along the canal, and landscaping. RJ Behar was responsible for roadway, drainage, bridge widening design, traffic analyses, signing and pavement markings, signalization, lighting, design of the bulkhead wall, permitting, utility coordination, and public involvement. **Role:** Structural Engineer who prepared revised plan markups and performed detailing for the additional bulkhead wall 6. He also performed calculations on capacity of the shear key for panel portion of wall, detailing the rebar, and producing a rebar list.

Miami-Dade County Coastal Structures Resiliency Enhancement, Miami-Dade County, Florida – South Florida Water Management District (SFWMD)
Project Description: The SFWMD is planning to implement a project to enhance the gates of several of the coastal structures in Miami-Dade County. The goal of this is to develop conceptual details for retrofitting and extending the height of the existing structures' gates to protect against high tide backflow. Role: He updated the bolt design, downloaded and arranged notes from field visit, updated design for the individual gates, updated the report to reflect the changes, and performed plan markups.

OTHER RELEVANT EXPERIENCE

Old Seven Mile Bridge Repair Project, Monroe County, Florida – (FDOT), District 6
Senior Structural Engineer who Performed a 3-D Modeling of steel frame structure to facilitate the repair of a damaged pier of the Old Seven Mile Bridge, along with its connections. **Company:** Chrome Engineering, Inc.
Bridge over Seaview Canal, Monroe County, Florida – FDOT, District 6
Senior Structural Engineer. He performed the design and rating of the reinforced concrete slab bridge over the Seaview Canal, as well as detailed the plans. **Company:** Chrome Engineering, Inc.
SR 90/US 41/SW 8th Street at SW 109th Avenue Pedestrian Bridge Replacement, Miami-Dade County, Florida – FDOT, District 6
Project Engineer who performed a 3-D Modeling of the Cable-Stayed FIU Pedestrian Bridge using LARSA in order to obtain the stresses in the cables and reactions at the supports; also performed the preliminary deck design of the bridge using the AASHTO strip method and performed analysis of piers and foundations of the bridge.
West Bound Ramp over NW 138th Street/FEC RR, Miami-Dade County, Florida - Miami Dade Expressway (MDX) Authority
Bridge Engineer II who provided bridge end bent design.
All Aboard Florida Project (Brightline) – Florida East Coast Industries (FECI)
Bridge Engineer II who was responsible for providing Pier Design using Leap Bridge Concrete, Group Pile Design using FP Pier. He provided typical section details of End Bents, Pile Bents, and Pier. Mr. Nazaire also provided analysis of Group Pile Design for post design services.
Port Bypass Road Concept plans, Broward County, Florida – FDOT D4
Bridge Engineer II who was responsible for a Florida-I Beam (FIB) Girder Design using Leap Bridge Concrete.
Conventional and Bridge Mounted Sign Structure Design, Miami-Dade County, Florida - Miami Dade Expressway (MDX) Authority
Bridge Engineer II who provided design services for conventional and bridge mounted sign structure design.
SR 9/SR 869 and SR 9/Hillsboro Boulevard Interchange Concept Development Plans, Fort Lauderdale, Florida – FDOT D4
Bridge Engineer II for the preliminary pier analysis, beam load ratings as well as developing phase construction of typical sections of bridges.
I-595 Corridor Roadway Improvements Project, Broward County, Florida – FDOT District 4
Structural Engineer: He was responsible for providing design of bridge deck slabs as per the Structures Design Guidelines using an Excel Spreadsheet or Mathcad and detailing of bridge deck slabs. Mr. Nazaire was also responsible for Bridge pier analysis; Analysis of reinforced concrete columns and detailing using PCA Column and Microstation; Anchored and Cantilevered steel sheet pile design using Shoring Suite, and/or CWALSH; Design of Anchor Connection using LRFD and AASHTO codes; Anchor Plate Design. Pile lateral stability analysis using FB Pier; Sound wall and sound wall foundation design; Design of Traffic Signal Mount; and Quantity Take-off for bridge construction using the BOE Manual.



HANS MURZI, PE, CFM

WATER RESOURCES ENGINEER/PERMITS

EDUCATION

M.S. Environmental Engineering, Florida International University, 2002
B.S. Chemical Engineering, University of Los Andes, Merida, Venezuela, 2000

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
23 Years	2014 – Present	Pembroke Pines

PROFESSIONAL REGISTRATIONS

- P.E. Florida License No. 67767, 2008
- Certified Floodplain Manager
- Qualified Stormwater Management Inspector

PROFESSIONAL SOCIETIES

- Tao Chi Alpha – Environmental Engineers Honor Society
- Water Environment Federation
- American Society of Civil Engineers

ENGINEERING EXPERIENCE

Mr. Murzi is a water resources engineer with experience including hydrologic and hydraulic analysis and modeling of rivers and flood control systems, natural resources restoration projects and watershed management. He has extensive experience in roadway drainage design, drainage field inspections, drainage plan reviews and QA/QC of water resources models and drainage reports. His experience includes the use of several computer programs such as XPSWMM, HEC-RAS, AdICPR, MIKE SHE/MIKE 11, ASAD, ArcGIS. Mr. Murzi is a Certified Floodplain Manager. He is also member of the ACEC-FL Water Resources Committee. Mr. Murzi serves as one of two District Drainage Engineers for the Central Broward Water Control District.

RELEVANT EXPERIENCE

Pedestrian Bridge over the Biscayne Canal, Miami-Dade County, Florida – City of North Miami
Project Manager for the replacement of the existing Pedestrian Bridge over the South Florida Water Management District C-8 canal (Biscayne Canal). The new pedestrian bridge will replace the existing pedestrian bridge in its entirety. All existing abandoned utilities currently mounted to the bridge will be removed and no allowance for future utilities will be accommodated on the new bridge. Design services include roadway plans including general construction plan and profile sheets, typical sections, detail sheets, traffic control plans, erosion control details and plans. Bridge design includes to investigate two alternatives considering span configuration, material type and foundation supports for the bridge main span crossing Biscayne Canal. Select main span bridge type, aesthetics, and layout. Determine abutments, retaining walls, and approach span layout for the preferred main span configuration. Prepare preliminary and final plans for the proposed bridge. The scope of work also includes utility coordination, permitting with SFWMD, USACE, and Building Department.

Oakhill Culvert Replacement, Broward County, Florida – Town of Davie
Project Engineer during design and Project Manager during construction. He was responsible for the design, including quantities and cost estimates. The project consisted of the coordination, design, permitting, and bidding assistance for the replacement of a culvert bridge in the Oakhill neighborhood.

Cypress Weir 1 (Gold4A) Relocation Design, Collier County, Florida – South Florida Water Management District
Hydraulics Engineer. He performed the HEC-Ras Modeling of the new structure, the riprap design and the site drainage calculations. The project is to relocate Cypress Canal Weir #1 (GOLD4A), in Naples, FL. The new project will include the construction of a new locally and remotely operated water control structure in the new alignment of Cypress Canal, approximately 2000 ft east of the existing weir. The new structure includes a bridge over the Cypress Canal, new gates, control buildings, stilling well platforms on concrete piles and miscellaneous appurtenances.

Seawall Design at Tobie Wilson Park, Miami-Dade County, Florida – Town of Medley
Project Engineer responsible for preparing the fill and dredge plans and permitting packages for SFWMD (ERP and ROW) and USACE (Sections 404 and 408). The scope of work included a design of approximately 850 feet of a new bulkhead wall located along the south bank of the Miami Canal.

Booster Stations Seawall Repair #1, Miami-Dade County, Florida – Town of Medley
Project Engineer responsible for preparing the fill and dredge plans and permitting packages for SFWMD (ERP and ROW) and USACE (Sections 404 and 408). The project included repair of damaged seawalls after hurricane Irma.

Central Broward Water Control District (CBWCD) Engineer Services – Broward County, Florida
District Engineer responsible for reviewing plat submittals, paving and grading plans and as-built plans for development permits in the CBWCD. Responsibilities include ensuring that all site plans comply with CBWCD engineering criteria, review and evaluate requests for variances, and provide technical support to CBWCD Board during public hearings for variances request. Site visits are performed as necessary as well as coordination with CBWCD staff in order to ensure that site development requirements are met.

Interim City Engineer Services, Broward County, Florida – City of Hallandale Beach
Project Manager: RJ Behar was contracted by the City of Hallandale Beach, as part of a miscellaneous engineering contract, to provide interim City Engineer Services. He was responsible for the following group of tasks: Permit Reviews, Development Reviews, General Consulting Civil Engineering Services, and Inspections.

Turnpike Widening from Johnson Street to Griffin Road, Broward County, Florida – Florida Turnpike Enterprises
Drainage Engineer responsible for the stormwater management design, AdICR modeling and Pond Siting Report for the project. RJ Behar is responsible for the Location Hydraulics Technical Memorandum, Stormwater Management Concepts Report, Pond Siting Report/Stormwater Management Alternatives Report and Stormwater Management Design Report.

NE 151st Street Improvements, Miami-Dade County, Florida – Oleta Partners LLC/Miami-Dade County
Project Engineer: Drainage design includes a series of interconnected French drains with drainage wells. The design was especially challenging because of the presence of contamination in several parts of the project. Drainage design included a series of drainage wells and outfall. The project included the design of a 72" culvert, which discharges to Biscayne Bay. The culvert will serve as an outfall for the NE 151st Street and Bay Vista Boulevard project. The culvert was permitted with Miami Dade County Department of Regulatory and Economic Resources (DRER) and the SFWMD. NE 151st Street is an off-system roadway bound by the Florida Greenbook, for its design criteria. He was responsible for the drainage design and permitting.

Lyons Park Neighborhood Improvement Project, Pompano Beach, Florida – City of Pompano Beach
Assistant Project Manager: He was responsible for the preparation of the stormwater design of the proposed improvements. The project area suffers from flooding problems as documented in the City Stormwater Master Plan (SWMP). This project is intended to improve the drainage systems within the project area.

I-95 at 6th Avenue Final Design, Palm Beach County, Florida – Florida Department of Transportation (FDOT) D4
Project Drainage Engineer. The project includes widening of ramps and of 6th Avenue South as part of the Interchange Improvements, milling and resurfacing, adding bike lines, upgrading roadway signs and curb ramps to meet the current ADA standards, adding exclusive right turn lanes, and modifications to existing CSX tracks and overhead railroad structure.

SR-5/US-1 Lateral Ditch Restoration, Indian River County, Florida – FDOT, District 4
Project Engineer: He assisted with the permit package and with the plan's preparation. The permitting included evaluation of impacts to endangered species, mangroves, sea grasses, and oyster reefs. RJ Behar prepared the permit packages and the fill and dredge sketches for permitting of the project.

Alhambra Place Drainage Improvements Study, Palm Beach County, Florida – City of West Palm Beach
Project Manager/Engineer of Record who was responsible for the field visits, data collection, evaluation of existing conditions, evaluation of possible alternatives to mitigate flooding conditions, and preparing a report with the summary of findings and recommendations. Among the alternatives studied were the use of French drains, adding additional inlets and increasing the size of existing outfalls.

Municipal Separate Storm Sewer System (MS4), National Pollutant Discharge Elimination System (NPDES), Stormwater Assessment Program, Miami-Dade County, Florida – City of Hialeah
Project Engineer who was responsible for preparing the City Assessment Program Annual Report. This permit covers all areas located within the political boundary of the City of Hialeah that is served by the MS4 owned or operated by the City. The purpose of this assessment program is to provide information for the City of Hialeah to determine the overall effectiveness of its Stormwater Management Program (SWMP) in reducing stormwater pollutant loadings from its Municipal Separate Storm Sewer System (MS4) to receiving water bodies.

48-Year Community Block Grant Development Improvements, NW 9th Street between NE 2nd Avenue and N. Dixie Highway, Broward County, Florida – City of Hallandale Beach
Project Manager/EOR for the roadway and drainage design. The scope included drainage improvements, milling and resurfacing, swale regrading, sodding and other miscellaneous improvements. RJ Behar performed the data collection, project management, utility coordination, permitting, drainage design, and plans production of the project.

S-40, S41 and S-44 Gate Replacements and Concrete Repairs, Palm Beach County, Florida – SFWMD – Project Engineer for civil design and permitting packages (fill and dredge plans). The project consisted of the design, fabrication and installation of new stainless steel vertical lift roller gates and frames for coastal structures S-40, S-41 and S-44; replacing the existing hydraulic hoist systems to a new cable (rope) drum hoist system for structures S-40 and S-41; furnishing and installing riprap at the embankments for structures S-40, S-41 and S-44; and to address civil/structural/mechanical/electrical deficiencies.

NW 87th Avenue, Miami-Dade County, Florida – FDOT, District 6 – Project Engineer responsible for revisions to the drainage design. He prepared the dewatering plan and permit package for the SFWMD dewatering permit.



ELMER CARDENAS, MS, PE, CEI

SR CIVIL ENGINEER

CERTIFIED ENVIRONMENTAL INSPECTOR, PERMITS

EDUCATION

MS Environmental Engineering, Florida International University, 2001
BS Civil Engineering, National University of Engineering, Lima, Peru, 1984

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
37 Years	2014 – Present 2001 – 2004	Pembroke Pines

PROFESSIONAL REGISTRATIONS:

Professional Engineer Florida License No. 62988, 2005
Certified Environmental Inspector, Environmental Assessment Association, EA-17007

ENGINEERING EXPERIENCE

Mr. Cardenas has numerous years of engineering experience. He is responsible for the design and plans preparation for civil engineering, water resource, and sanitary sewer projects. He has extensive experience in environmental engineering and utility projects and has designed and supervised construction of water distribution systems and drinking wells. He has experience with the use of Environmental models: SWMM (Stormwater Management Model), and HSSM (Hydrocarbon Spill Screening Model) and hydraulic models AdICPR, ASAD and HEC-RAS. Mr. Cardenas is a Certified Environmental Inspector and has prepared numerous environmental site assessments.

RELEVANT EXPERIENCE

Lyons Park Neighborhood Improvement Project, Broward County, Florida – City of Pompano Beach
Project Engineer for the preparation of the Basis of Design Report (BODR), sanitary sewer design of the wastewater collection system and schematic design of proposed water improvements. The purpose of the project is to improve the drainage system, replace sanitary sewer lines, replace the water service lines to meet the newer city standards. Services included data collection, utility coordination, permitting, and cost estimating.

Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County, Florida – Florida Department of Transportation (FDOT), District 4/Florida Highway Administration (FHWA)
Project Engineer responsible for the preparation of the Bridge Hydraulics Report (BHR) for the bridge located over E-84 canal. The project includes reconstruction of Port St. Lucie Boulevard from 2-lanes rural section to 4-lanes urban curb and gutter section with shared use path on both sides of the roadway; replacing of the existing bridge over E-84 canal; installing a closed drainage system and new signalized intersection (mast arms) at SW Gig Place. Other improvements include signing and pavement marking, lighting and landscape.

Paint Two Bridges of Turnpike Main Line over CR 709 in St. Lucie County, Florida – Turnpike Enterprise
Project Engineer of a project to prepare construction plans and specification package to facilitate the repainting of the structural steel components and the recoating of the concrete surfaces of the bridges and adjacent walls located on or over the SR 91 (Florida's Turnpike) in St. Lucie County. He prepared the Quality Control and Assurance plan and assisted with in-house production.

Paint Two Bridges of Turnpike Main Line over Rim Ditch Canal-24, St. Lucie County, Florida – Florida Turnpike Enterprise
Project Engineer of a project to prepare construction plans and specification package to facilitate the repainting of the structural steel components and the recoating of the concrete surfaces of the bridges and adjacent walls located on or over the SR 91 (Florida's Turnpike) in St. Lucie County. He prepared the Quality Control and Assurance plan and assisted with in-house production.

Atlantic Shores Boulevard Improvements, Broward County, Florida – City of Hallandale Beach
Project Engineer responsible for drainage design and permitting. The project consists of providing design development and construction administration for Atlantic Shores Boulevard improvements. RJ Behar prepared a Sea Level Rise and Sustainability Memorandum aimed at addressing these concerns and providing possible solutions and methods for a more resilient design. RJ Behar completed a preliminary evaluation of costs for upgrading the water and sewer infrastructure and completed the drainage design and permitting packages for the project.

SR 710/Warfield Boulevard from MP 9.771 to MP 14.945, Martin County, Florida – FDOT, District 4
Project Engineer responsible for peer review of drainage report and roadway drainage plans.

I-95 at 6th Avenue Interchange Design, Palm Beach County, Florida – FDOT, District 4
Project Engineer who assisted with the drainage analysis and report. The project includes widening of ramps and of 6th Avenue South as part of the Interchange Improvements, milling and resurfacing, adding bike lines, upgrading roadway

signs and curb ramps to meet the current ADA standards, adding exclusive right turn lanes, and modifications to existing CSX tracks and overhead railroad structure.

Stormwater Improvements Area West of Hiatus Road Phase II, Broward County, Florida – Town of Davie
Project Engineer who was responsible for drainage design for the improvements. The project scope consists of the design for the stormwater to improve the flooding conditions within the project area.

Gilbert Samson Ocean Front Park, Miami-Dade County, Florida – City of Sunny Isles Beach
Project Engineer for the design of the sanitary lift station. Scope of services included the design and permitting of the proposed sewer line and grinder pump on the property, in conjunction with managing all the design aspects of the project. RJ Behar was also responsible for the site geometry, grading, and drainage design.

Fort Lauderdale-Hollywood Airport Pedestrian Bridges, Broward County, Florida – Broward County Aviation Department
Project Engineer: He assisted with the inspection and providing RPR services for the pedestrian Bridges Soffit Replacement at Terminals 2, 3, and 4.

Fort Lauderdale-Hollywood Airport T-4 Expansion, Broward County, Florida – Broward County Aviation Department
Engineer of Record representative during construction phase for the T-4 terminal expansion. His duties included technical review of submittals and maintenance manual review, responding to RFI's, engineering support during construction, substantial completion review, final acceptance and completion review, field inspections, preparation of final record drawings and permit closeout. He witnessed several waterline tests. He also provided daily inspections, monitoring of the construction operations and reporting for the removal of floating product using skimmers and installation of an air sparging system as part of the contaminated soils remediation plan.

Property at 7400 NW 79th Avenue Phase I Environmental Site Assessment, Miami-Dade County, Florida – Miami-Dade County Regulatory and Economic Resources Environmental Cleanup, Compliance and Related Services Contract
Enviromental Engineer for the Phase I Environmental Site Assessment. Scope of project included a review of records from federal, state, and local agencies and from historical sources (aerial photographs and topographic maps) to identify past and present environmental conditions of the subject property and adjoining properties. A site inspection that includes visual observation of the property to determine current site conditions and evidence of environmental issues that may affect the property, and report preparation.

Turnpike Widening from Johnson Street to Griffin Road, Broward County, Florida – Florida Turnpike Enterprises
Drainage Engineer responsible for the stormwater management design. RJ Behar is responsible for the Location Hydraulics Technical Memorandum, Stormwater Management Concepts Report, Pond Siting Report/Stormwater Management Alternatives Report and Stormwater Management Design Report.

Alture Westland Sanitary Sewer Upgrade, Miami-Dade County, Florida – City of Hialeah
Project Engineer who is responsible for the preparation of plans and specifications to replace an existing sanitary sewer with larger pipes. The project is due to an agreement with DERM and requires replacing/upsizing the last two segments of sanitary sewer coming from the west side into Pump Station 116. The length of the sanitary sewer pipes requiring upgrading is approximately 450 feet.

Lift Station 107 Rehabilitation, Broward County, Florida – City of Sunrise
Project Engineer for the preparation of the site plans and civil design of the project. The project involved rehabilitating the existing lift station, converting the existing wet pit/dry pit design to a submersible pump configuration and partially filling the existing dry well, converting it to a valve vault.

Public Works Surface Water License Modifications and Parking Lot Design, Broward County, Florida – City of Hallandale – Project Engineer who is responsible for drainage permitting modification with Broward County Environmental Protection and Growth Management Department (BC EPGMD). The purpose of this project is for the reconfiguration of the Public Works compound (DPW) to better utilize the existing space. The City desires to fill in the area located in the northwest corner of DPW that is currently occupied by a stormwater retention pond. This area would be used for the city's sanitation fleet vehicles. The scope of services will include design of the new parking lot (geometrics, grading, drainage, lighting) and modification of the existing water surface permit/license.

City Engineering Services, Broward County, Florida – City of Hallandale – Project Engineer responsible for Development Reviews, which consists of the following services: *1) Site Plans and Civil Reviews, Minor Reviews for their conformity with Engineering Standards of the Land Development Regulations, as requested by the Planning & Zoning Department. 2) Attend Development Review Committee (DRC) meetings as requested and scheduled by the Planning & Zoning Department.*



PAOLA RIVEROS, PE
DIRECTOR OF TRANSPORTATION ENGINEERING
ROADWAY RESURFACING

EDUCATION
B. S. Civil Engineering, Florida International University; Miami, Florida, 2001

YEARS OF EXPERIENCE
24 Years

YEARS WITH RJ BEHAR
2001 – Present

OFFICE LOCATION
Pembroke Pines

PROFESSIONAL REGISTRATIONS
- PE Florida License No. 74249, 2012
- PE Washington, DC License No. 905769, 2010

PROFESSIONAL SOCIETIES
- American Association of Civil Engineers
- Association of General Contractors

ENGINEERING EXPERIENCE
She has been the Engineer of Record on over 50 roadway projects. Ms. Riveros has been responsible for the preparation of roadway plans, drainage plans and site plans throughout South Florida. She has assisted in drainage design of stormwater management projects as well as roadway design. She has also performed construction cost estimates for improvements that included street construction, buildings construction, and landscaping projects. Ms. Riveros is well-versed in the use of AdICPR, ASAD, and HEC-RAS for stormwater and hydraulic design and OpenRoads software for roadway design and electronic delivery of FDOT plans. Her responsibilities have included the preparation of drawings in MicroStation OpenRoads for civil and roadway projects. At RJ Behar, Ms. Riveros is responsible for support in drainage and permitting projects. She has drafted and performed revisions to site, utility, drainage, and landscaped plans. She has managed the production of and coordinated with other junior engineers and technicians on several FDOT projects. She was a recipient of the Governor's Project Team Award for her participation as Project Manager on the I-95 PD&E study from Stirling Road to Oakland Park Boulevard. She is a Subcommittee Member of the Geometric Design Chapter 3 of the Florida Greenbook.

RELEVANT EXPERIENCE
Lyons Park Neighborhood Improvement Project, Broward County, Florida – City of Pompano Beach
Project Engineer for the preparation of the 3D models for development of street profiles.

SW 87th Avenue Bridge over Canal C-100, Miami-Dade County, Florida – Miami-Dade County Department of Transportation and Public Works Engineering, Planning and Development
Highway Engineer for the design of the roadway portions of a project for the construction a new bridge over the SFWMD C-100 canal. The proposed bridge is located along SW 87th Avenue between SW 163rd Terrace and SW 164th Street and will carry both vehicular and pedestrian traffic.

Pine Island Road from Griffin Road to Nova Drive, Town of Davie, Florida – Broward County Highway Construction and Engineering Division
Project Engineer: The proposed project improvements include reconstructing the existing roadway from four to six lanes, with a shared use path or bike lanes in each direction. Additional improvements include new drainage, bridge widening, signalization, signing and pavement markings, lighting, bulkhead wall along the canal, permitting, and landscaping.

Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County, Florida – Florida Department of Transportation (FDOT), District 4/Federal Highway Administration (FHWA)
Project Manager responsible for the roadway design, drainage analysis, lighting design, traffic control design, miscellaneous structures, signing and pavement markings, signalization, utility coordination. The project includes reconstruction of Port St. Lucie Blvd. from 2-lanes rural section to 4-lanes urban curb and gutter section with shared use path on both sides of the roadway; replacing of the existing bridge over E-84 canal; installing a closed drainage system and new signalized intersection (mast arms) at SW Gig Place. Other improvements include signing and pavement marking, lighting and landscape.

SR-A1A Resurfacing Project, Palm Beach County, Florida – FDOT, District 4
Project Designer for this RRR project from the Boynton Inlet Bridge to SR-802. The project included milling and resurfacing for 4 miles and reconstruction of 1 mile of a major rural roadway, as well as drainage improvements, coastal drainage studies, pavement marking and signing, overhead signing plans, lighting plans, three signal locations, bridge plans, wetland mitigation, public involvement, design documentation and landscape plans. She prepared all the roadway plans and performed the AdICPR drainage modeling of existing and proposed conditions.

I-95 at 6th Avenue Interchange Design, Palm Beach County, Florida – FDOT, District 4
Project Manager responsible for the interchange improvements, which includes a Level IV CAP, six typical sections, pavement design, access management, TCP plans, temporary lighting on all ramps, drainage, utility coordination,

Environmental Permits, signing and marking plans, signalization and complete management of all subconsultants. The project includes widening of ramps and 6th Avenue as part of the Interchange Improvements, milling and resurfacing, adding bike lines, upgrading roadway signs and curb ramps to meet the current ADA standards, adding exclusive right turn lanes, and modifications to existing CSX tracks and overhead railroad structure.

Cresthaven Boulevard from Jog Road to Military Trail, Plam Beach County, Florida – Palm Beach Roadway Division
The project consists of the design of a two-lane roadway known as Cresthaven Boulevard from Jog Road to Military Trail with buffered bike lanes including roadway plans, pavement marking and signing, plans, signalization plans for three signalized intersections, and bridge widening.

NE 3rd Avenue from NE 54th Street to NE 58th Street, Miami-Dade County, Florida – City of Miami
Project Manager responsible for roadway reconstruction, drainage improvements, permitting side reconstruction, ADA ramps, curb and gutter, signing and pavement markings, utility coordination, and minor landscaping. Scope of services also included design of an 8-inch ductile iron waterline along NE 3rd Avenue from NE 54th Street to NE 58th Terrace owned by Miami-Dade Water and Sewer Department though a Joint Project Agreement with the City.

City of Lauderdale Lakes Canal System Stabilization Project, Broward County, Florida – City of Lauderdale Lakes
Project Engineer: The City of Lauderdale Lakes owns and maintains approximately 11 miles of canals distributed throughout the City. The existing canals have a mix of different types of seawall systems and revetment systems in different stages of disrepair. Ms. Riveros led the effort to perform the field inspections on land and by boat, prepared the alternative evaluation matrix, and the final report of the canal evaluation with conclusions and recommendations. She also prepared plans for improvements.

SR 25/US 27/Okeechobee Road from W of SE 7th Avenue to N of NW 36th Street, Miami-Dade County, Florida – FDOT, District 6
Project Engineer responsible for roadway design and signalization plans. There were seven typical sections identified within the project limits. Along SR 25, the predominant typical section consisted of a two-lane divided road with a landscaped median, curb & gutter on both sides and sidewalk along the north side. Along SR 953, the predominant typical section consisted of three lanes divided, with curb & gutter and sidewalk on both sides. Along the Frontage Road, the typical section consisted of one lane with a design speed of 35 mph. The scope of work included milling and resurfacing, intersection island modifications and removals, upgrading pedestrian facilities to comply with ADA requirements, guardrail upgrades, signalization improvements, new signing and pavement markings and bridge railing upgrades. Special intersection lighting was scheduled for this intersection. The project scope also included the addition of paved shoulders along both sides and culvert relocation at Frontage Road.

NW 87th Avenue, Miami-Dade County, Florida – FDOT, District 6
Project Engineer who was responsible for revisions to the drainage plans, and completion of the drainage report.

NE 151st Street Improvements, Miami-Dade County, Florida – Oleta Partners LLC/Miami-Dade County
Project Engineer: She was responsible for assisting with the roadway design, drainage design, signing and pavement markings, signalization, lighting, wetland assessment, and utility coordination. NE 151st Street is an off-system roadway bound by the Florida Greenbook, for its design criteria. Drainage design includes a series of interconnected drainage wells and outfall.

Design/Build I-595 Final Design, Broward County, Florida – FDOT, District 4
Project Engineer involved with the drainage design for several sections of the corridor. Design tasks included exfiltration trench design, storm sewer design and analysis, and both wet and dry retention/detention stormwater management pond designs. She was involved in the drainage design of two segments of the Turnpike roadway. Also performed plan modifications after RFC plans were issued and directed the plans preparation with other designers and technicians. The design involved the use of spreadsheets, AdICPR, ASAD and Microstation.

Andrews Avenue, Broward County, Florida – FDOT, District 4
Project Engineer for the preparation of the pond siting report and design of the stormwater management system. She also performed the nutrient analysis for removal of phosphorous and nitrogen loads. **Project Length:** 0.36 miles

SR-710/Beeline Highway from Northlake Boulevard to SR-708/Blue Heron Boulevard, Palm Beach County, FL – FDOT, District 4 – Project Engineer responsible for the roadway and stormsewer design to accommodate the 10-lane section widening of Florida Turnpike over SR 710. She was responsible for typical sections, horizontal and vertical geometry, cross sections and design of the stormsewer collection.

CR-712/Midway Road from W of 25th Street (CR 615) to E of US-1/SR-5, St. Lucie County, Florida – FDOT, District 4
Project Engineer: She assisted with the pond siting report, drainage improvements, including 6 wet ponds, varying from 1 to 4-acres in size, and swale regrading for side streets. These ponds and swales were used for water quality treatment including nutrient treatment of phosphorous and nitrogen loads, and storm attenuation.



CARMELO J. RAMOS, P.E.
ELECTRICAL ENGINEER/ EMERGENCY POWER PROJECTS

EDUCATION
M.S. Engineering Management, 2012, Polytechnic University of Puerto Rico
B.S. Electrical Engineering, 2007, Polytechnic University of Puerto Rico

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
14	2019 - Present	Pembroke Pines

PROFESSIONAL REGISTRATIONS
P.E. Florida License No. 77953, 2012

SPECIAL QUALIFICATIONS
Advanced Building Code Course Credit, 2019
Electrical & Computer, 2014

ENGINEERING EXPERIENCE

Mr. Ramos is a Senior Electrical Engineer with experience in planning, design, construction, alteration, maintenance, repairs and life cycle support of building assets. He has experience with high voltage power distribution, electrical design for commercial, residential and military facilities. At RJ Behar, he provides support with electrical and lighting design of sites and building facilities. He is proficient in the software skills of IBM Maximo, AutoCAD, Solid Work, Microsoft Office, and multiple Project Management Programs.

RELEVANT EXPERIENCE

SW 87th Avenue Bridge over C-100 Canal, Miami-Dade County, Florida – Miami-Dade Department of Public Works
Senior Electrical Engineer who provided the design for the lighting system of the new bridge. The electrical design for the project included coordination with FP&L for the service point, design of inset light fixtures, 70-watt LED, wall mounted luminaires with asymmetrical distribution, mounted on the surface of the bridge's concrete barrier.

S-135 By-pass Culvert and Dike Repairs, Martin County, Florida – SFWMD
Senior Electrical Engineer. He provided design of electrical modifications for abandonment of two 96-inch bypass culverts and removal of the actuated gates. The Final design included the repair of the By-pass culvert using chemical grout injection on the outside of the culverts and Cured In Place Pipe (CIPP) lining of the culvert's interior instead of abandoning the culverts.

40 Year Certification 225 Washington Avenue, Miami-Dade County, Florida – City of Miami Beach
Electrical Engineer responsible for the inspection of the life/safety components of the building (structural and electrical) and providing the certification form. The scope included structural inspection; conducting a building structural vulnerability inspection of the visual and accessible areas only; Electrical Inspection including visual inspection of primary electrical systems such as main power distribution, etc., inspection of secondary electrical systems such as lighting, receptacles, lightning protection, and conduits; and producing the Final Inspection Report (Structural and Electrical). The report indicated the deficiencies found (if any) of the building structural and electrical systems, elements, and miscellaneous components. RJ Behar also included preliminary recommendations for retrofits or repairs of the deficiencies found, including a preliminary estimate of probable construction costs. A digitally signed and sealed report for structural and electrical was delivered, including the certification form. The inspection followed the guidelines of the Miami Beach Building Department Minimum Inspection Procedural Guidelines for Building Structural Recertification.

I-75W2 Weir Structure Replacement Design - South Florida Water Management District (SFWMD)
Senior Electrical Engineer for the electrical, controls and electrical offsite service, and preparation of the Design Documentation Report for the construction of a new, locally and remotely operated, water control structure in the alignment of the I-75 Canal in Naples, Florida. He is coordinating with FP&L and the design team.

Hook Square Pump House Replacement, Miami-Dade County, Florida – City of Miami Springs
Senior Electrical Engineer. He provided electrical design for the replacement of one old stormwater pump station (Hook Square) that transfers water from the City's closed canal system to the SFWMD's C-6 Canal. The station will have a new 10,000 gpm, 40 hp vertical propeller pump and other improvements.

Public Works Surface Water License Modifications and Parking Lot Design, Broward County, Florida – City of Hallandale
Electrical Engineer who is responsible for lighting design for the new parking lot. The purpose of this project is for the reconfiguration of the Public Works compound (DPW) to better utilize the existing space. The City desires to fill in the area located in the northwest corner of DPW that is currently occupied by a stormwater retention pond. This area would be used for the city's sanitation fleet vehicles. The scope of services will include design of the new parking lot (geometrics, grading, drainage, lighting) and modification of the existing water surface permit/license.

Riverview Pump Station New Generator Post Design Services, Miami-Dade County, Florida – City of Miami
Senior Electrical Engineer who provided assistance during Post Design Services with inspections of the electrical work. The work on this project included the removal of the existing generator and the installation of a new 800Kv generator.
S-169W Relocation & C-20 Canal Armoring, Clewiston, Florida – SFWMD
Senior Electrical Engineer who provided inspection of electrical components including, panels installation, service meter, gate control panels, service pole raiser connection, and Generator Room. This Project encompasses construction of a new, remotely operated structure with four 8' by 11' gated, cast-in-place concrete box culverts. The project also included re-grading and riprap armoring of approximately 8,200 linear feet of the C-20 canal banks.
Cypress Canal Weir #1 (GOLD4A Relocation) Design, Naples, Florida – SFWMD
Senior Electrical Engineer: The new project included the construction of a new locally and remotely operated water control structure in the new alignment of Cypress Canal, approximately 2000 ft east of the existing weir. Mr. Ramos was in charge of the electrical design for the control building, gates, stilling wells, site, and site illumination. He assisted with the FP&L coordination, electrical design, electrical elements of the cost estimates and the specifications.
Copans Road Wastewater Transmission System Design - City of Coconut Creek
Senior Electrical Engineer. He was responsible for electrical design for the installation of a magnetic flow meter for Lift Station 12. This phase of the project included a new force main between LS 12 and an existing metering station which conveys flows east along Sample Road to a termination point at the NRWWTP, and a rehabilitated force main from LS 12 to the connection from the Wynmoor Community, just west of the Florida Turnpike.

OTHER RELAVENT EXPERIENCE

Miami Beach US Coast Guard Base, Electric Vehicle Charging Stations, Miami Beach, FL
Senior Electrical Engineer. Designed 5 Dual Port Electric Vehicle Charging Station in USCG Base, Miami Beach. The charging stations were designed on dedicated circuits 2-poles, 40 amps, and 240 V IAW NEC 2017 Article 625 Electric Vehicle Charging System.
Stand-By Generators USCG Base, San Juan, Puerto Rico
Design 1 emergency generator of 450KW for the US Coast Guard Base San Juan, Puerto Rico. The emergency generator will provide power to the Base Lift Station and Health Center.
Stand-By Generators USCG Housing, Bayamon, Puerto Rico
Design 9 stand-by generators 200KW each for the US Coast Guard Housing Complex. The stand-by generators will provide power to the Development Center, and Housing Clusters.
Stand-By Generators USCG Housing, Guaynabo, Puerto Rico
Project Design Manager for the new USCG Rio Bayamon Housing Stand-By Generators System.
Hangars Power Distribution, Clearwater, Florida
Project Design Manager for the new USCG Air Station Clearwater Hangars ($4M). The scope included design of 2 stand-by generators 150KW for the US Coast Guard Air Station Clearwater Hangars. The scope included provided wiring diagrams and schematics for the generators and transfer switch.

LIGHTING PROJECTS

Lighting Design with Photometric of Two 50,000 Square Feet Hangars at USCG Air Station Clearwater.
Electrical Engineer. The design included LED Fixtures, IP68 rated for wet location, and automatic lighting control for diming. The construction cost was $1.2M.
Lighting Design with Photometric of a 100-Space Parking and 50 Units Residential Complex at USCG Rio Bayamon Living Complex.
Electrical Engineer. The design included LED fixtures, and withstands winds up to 200 MPH poles structures.
The construction cost was $500K.
Lighting replacing of two story 4,500 square feet building at USCG Station Marathon.
Electrical Engineer. The design included LED fixtures.
The construction cost was $50k.



NESTOR SANTANA, PE

SENIOR PROJECT ENGINEER – CONSTRUCTION ENGINEERING/ MANAGEMENT/ADMINISTRATION, STRUCTURAL INSPECTIONS/COST ESTIMATES

EDUCATION
B.S. Civil Engineering, University of Puerto Rico, 1994

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
30 Years	2014 – Present	Pembroke Pines

PROFESSIONAL REGISTRATIONS: P.E. Florida License No. 85785, 2018

CERTIFICATIONS: **TIN#:** S535636684490

- Final Estimates I & II
- QC Manager
- Earthwork I & II
- Asphalt I & II
- FDOT Critical Structures Construction Issues
- Radiation Safety Officer
- Nuclear Gauge Hazmat Training
- Advanced Temporary Traffic Control Plans

ENGINEERING EXPERIENCE

Mr. Santana has years of experience in construction management for new construction and remedial projects of existing structures for the educational, pharmaceutical, sports and recreation, commercial sectors, roadway, and water/wastewater modernization programs. He has been responsible for the coordination, supervision, and inspection of a variety of public and private projects from budgeting to completion. He has been accountable for ensuring quality, safety, and schedules according to specifications, reviewing contract plans/specifications covering all building construction and mechanical and electrical installations, and developing preliminary findings on specifications, estimates, and recommendations for contract change orders. He brings specific relevant experience in civil work projects related to construction of concrete, steel, pumping stations, spillways, culverts, bridges, as well as site preparation to find technical solutions under difficult soil, foundation, and climatic conditions. His structural engineering experience includes design of steel frame structures, concrete and masonry.

RELEVANT EXPERIENCE:

Lyons Park Neighborhood Improvement Project, Construction Management Services, Broward County, Florida – City of Pompano Beach

Senior Project Engineer. He was responsible for overseeing construction operations, attending progress meetings, administration, management, quality control, monthly and final estimates (close-out package). His responsibilities included oversight of construction operations, administration, public relations, quality control, final estimates and claims analysis. He ensures the safety, schedule, cost tracking, estimating, and forecasting on the project. This project includes the design for the relocation of the sewers to the street's right-of-way and new lateral services. The project also included design of waterline relocations in areas where there are conflicts with other improvements. As part of the project, all the streets were reconstructed, with new pavement markings, and completely new stormsewer system, sanitary sewer system, and regraded swales. The design included structural design of seawall repairs for new outfalls.

Matheson Hammock Park Bridge Rehabilitation CEI, Miami-Dade County, Florida – Miami-Dade County DTPW

Senior Project Engineer and contract manager responsible for overseeing the staff assigned to the contract. Project scope is for the rehabilitation of the Matheson Hammock Park Road bridge over the Matheson Hammock Canal (Bridge No 874294). The existing bridge is a 100-foot three span, sonovoid slab bridge, approximately 35 feet wide. It includes concrete spalls repairs, delamination and cracks, installation of Carbon Fiber Reinforced Polymer wraps and structural jacket around a designated column and removal and replacement of existing post-tensioned wires/bars/strands.

NW South River Drive (121W-116W) CEI Services, Miami-Dade County, Florida – Town of Medley

Senior Project Engineer responsible for overseeing construction operations, administration, management, quality control, monthly and final estimates (close-out package). His responsibilities included oversight of construction operations, administration, public relations, quality control, final estimates and claims analysis. He ensures the safety, schedule, cost tracking, estimating, and forecasting on the project. The project consists of roadway and drainage improvements along NW South River Drive between NW 116th Way to NW 121st Way. The work includes, but is not limited to, the construction of a new drainage system with exfiltration trench, pipe culverts within an outfall the C-6 canal. The installation of concrete curb and gutter, curb inlets, manholes, valley gutter, guardrail, asphalt, signing and pavement markings, and installation of bike lanes on both sides of roadway.

GTL Regional Wastewater Treatment Facility, Broward County, Florida – City of Fort Lauderdale
Project Manager and Engineer of Record for rehabilitation of the existing Pretreatment Building. RJ Behar visited the jobsite to perform an assessment on all the repairs needed in the GTL Wastewater Treatment Plant specifically the Pretreatment Building and provided corrective actions recommendations for the repairs and included them in a written report. Plans with specific details and required analysis were developed to repair the concrete structural elements and areas that have been damaged or deteriorated.

Lakeside Community Hurricane Damage Repair, Miami-Dade County, Florida – Town of Medley
Cost Estimator who was responsible for the cost data to repair the damaged seawalls due to Hurricane Irma. Erosion control methods, pollution prevention precautions, and earthwork construction are included in the project. The project included a comprehensive structural assessment report, identifying any seawall deficiencies along the whole perimeter of the Lakeside Community Center. He participated in preparing the FEMA documents required to secure funding for the repairs.

G94 CMS Inspection Services, Palm Beach County, Florida – SFWMD
Onsite Representative: He assisted with inspecting the progress of the work, reviewing the Contractor's work is in compliance the specifications, documenting the progress of the work through daily reports and pictures, in coordination with the District Project Manager. The work includes refurbishment of G94A, G94C and G94D and removal of USFWS P1 Pump and G94B.

S-135 By-Pass Culvert Abandonment and Dike Repairs, Broward – SFWMD
Cost Estimator: He prepared the cost estimates during the Design Development Report and for the final design for the project. This project involves repair of two 96" diameter culverts under the Herbert Hoover Dike at the S-135 Pump Station and required extensive coordination with the United States Army Corps of Engineers.

S-151 Structure Replacement and Automation Completion CMS – Broward County, Florida – SFWMD
Construction Manager: The project consisted of the removal of six 7' by 98' corrugated metal pipes, along with the existing wood deck structure, existing gates, fencing, stilling wells, staff gauges, rain gauge, etc.; construction of four (4) cast in place concrete 8' wide by 8'high by 36' long box culverts with wing walls, stop log recesses, remote-controlled stainless-steel gates, stilling wells, relocation of existing staff gauges, concrete platforms, LP tank, fencing, gates, new precast control building for system controls and generator. RJ Behar provided an on-site representative to observe and document the construction. His responsibilities included construction planning, cost control, time management, quality control, construction contract administration, and CM professional practice which includes specific activities like defining the responsibilities and management structure of the construction management team, organizing and leading construction by implementing project controls, defining roles and responsibilities and developing communication protocols, and identifying elements of project design and construction likely to give rise to disputes and claims.

Riverview Pump Station New Generator, Fire Suppression and Main Switch Disconnect, Miami-Dade County, Florida – City of Miami
Cost Estimator who prepared cost estimates and specifications for the replacement of the Riverview Pump Station Emergency Generator and pumps interconnection in the City of Miami. The pump station is part of the city's stormwater system. The project also includes a subconsultant design of a new Fire Suppressant System and Main Switch Disconnect for the Pump Station.

Cypress Weir 1 (Gold4A) Relocation Design, Collier County, Florida – SFWMD
Cost Estimator. He prepared the cost estimates for the project. The project is to relocate Cypress Canal Weir #1 (GOLD4A). The new project will include the construction of a new locally and remotely operated water control structure in the new alignment of Cypress Canal, approximately 2,000 ft east of the existing weir. The new structure includes a bridge over the Cypress Canal, new gates, control buildings, stilling well platforms on concrete piles and miscellaneous appurtenances. He also worked on Engineering During Construction Services.

W. 28th Avenue Sidewalk/Guardrail Improvements CEI Services, Miami-Dade County, Florida – City of Hialeah/Florida Department of Transportation (FDOT), District 6/Federal Highway Administration (FHWA)
Senior Project Engineer/Project Administrator who administered the contract, budget, contract time, and inspection staff. He was responsible for the contractor's performance and progress in conformance with the plans and specifications, reviewing and keeping track of contractor submittals – shop drawings, requests for information (RFIs), project schedule analysis and implementation in a challenging 60-day project, which was completed on time and on budget without change orders. He approved and reviewed project daily reports; contractor's monthly progress estimates; managed and directed progress meetings, meeting agendas and minutes; coordinated with stakeholders, including the various agencies, the City of Hialeah, utility companies, and neighboring businesses; performed final inspection with FDOT, prepared the punch list, issued substantial and final completion certificates to the contractor; reviewed and approved project final as-builts, material certifications, and prepared and submitted the closeout package as per LAP Project requirements.



STACY SOOKDEW-SING

CONTRACT SUPPORT SPECIALIST – CONSTRUCTION ADMINISTRATION/MANAGEMENT/ADMINISTRATION

EDUCATION
High School Graduate, North Miami Senior High School

YEARS OF EXPERIENCE
21 Years

YEARS WITH RJ BEHAR
2008 – 2019 / 2021 – Present

OFFICE LOCATION
Pembroke Pines

CERTIFICATIONS:

- Final Estimates Level I & II
- Earthwork Construction Level I
- Asphalt Paving Level I
- Advanced Maintenance of Traffic
- QC Manager
- Stormwater Erosion Inspector
- Statewide Training Program for Florida Resident Compliance Specialists

TIN #: S23278171664

- FDOT-12 Hour Training Program; EEO, DBE and Payroll Compliance on Local Area Project Including USDOT, OIG Video
- FDOT Resident Compliance Training
- FDOT 8 Hour LAP Workshop
- US Wage and Hour Division, Prevailing Wage Rate Conference
- FDOT Critical Structures

ENGINEERING EXPERIENCE

Ms. Sookdew-Sing has more than 21 years of experience as a Project Administrator, Contract Support Specialist, Senior Resident Compliance Specialist, as well as a Public Information Officer and Inspector on a variety of projects throughout Miami-Dade, Broward, and Palm Beach Counties for the Florida Department of Transportation (FDOT) and local agencies. She received the "Professional Manager of the Year" award for stormwater projects from the American Public Works Association (South Florida Chapter) in recognition of her professionalism and performance in the management of the Manta Drive Roadway Improvements project for the Town of Cutler Bay. She has experience with site-management entries, monthly and final estimates, preparing and processing weekly reports, progress reports, and standard weather letters, as well as reviewing quantities and as-builts. Ms. Sookdew-Sing has prepared close-out packages, attended and managed meeting minutes, performed document control, data entries and monthly invoicing utilizing the appropriate electronic data management system for each task.

REVELANT EXPERIENCE:

US-1 Federal Highway Beautification Local Agency Program Project, Palm Beach County, Florida – City of Delray Beach/Florida Department of Transportation (FDOT), District 4/Federal Highway Administration (FHWA)
Resident Compliance Specialist who was responsible for reviewing weekly certified payrolls, maintaining compliance files and spreadsheets, and making certain the contractor conforms to all project EEO/AA requirements. Her responsibilities also included uploading all documentation into the LAP-IT program for FDOT as well as checking the DBE contractor's payments into the EOC system. There were 30 subcontractors as part of this project.

SE 15th Avenue Bridge Replacement Local Agency Program Project, Broward County, Florida – City of Fort Lauderdale – Florida Department of Transportation (FDOT) D4
Resident Compliance Specialist who provided reviews of the Davis-Bacon wage documentation. She was responsible for reviewing weekly certified payrolls, issuing payroll violations when necessary, and ensuring the contractor was in compliance per the FDOT and USDOL requirements. Her other duties included maintaining the compliance files and spreadsheets, conducting interviews, performing a monthly inspection of the bulletin board, and making certain the contractor conformed to all the project EEO/AA requirements. She reviewed the DBE contractor's payments entered and made sure that all documents were uploaded into the EOC system. She also uploaded project documents into the LAPIT database and attended the weekly progress meetings, as well as all audits conducted for the project.

SR-820/Pines Boulevard and I-75/SR-93 Interchange Construction Engineering Inspection, Broward County, Florida – City of Pembroke Pines/FDOT, District 4/FHWA
Resident Compliance Specialist responsible for a $11.2 million Local Agency Program (LAP) between the City of Pembroke Pines and FDOT, District 4. She ensured all compliance with the FDOT/FHWA requirements. Her duties as an RCS included monitoring DBE participation, EEO/AA compliance, and reviewing all certified payrolls for the prime contractor and the subcontractors. This was a federally funded project involving improvements to the I-75/Pines Boulevard Interchange, including updated modifications to the existing interstate overpass, entrance and exit ramps, from a rural configuration to an urban configuration, as well as widening and signalization improvements along Pines Boulevard.

SW 212th Street Drainage CEI Services, Miami-Dade County, Florida - Cutler Bay, Florida
Assistant Project Administrator/Resident Compliance Specialist: She performed monitored contractor pay items, attended

progress meetings, reviewed EEO Submittals, reviewed of the contractor and subcontractor's payrolls, uploaded project documents on FDOT LAPIT, and assisted with the final closeout package.

Dillman Trail from Forest Hill Boulevard to Dillman Road LAP Project – Palm Beach County, Florida – City of Greenacres/Florida Department of Transportation (FDOT), District 4

Project Administrator responsible general instructions regarding assignments and exercising initiative and independent judgment in the solution of work problems, directing and assigning specific tasks to administrative and field staff and assisting in all phases of the construction project, and performing progress estimates and final estimates throughout the construction project duration. This project includes clearing and grubbing and tree removal for the construction of a proposed pathway between Forest Hill Boulevard and Dillman Road. Construction of a 12' wide meandering asphalt pathway and adjacent proposed 12' wide swale, including the construction of an irrigation pump system, electrical service for the system, installation of irrigation, landscaping and sod installation.

Davie Road Phase II Local Agency Program (LAP), Broward County, Florida - Town of Davie/FDOT, District 4

Project Administrator/Contract Support Specialist/Resident Compliance Specialist: She was responsible for reviewing and submitting daily work reports to the FDOT, reviewing and processing the monthly payment applications, reviewing monthly CPM schedules, processing any change orders, scanning and uploading all project documentation into LAPIT, maintains and organizes contract documentation such as RFI's and shop drawings; reviewing and processing RFI's, preparing progress meeting agenda's and minutes, attending all FDOT project audits, preparing and completing the project documents upon closeout of the project, providing the agency with all project documents for FDOT reimbursement. As the Resident Compliance Specialist her duties included conducting labor interviews, performing monthly jobsite Bulletin Board inspections, reviewing sublets, and subcontracts, July Reports, and review and file certified payrolls.

Continuing Professional Services, Palm Beach County, Florida – City of West Palm Beach

Project Administrator/Compliance Specialist who was reviewing all the project materials including compiling the "Close-out Documents" and the reimbursement documents as required per the LAP Agreement between the City and FDOT; conducting a review of all delivery tickets to ensure they meet FDOT requirements, including FDOT financial project number, concrete mix design, etc. was approved and copies are in the project files; reviewing the project files to ensure Daily Work Reports are on file for each contract day and that they are uploaded into GAP; reviewing the previously paid monthly progress payments and verifying the documentation meets the requirements accurately; reviewing project files for the FDOT Form 700-010-38, Monthly Certification Disbursement of Periodic Payment to Subcontractors; reviewing project files FDOT Form 700-020-02, Monthly Construction Compliance with Specifications and Plans; reviewing the project files for all Over and Under runs of each pay item and ensuring there is adequate documentation to support the quantities paid; reviewing and verifying project files regarding Buy America Certification, and are on file and uploaded into GAP; reviewing the contract time file and ensuring that all contract time was accounted for and meets the contractual requirements. If a time extension was justified and/or granted, all the back-up documentation is on file to grant the time including the concurrence with FDOT's LAP Office; reviewing any major changes in the plans and any extra work was approved or concurs with FDOT LAP office including the City's extra work order; reviewing the Final Payment Application and assisting the City in completing the final reconciliation change order reflecting the final quantities paid and placed per the As-builts; reviewing the As-built plans to validate the current conditions of the project and final quantities paid to the contractor, assisting the City Project Manager in compiling and completing the final reimbursement request to FDOT.

Brickell Avenue Project – SE 15th Road to SE 8th Street CEI Services, Miami-Dade County, Florida – City of Miami

Project Administrator who is responsible for closing out the project. The project includes demolition of sidewalks, curb and gutters, intersection crosswalks to be replaced with new pavers crosswalks and new concrete sidewalks. Also includes reconstruction of driveways, milling and resurfacing, replacing vehicles detection loops, and new pavement marking. This is a challenging project because of the high density and heavy traffic area, and it will be performed at night with heavy noise restrictions until 11 pm.

NW South River Drive (121W-116W) CEI Services, Miami-Dade County, Florida – Town of Medley

Project Administrator who manages schedules, arranges assignments, prepares action plans, analyzes risks/opportunities, gathers necessary resources, and communicates progress to team members. She ensures the projects are completed within the restraints of time, quality, and budget. The project consists of roadway and drainage improvements, including the construction of a new drainage system with exfiltration trench, pipe culverts within an outfall the C-6 canal. The installation of concrete curb and gutter, curb inlets, manholes, valley gutter, guardrail, asphalt, signing and pavement markings including installation of bike lanes on both sides of roadway.



HECTOR ROSARIO, E.I.

ENGINEER INTERN – MISCELLANEOUS STRUCTURES, BUILDING, DRAINAGE, PERMITS

EDUCATION: B.S. Civil Engineering, Polytechnic University, Puerto Rico, 2003

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
22 years	2017 – Present	Wellington

PROFESSIONAL REGISTRATIONS: Engineer Intern #: 1100022580, 04/24/2019

CERTIFICATIONS: Construction Safety and Health (10 Hrs), OSHA Training Course

ENGINEERING EXPERIENCE

Mr. Rosario is a skilled civil engineer with expertise in all facets of engineering, transportation projects, and construction management. He has prepared plans for several projects including water control structures, drainage improvements, resurfacing and lighting retrofit projects. He is knowledgeable regarding the collaboration between all team members to achieve a project timeline and the financial goals. Mr. Rosario has extensive knowledge of computer-based design and project management software applications. He is versed in both AutoCAD and Microstation software. In construction projects he has been instrumental in ensuring the compliance of Company practices and OSHA regulations and has a good perspective of constructability issues.

RELEVANT EXPERIENCE

Lyons Park Neighborhood Improvement Project, Construction Management Services, Broward County, Florida – City of Pompano Beach

Project Engineer. This project includes the design for the relocation of the sewers to the street's right-of-way and new lateral services. The project also includes design of water line relocations in areas where there are conflicts with other improvements. As part of the project, all the streets were reconstructed, with new pavement markings, and completely new stormsewer system, sanitary sewer system, and regraded swales. The design included structural design of seawall repairs for new outfalls. *Contractor: Giannetti Contracting Corp.*

Lyons Park Neighborhood Improvement Project, Pompano Beach, Florida – City of Pompano Beach

Project Designer responsible for the preparation of the stormwater design of the proposed improvements. The project area has been suffering from flooding problems as documented in the City Stormwater Master Plan (SWMP). This project is intended to improve the drainage systems within the project area.

S-135 By-Pass Culvert Abandonment and Dike Repairs - South Florida Water Management District (SFWMD)

Project Engineer for design plans for the project. This project involved rehabilitation using chemical grout injection and Cured In Place Pipe (CIPP), of two 96" diameter culverts under the Herbert Hoover Dike at the S-135 Pump Station and required extensive coordination with the USACE.

Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County, Florida – Florida Department of Transportation (FDOT), District 4/Florida Highway Administration (FHWA)

Project Engineer. The project includes reconstruction of Port St. Lucie Boulevard from 2-lanes rural section to 4-lanes urban curb and gutter section with shared use path on both sides of the roadway; replacing of the existing bridge over E-84 canal; installing a closed drainage system and new signalized intersection (mast arms) at SW Gig Place. Other improvements include signing and pavement marking, lighting and landscape.

Riverview Pump Station New Generator, Fire Suppressant and Main Switch Disconnect Post Design, Miami-Dade County, Florida – City of Miami

Project Engineer who provided assistance during Post Design Services. RJ Behar provided civil, structural, and electrical engineering services for the replacement of the Riverview Pump Station Emergency Generator and pumps interconnection in the City of Miami. The pump station is part of the city's stormwater system. Services included Engineer of Record Post Design Support and Construction Management Assistance. Services included project management, structural design of the new generator foundation and electrical design, cost estimates, and specifications

C23 to C44 Interconnect Canal, Palm Beach County, Florida – SFWMD

Project Engineer for plans preparation. The scope of this project consists of completing the structural design and structural plans for a new 250 cfs Pump Station on the south side of the C-23 Canal, a new Culvert/Bridge location crossing SR 714 SW Martin Highway and a new Control Structure (Spillway). The design will follow the SFWMD Engineering Design Guidelines for construction of water resource facilities (i.e., Details, Guidelines, AutoCAD Standards, and Technical Specifications) (latest edition, including updates).

Cypress Weir 1 (Gold4A) Relocation Design, Collier County, Florida – South Florida Water Management District
Project Engineer. He worked on the plans preparation for both civil/site and structural plans. He performed mechanical design calculations and prepared the plans, which included the new gates, and the building ventilation system. The new project includes the construction of a new locally and remotely operated water control structure in the new alignment of Cypress Canal, approximately 2000 ft east of the existing weir.

Pedestrian Bridge over the Biscayne Canal, Miami-Dade County, Florida – City of North Miami
Project Engineer – The new pedestrian bridge will replace the existing pedestrian bridge in its entirety. All existing abandoned utilities currently mounted to the bridge will be removed and no allowance for future utilities will be accommodated on the new bridge. Design services include roadway plans including general construction plan and profile sheets, typical sections, detail sheets, traffic control plans, erosion control details and plans. Bridge design includes to investigate two alternatives considering span configuration, material type and foundation supports for the bridge main span crossing Biscayne Canal. Select main span bridge type, aesthetics, and layout. Determine abutments, retaining walls, and approach span layout for the preferred main span configuration. Prepare preliminary and final plans for the proposed bridge. The scope of work also includes utility coordination, permitting with SFWMD, USACE, and Building Department.

Oakhill Culvert Replacement, Broward County, Florida – Town of Davie
Project Engineer who assisted with the design and plans preparation, including quantities and cost estimates. The project consisted of the coordination, design, permitting, and bidding assistance for the replacement of a culvert bridge in the Oakhill neighborhood.

Hook Square Pump House Replacement – City of Miami Springs, Florida
Project Engineer for the replacement of one old stormwater pump station (Hook Square) that transfers water from the City's closed canal system to the SFWMD's C-6 Canal. He performed the mechanical ventilation calculations for the pump station and completed the design of the ventilation fan and weather hood.

Design of Stormwater Drainage at NW 151st Terrace, Miami-Dade County, Florida – City of Miami Gardens
Project Engineer. The project includes the design and preparation of construction documents for the improved the drainage system on along portions NW 151st Terrace, NW 34th Avenue and NW 33rd Place. The objective is to provide design services for an effective drainage system that may include the re-use of existing structures (if appropriate), installation of new structures, new exfiltration trenches and new drain piping as required. The use of permeable pavement over existing swales will be explored in addition to the French drain to try to further mitigate the flooding issues.

Public Works Surface Water License Modifications and Parking Lot Design, Broward County, Florida – City of Hallandale
Civil Engineer – The purpose of this project is for the reconfiguration of the Public Works compound (DPW) to better utilize the existing space. The City desires to fill in the area located in the northwest corner of DPW that is currently occupied by a stormwater retention pond. This area would be used for the city's sanitation fleet vehicles. The scope of services will include design of the new parking lot (geometrics, grading, drainage, lighting) and modification of the existing water surface permit/license.

Municipal Separate Storm Sewer System (MS4), National Pollutant Discharge Elimination System (NPDES), Stormwater Assessment Program, Miami-Dade County, Florida – City of Hialeah
Project Engineer who assisted with preparing the City Stormwater Assessment Program and the permit's annual report. This permit covers all areas located within the political boundary of the City of Hialeah that is served by the MS4 owned or operated by the City. The purpose of this assessment program is to provide information for the City of Hialeah to determine the overall effectiveness of its Stormwater Management Program (SWMP) in reducing stormwater pollutant loadings from its Municipal Separate Storm Sewer System (MS4) to receiving water bodies.

Alhambra Place Drainage Improvements Study, Palm Beach County, Florida – City of West Palm Beach
Project Engineer who assisted with the calculations, report exhibits and cost estimates. The scope of the work included field visits, data collection, evaluation of existing conditions, evaluation of possible alternatives to mitigate flooding conditions, and preparing a report with the summary of findings and recommendations. Among the alternatives studied were the use of French drains, adding additional inlets and increasing the size of existing outfalls.



ESTEBAN ALDANA, EI

CIVIL DESIGNER – BRIDGES, MISCELLANEOUS STRUCTURES/ASSESSMENTS, BUILDING REPAIR

EDUCATION:
B.S. Civil Engineering, Florida International University, August 2021

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
4 Years	2021 - Present	Pembroke Pines

PROFESSIONAL REGISTRATIONS
Engineer Intern No. 1100027568, 2024

PROFESSIONAL SOCIETIES
Member of the American Society of Civil Engineers (ASCE)

ENGINEERING EXPERIENCE

Mr. Aldana is a graduate of civil engineering, his relevant courses included mechanics of materials, steel design, geotechnical engineering, structural analysis, reinforce concrete, project planning, statics and physics. At RJ Behar he is working in design and plans preparation for miscellaneous civil engineering projects. He is knowledgeable in structural projects. His software experience includes AutoCAD, Mathcad, ArcGIS, MATLAB, and MicroSoft (Excel, PowerPoint, Word). Mr. Aldana is also fluent in Spanish.

RELEVANT EXPERIENCE

Matheson Hammock Park Bridge Rehabilitation CEI, Miami-Dade County, Florida – Miami-Dade County DTPW
Bridge inspector. Project scope is for the rehabilitation of the Matheson Hammock Park Road bridge over the Matheson Hammock Canal (Bridge No 874294). The existing bridge is a 100-foot three span, sonovoid slab bridge, approximately 35 feet wide. It includes concrete spalls repairs, delamination and cracks, installation of Carbon Fiber Reinforced Polymer wraps and structural jacket around a designated column and removal and replacement of existing post-tensioned wires/bars/strands.

New Doorway for Transformer Replacement at Fiveash WTP, Broward County, Florida – City of Fort Lauderdale
He performed design and structural inspections. The scope includes site visits, preparation of an alternative/evaluation report, preparation of plans, cost estimating, specifications, building department permitting, bidding assistance and post design services. As part of the project, RJ Behar evaluated four alternatives for materials, including preliminary costs, and provided recommendations.

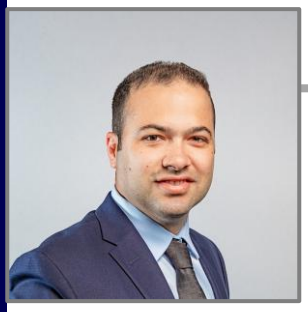
Pump Station D-36 Structural Rehabilitation, Broward County, Florida – City of Fort Lauderdale
Designer: RJ Behar completed a full inspection of the station to prepare plans for rehabilitation of the structural elements. The main concerns were related to carrion of structural elements. The repairs included repair of spalled and corroded steel elements, replacing access gates, cleaning and coating of the station (inside and outside), and floor hardening.

Florida Mango over Palm Beach County L-2 Canal Utility Relocation, Palm Beach County, Florida – City of West Palm Beach
Inspector who performed a field visit to observe the main water connection flush. RJ Behar designed the replacement of the Florida Mango Bridge and was contracted by the City of West Palm Beach to design the utility relocations. The work consisted of designing the relocation of 120 ft. of 12-inch DIP water main, 110 ft. of 6-inch DIP forced main and appurtenances that are in conflict white the bridge replacement work. The scope included the design of the utility relocations (plans & profiles), cost estimating, permitting, coordination between projects, and post design services.

Cypress Wier Gold4A During Construction, Collier County, Florida – SFWMD
Designer who reviewed the rebar submittals of the control building during construction. He also performed field observations of the installation of the rebar to ensure conformance with the specifications. The new structure includes three new slide/weir gates, a three-cell box culvert to be used as a bridge, new stilling wells, a 10 ft x 10 ft control room, communications, and miscellaneous appurtenances. The bridge will be 24 ft wide.

SW 87th Avenue Bridge over Canal C-100, Miami-Dade County, Florida – Miami-Dade Public Works Department
Designer assisting with the conceptual design analysis consisting of three conceptual bridge alternatives, including preliminary alignment of the roadway and bridge, and assisting with construction cost estimates of the three alternatives.

Linton Boulevard Bascule Bridge, Palm Beach County, Florida – Palm Beach County Roadway Division
Designer who assisted with an inspection of the bridge to evaluate the actual conditions and as-built dimensions of the sidewalk brackets, assisting with the new load rating and special inspection. He is also assisting with the new bridge railing design. The proposed railing system and sidewalk brackets will weigh less than the existing to avoid strengthening of the existing main girders. To ensure that the proposed railing system and sidewalk brackets will weigh less than the existing, the VGAN 300 series aluminum traffic railing by Varley and Gulliver Ltd was proposed. Also, a sidewalk top surface of aluminum plate (½" thick) with a roughened (gritty) top surface plate, was proposed. New sidewalk brackets will be designed that fit the proposed railing. All three existing sidewalk stingers will be replaced.



ERLIS ALEXIS FERNANDEZ PEREZ

CIVIL DESIGNER – ROADWAY RESURFACING

EDUCATION

B.S. Civil Engineering, Florida International University, August 2022
A.A. Civil Engineering, Miami Dade College, 2019

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
3 Years	2022 – Present	Pembroke Pines

PROFESSIONAL SOCIETIES

- American Concrete Institute
- American Society of Civil Engineers Student Chapter

ENGINEERING EXPERIENCE

Mr. Fernandez is a graduate of civil engineering. At RJ Behar, he is working with the design of plans for the Transportation Department. Mr. Fernandez has two years of experience in the construction industry. His experience in construction estimating for projects of significant size and scope, using both manual and digital construction takeoff methods. He is familiar with transportation design programs, and the application of Florida Department of Transportation (FDOT) standards for the development of plans and traffic strategies. He has been involved in data collection for the improvement and maintenance of Intelligent Transportation Systems. Mr. Fernandez has experience with AutoCAD, MicroStation, Bluebeam, HeavyBid, MATLAB.

RELEVANT EXPERIENCE

Cresthaven Boulevard from Jog Road to Military Trail, Plam Beach County, Florida – Palm Beach County Department of Engineering & Public Works, Division of Roadway Production

Designer who was responsible for the preparation of the signing and marking plans. The project scope consisted of the design of a two-lane roadway known as Cresthaven Boulevard from Jog Road to Military Trail with buffered bike lanes including roadway plans, pavement marking and signing, plans, signalization plans for three signalized intersections, and bridge widening.

SW 21st Street Complete Streets, SR 7 to SW 40th Avenue, Broward County, Florida – City of West Park

Designer – The project consists of plans for milling, resurfacing, and widening the existing pavement to accommodate two designated bicycle lanes (shared lanes). Scope of services includes roadway design, drainage design, signing and markings, traffic control plans, utility coordination, cost estimating, and permitting.

Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County, Florida – Florida Department of Transportation (FDOT), District 4/Florida Highway Administration (FHWA)

Project Engineer who assists with plans preparation for roadway, signing and pavement markings, signalization. The project includes reconstruction of Port St. Lucie Boulevard from 2-lanes rural section to 4-lanes urban curb and gutter section with shared use path on both sides of the roadway; replacing of the existing bridge over E-84 canal; installing a closed drainage system and new signalized intersection (mast arms) at SW Gig Place. Other improvements include signing and pavement marking, lighting and landscape.

Duda Bridge Over the South Florida Water Management L-14 Canal, Palm Beach County, Florida – Palm Beach County Roadway Division

Project designer responsible for the design of roadway profiles. The project includes replacement of the existing bridge. The roadway alignment will be skewed to create better alignment to include three 12-foot lanes, with 8-foot shoulders and concrete barriers. Wing walls and slope protection will be a part of the project. The utilities will need to be placed on the bridge or tunneled under the canal. Drainage consists of swale regrading for water quality to offset the increased impervious pavement. A bridge Hydraulic Report will be performed.

Haverhill Road N of Caribbean Boulevard to Bee Line Highway, Palm Beach County, Florida – Palm Beach County Roadway Production – Designer – The project consisted of the design for the reconstruction of Haverhill Road from the existing two-lane section to a minimum of two-lanes in each direction, and a bi-directional turning lane. The overall design effort includes horizontal and vertical alignments, roadway typical sections, new sidewalks on each side of the road, closed drainage conveyance systems, new stormwater management facilities, a drainage design report, pond siting report and permitting through multiple agencies, environmental, utility coordination, signing and pavement markings, miscellaneous structural design, signal installations and modifications, and optional post design services. RJ Behar services included roadway design, drainage design, permitting, signing and pavement markings, signal modifications, Temporary Traffic Control Plans (TTCP), and utility coordination.

Service Point at Boynton Beach Boulevard and SR I-95, Palm Beach County, Florida – FDOT, District 4

Designer – Scope of work consists of preparing signal plans to add a service point (single phase 3- wire 120v/240v) and connecting to the existing traffic controller cabinet at the intersection of Boynton Beach Boulevard and SR I-95. Services include signalization analysis, signalization plans, utility coordination, and cost estimates.



ANDREA SORENSEN

ENGINEER TECHNICIAN DRAINAGE/PERMITS

EDUCATION

B.S. Civil Engineering, Florida Atlantic University, August 2019

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
4 Years	2021 - Present	Pembroke Pines

PROFESSIONAL SOCIETIES

- Member of the American Society of Civil Engineers (ASCE)
- Member of the Tau Beta Pi Engineering Honor Society

ENGINEERING EXPERIENCE

Ms. Sorensen is responsible for preparing plans for civil, environmental, structural steel design, waste and wastewater treatment system, hydrologic engineering, stormwater modeling and management, environmental engineering, transportation planning and logistics, and GIS mapping. At RJ Behar, she is working in design and the preparation of plans for miscellaneous civil engineering projects. She is knowledgeable in sewer rehabilitations and utility projects, including cured-in-place pipes services. She has experience with software applications such as AutoCAD, Microsoft Office Suite, HEC-HMS, Win Can–Sewer Inspection, ArcGIS, Cloud Compare, PTV Vissim, Leica Cyclone, Revit, and Adobe Creative Suite.

RELEVANT EXPERIENCE

SW 87th Avenue Bridge over C-100 Canal, Miami-Dade County, Florida – Miami-Dade Department of Public Works
Project Designer for the design of the bridge and roadway design for the construction a new bridge over the SFWMD C-100 canal. The proposed bridge is located along SW 87th Avenue between SW 163rd Terrace and SW 164th Street and will carry both vehicular and pedestrian traffic.

Okeechobee Road Pedestrian Bridge Rehabilitation & Beatification Project/ARPA Funded Project, Miami-Dade County, Florida – City of Hialeah
Engineering Designer. This is a City and ARPA (American Rescue Plan Act) funded project for the design services of this Pedestrian Bridge rehabilitation and beatification projects. In addition, the services included an exterior visual survey to identify any building materials that may contain asbestos. The samples collected were sent to a laboratory for analysis and asbestos were not detected.

Pump Station Housing Structure S-2 – Roof Replacement, Broward County, Florida – South Broward Drainage District (SBDD)
Engineer Designer assisting with the production of plans for the replacement of the pump station's roof housing. Services include analysis and design services including field reviews, site visit, data collection, design and plans, pump station roof structural analysis report, and cost estimates.

Central Broward Water Control District (CBWCD) Engineer Services – Broward County, Florida
Engineer Designer assisting with permits reviews. The scope of services consists of reviewing plat submittals, paving and grading plans and as-built plans for development permits in the CBWCD. Responsibilities include ensuring that all site plans comply with CBWCD engineering criteria, review and evaluate requests for variances, and provide technical support to CBWCD Board during public hearings for variances request. Site visits are performed as necessary as well as coordination with CBWCD staff in order to ensure that site development requirements are met.

Dewey Hawkins Landing Boat Ramp, Broward County, Florida – City of Oakland Park
Engineer Designer who assisted with the design and plans preparation. The scope includes raising the seawall at the park/boat ramp area to meet the future Broward County elevation requirements, construction of two new docks with similar footprints, boat ramp improvements, and a new kayak launch.

NE 3rd Street Drainage Mitigation, Broward County, Florida – City of Hallandale Beach
Engineer Technician assisting with drainage design for the improvements of this commercial zone district experiencing flooding issues. Project scope includes field reviews, data collection, drainage analysis, plans preparation, estimates, specifications, utility coordination, and permitting. She was responsible for contacting all utility companies within the project boundaries, preparing the utility status matrix and following up to obtain utility information.

Lyons Road at SW 30 Street Drainage Improvements, Broward County, Florida – City of Coconut Creek
Project Designer for utility coordination. The requested services are for plan preparation to alleviate the drainage issue (ponding area) at the subject location. The scope of work includes field visits, construction plans, city permits (Building & Engineering permits).

I-75W2 Structure Replacement, Naples, Florida – South Florida Water Management District (SFWMD)
Designer – The project consists of the replacement of the I-75W2 weir structure in Naples. The new project will include the construction of a new locally and remotely operated water control structure in the alignment of I-75 canal, approximately 1,100 ft south of the existing weird. RJ Behar provides civil, structural, electrical, mechanical, cost estimating and DDR report.

Public Works Compound Outfall and Equipment Parking Lot, Broward County, Florida – City of Hallandale Beach
Project Designer – This project involves evaluating the possibility of constructing an outfall from the DPW site to the lake (Chaves Lake) that is located west of the project. Chaves Lake is the main stormwater management facility within the area. Scope of work includes Design analysis, drainage analysis report, technical specifications, estimates, and permits.

Public Works Surface Water License Modifications and Parking Lot Design, Broward County, Florida – City of Hallandale
Project Designer. The purpose of this project is for the reconfiguration of the Public Works compound (DPW) to better utilize the existing space. The City desires to fill in the area located in the northwest corner of DPW that is currently occupied by a stormwater retention pond. This area would be used for the city's sanitation fleet vehicles. The scope of services will include design of the new parking lot (geometrics, grading, drainage, lighting) and modification of the existing water surface permit/license.

City Engineer Services, Broward County, Florida – City of Hallandale Beach
Project Designer: RJ Behar was contracted by the City of Hallandale Beach, as part of a miscellaneous engineering contract, to provide interim City Engineer Services. The scope of work includes permit reviews, development reviews, inspections, and general consulting services.

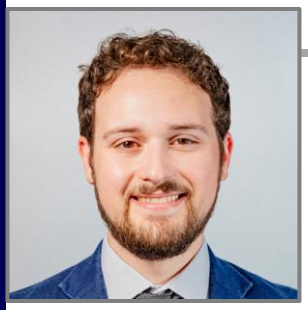
NW 49th Avenue Drainage Improvement Project, Broward County, Florida – City of Lauderdale Lakes
Engineer Technician who is assisting with the design for this roadway restoration. Scope of services includes roadway design with all necessary components of roadway, parking, and swale restoration. The intent of this project is to alleviate and address the flooding issues. Services include bidding, award, and limited services during construction.

Paint Turnpike Bridges Over Rim Ditch Canal (C-24), St. Lucie County, Florida – Florida Turnpike Enterprise
Designer responsible for contacting all utility companies within the project boundaries, updating the utility status matrix and following up to obtain utility information. The scope of work included performing inspections of the two bridges, preparing bridge plans for repainting and repairing concrete spalls, preparing Traffic Control Plans, coordinating environmental evaluations and bat evaluations, coordination with utilities, preparing utility certifications, cost estimates and specification packages.

Paint Turnpike Bridges Over CR-709, St. Lucie County, Florida – Florida Turnpike Enterprise
Designer responsible for contacting all utility companies within the project boundaries, updating the utility status matrix and following up to obtain utility information. The scope of work included performing inspections of the two bridges, evaluating the exposed tendons for the CAP Beams on the piers, preparing bridge plans for repainting and repair of concrete spalls, preparing Traffic Control Plans, coordinating environmental evaluations and bat evaluations, coordination with utilities, coordination with St. Lucie County and the FEC railroad, preparing utility certifications, cost estimates and specification packages.

Drainage Improvements at 4 Locations with Repetitive Losses, Miami-Dade County, Florida – City of Miami Gardens
Project Designer – The scope of services consists of preparing drainage design, plans, estimates of probable costs, permitting and utility coordination for improvements at four locations with repetitive losses due to flooding concerns. The intent of this scope of work is to prepare the design of stormwater improvements as recommended in the City of Miami Gardens (City) Stormwater Master Plan.

Alture Westland Sanitary Sewer Upgrade, Miami-Dade County, Florida – City of Hialeah
Project Designer responsible for the preparation of plans and specifications to replace an existing sanitary sewer with larger pipes. The project is due to an agreement with DERM and requires replacing/upsizing the last two segments of sanitary sewer coming from the west side into Pump Station 116. The length of the sanitary sewer pipes requiring upgrading is approximately 450 feet. The scope of work includes field visits, alternative analysis, plans preparation, cost estimating, technical specifications, utility coordination, and permitting.



DAVID HERNANDEZ

DESIGNER – ROADWAY RESURFACING

EDUCATION

B.S. Civil Engineering, Florida Atlantic University, Boca Raton, Florida, May 2023

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
3 Year	2022 – Present	Pembroke Pines

ENGINEERING EXPERIENCE

At RJ Behar Mr. Hernandez is assisting with miscellaneous civil engineering projects, his relevant courses include transportation and highway engineering, geotechnical engineering, construction engineering, surveying, hydraulics, construction project management, and civil materials. He has experience working with electrical contractors, assisting with electrical wiring, and checking electrical paneling for buildings. He is knowledgeable of the Operating Systems: Windows, MacOS. His Software Experience includes Microsoft Office (Excel, PowerPoint, Word), AutoCAD, MS Project, Intro C++, Civil 3D. Mr. Hernandez is also fluent in written and oral communication of English and Spanish.

RELEVANT EXPERIENCE

Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County, Florida – Florida Department of Transportation (FDOT), District 4/Federal Highway Administration (FHWA)

Project Engineer who is assisting with plans preparation for roadway, signing and pavement markings, signalization. The project includes reconstruction of Port St. Lucie Boulevard from 2-lanes rural section to 4-lanes urban curb and gutter section with shared use path on both sides of the roadway; replacing of the existing bridge over E-84 canal; installing a closed drainage system and new signalized intersection (mast arms) at SW Gig Place. Other improvements include signing and pavement marking, lighting and landscape.

Pine Island Road from Griffin Road to Nova Drive, Broward County, Florida – Broward County

Engineer Technician. He provided traffic counts for three different intersections, turning to west and south bounds directions. Input the data collected from those intersections into excel and be able to decide whether a signal would call for. Added plan labels to the curves all down Pine Island Road to find them for their purpose, being either a right or left turns. The project consists of the design of widening Pine Island Road from Griffin Road to Nova Drive from four to six-lanes with bicycle lanes and sidewalks in each direction.

SR 710/Beeline Highway Widening from Northlake Boulevard to SR 708/Blue Heron Boulevard, Palm Beach County, Florida – FDOT, District 4

Engineer Technician. He reviewed all the cross sections for the ramps are shown in each of the cross-section sheets and to be in the proper locations. The scope of services includes roadway and drainage design for the Turnpike reconstruction segment, structural design of retaining walls at the Turnpike bridge approaches, as well as collecting Traffic Counts for the SR 710 at Northlake Boulevard intersection. RJ Behar developed the 8-lane vertical and horizontal geometry for final design and developed the preliminary 10-lane section to locate features such as permanent retaining walls.

Cresthaven Boulevard from Jog Road to Military Trail, Palm Beach County, Florida – Palm Beach County Engineering and Public Works

Engineering Technician – He is assisting with the roadway design plans. This is a roadway improvements project, consists of widening Cresthaven Boulevard to add 7" buffered bike lanes on both sides, add 2 pedestrians bridges over Canal E-3. It also includes roadway reconstruction from Jog Road to Sherwood Forest Boulevard, traffic signal modifications from Jog Road to Military Trail, and pavement marking upgrades.

NW 47th Avenue Kinlock Neighborhood Water and Sewer Plans, Miami-Dade County, Florida – City of Miami

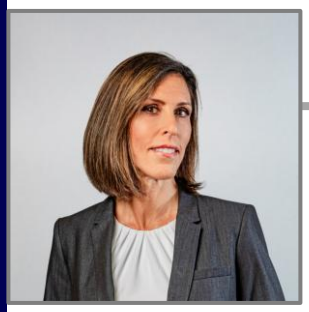
Engineer Technician assisting with the roadway and drainage improvements.

W. 38th Place, W. 39th Place, W.40th Street Improvements (between W 18th Avenue & W 16th Avenue), Miami-Dade County, Florida – City of Hialeah

Designer who is assisting with roadway design plans. This is a City funded and American Rescue Plan Act (ARPA) Funded Project that consists of roadway and drainage improvements. The scope of services includes roadway plans, cross sections, signing and pavement marking plans, summary of driveways, summary of parking, and utility coordination.

NW 48th Avenue from NW 3rd Street to Flagler Street Phase 2, Miami-Dade County, Florida – City of Miami

Designer who is assisting with the preparation of roadway plans. The purpose of this project is to improve roadway and drainage within the project limits. Services include 6' sidewalk with curb and gutter, roadway reconstruction where needed, mill and resurfacing, ADA accessible curb ramps at intersections, remove driveways approaches that do not meet COM code, and construct new driveway approaches, Temporary Traffic Control Notes, and signing and pavement markings.



NANETTE AKYAZ-GOMEZ, LEED AP ND

SENIOR DESIGNER – ROADWAY RESURFACING, PARKS/RECRATIONAL FACILITIES

EDUCATION

A. A. Degree Broward Community College, Davie, Florida, 1992

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
29 Years	2001 – Present	Pembroke Pines

CERTIFICATIONS: 11412090-AP-ND, LEED AP Neighborhood Development, 2020

ENGINEERING EXPERIENCE

At RJ Behar, Ms. Akyaz is our teams' most experienced highway designer. She has experience in design and plans preparation for large highway engineering projects, using MicroStation and Geopak software. Her design skills include development of complex highway alignment, integrating drainage and utility information, digital plan submittals and participation in plan review and quality control efforts using District 4's ERC module.

RELEVANT EXPERIENCE

Pine Island Road from Griffin Road to Nova Drive, Town of Davie, Florida – Broward County Highway Construction and Engineering Division

Senior Designer: The proposed project improvements include reconstructing the existing roadway from four to six lanes, with a shared use path or bike lanes in each direction. Additional improvements include bridge widening, signalization, signing and pavement markings, lighting, bulkhead wall along the canal, and landscaping.

Port St. Lucie Boulevard from Becker Road to Paar Drive, St. Lucie County, Florida – Florida Department of Transportation (FDOT), District 4/Federal Highway Association (FHWA)

Senior Designer assisting with plan's preparation. The project includes reconstruction of Port St. Lucie Blvd. from 2-lanes rural section to 4-lanes urban curb and gutter section with shared use path on both sides of the roadway; replacing of the existing bridge over E-84 canal; installing a closed drainage system and new signalized intersection (mast arms) at SW Gig Place. Other improvements include signing and pavement marking, lighting and landscape.

Northlake Boulevard Bridge over the Loxahatchee Slough – Palm Beach County, Florida

Roadway Designer who was responsible for the geometrics, signing and pavement markings, weir placement and grading of the channel and walkway, quantity calculations and cost estimates. The project consisted of reconstruction of a four-lane divided highway, construction of a bridge, weir and walkway.

I-75/Griffin Road (SR-818) Interchange, Broward County, Florida – FDOT, District 4

Roadway Designer: The scope consisted of improvements including modifications to the interchange by realigning the I-75 ramps to converge at a new signalized intersection. Her responsibilities included geometrics, signing and pavement markings, signalization and long-range estimates.

US 1 and SR A1A ATMS Deployment, Broward & Palm Beach Counties, Florida – FDOT, District 4

Senior Designer: Scope of services for this project includes signing & pavement marking, signalization plans, and miscellaneous structures. RJ Behar's services include the signal timing at eight signalized intersections, structural design calculations for cantilever overhead sign.

I-95 at 6th Avenue Interchange Design, Palm Beach County, Florida – FDOT, District 4

Senior Designer: The project included widening of ramps and of 6th Avenue as part of the Interchange Improvements, milling and resurfacing, adding bike lines, upgrading roadway signs and curb ramps to meet the current ADA standards, adding exclusive right turn lanes, and modifications to existing CSX tracks and overhead railroad structure.

NE 3rd Avenue at Progresso Drive Intersection Improvements, Broward County, Florida – Broward County Highway Construction and Engineering Division

Senior Designer – The scope includes design services for NE 3rd Avenue at Progresso Drive Intersection for the installation of a pedestrian crosswalk and gates on the south side of the railroad crossing and a sidewalk connection between the east/west corridor and lighting evaluation. Services include roadway design, signing and markings, lighting design, and utility coordination.

SR-710/Beeline Highway from Northlake Boulevard to SR-708/Blue Heron Boulevard, Palm Beach County, Florida – FDOT, District 4 – Senior Designer assisting with the preparation of plans for the roadway design to accommodate the 10-lane section widening of Florida Turnpike over SR 710.

NE 151st Street Improvements, Miami-Dade County, Florida – Oleta Partners LLC/Miami-Dade County

Designer. She is responsible for roadway design plans. The scope of the project included roadway design, Temporary Traffic Control Plan (TCP) design, pavement marking and signing, signalization, lighting, drainage and permitting, utility coordination, contamination assessment and wetland delineation/assessment.

Countyline Road Improvements Phase I, Broward County, Florida – City of West Park
Project Designer: She was responsible for preparing the plans for reconstruction to address the existing deficiencies in the pavement; regrading the swale to be used as a bioswale to alleviate ponding issues; provide new pavement markings and upgrade roadway signs as necessary within the project limits. The existing swale was designed with flume openings and decorative concrete bands at various locations throughout, which retained stormwater runoff. The design included the construction of a bioswale swale area to collect the runoff and address both water quality (treatment) and quantity (attenuation) concerns.
Wilde Park Improvements, Miami-Dade County, Florida – City of Hialeah
Roadway Designer: She prepared the site, paving and drainage design plans.
Bucky Dent Park Improvements, Miami-Dade County, Florida – City of Hialeah
Roadway Designer who was responsible for the design to address flooding problems at the park.
Milander Park Streetscape Master plan, Miami-Dade County, Florida – City of Hialeah
Roadway Designer: She prepared master plans for East 47th and East 48th Street from Palm Avenue to East 1st Avenue.
Haverhill Road from N. of Caribbean Boulevard to Bee Line Highway – Palm Beach County, Florida
Project Designer: She is responsible for roadway design plans. The scope of services includes drainage improvements, signalization, pavement and marking, utility coordination and permitting. **Project Length:** 1.65 miles
Design/Build for the Reconstruction of SE 3rd Street, Belle Glade, Florida – FDOT, District 4
Project Designer: She was responsible for the production of roadway plans, signing and pavement marking plans and quantities. The scope of this project included roadway plans, drainage design, signing and marking plans and utility relocation plans. The design included the use of filter fabric and a thick sub-base in lieu of demucking the roadway.
Powerline Road (SR-845) Palm Beach County, Florida – FDOT, District 4
Roadway Designer: She was responsible for the preparation of roadway quantities, computation book and transport input. The scope included complete design for widening and resurfacing of 3 miles of a major arterial roadway, including; drainage design, pavement marking and signing, overhead signing plans, lighting plans, seven signal locations, structural plans (bridge widening), a public involvement program and landscape improvements. Project length: 3 miles.
SR-A1A Resurfacing Project, Palm Beach County, Florida – FDOT, District 4
Project Designer for roadway improvements. She was responsible for the signing and marking plans. The project included major drainage study and improvements, milling and resurfacing, bridges, signal improvements, signing and marking plans.
NW 87th Avenue, Miami-Dade County, Florida – FDOT, District 6
Roadway Designer: She assisted with roadway design and was responsible for quantities. The scope of services for this project includes Roadway/Traffic Control Plan (TCP) design, pavement marking and signing, signalization, lighting, drainage and permitting, bridge construction, utility coordination, traffic study, traffic counts, traffic projections, and traffic warrants services.
SR-907/Alton Road 3R Project, Miami-Dade County, Florida – FDOT, District 6
Roadway Designer responsible for the production of the roadway plans for 4 miles of a 3R project. The project included injection wells and pump stations.
SR-5/US-1/Biscayne Boulevard Resurfacing from NE 199th Street to NW 213th Street, Miami-Dade County, Florida – FDOT, District 6
Project Designer responsible for the production of the roadway plans. The scope of services includes milling and resurfacing, signing and pavement markings, traffic control plans and ADA and pedestrian features upgrades.
SR-5/US 1/Biscayne Boulevard Intersection Improvements, Miami-Dade County, Florida – FDOT, District 6
Project Designer responsible for the production of the roadway plans. The scope of services includes milling and resurfacing, signing and pavement markings, traffic control plans and ADA and pedestrian features upgrades.
NW 146th Street/North Miami Avenue/S Biscayne River Drive - Roundabout – Miami-Dade County Public Works Traffic Engineering Division
Roadway Designer: She assisted in the preparation of layout and final construction plans for a roundabout based on Miami-Dade County roadway design criteria in the City of North Miami. The roundabout connects N. Miami Avenue, South River Drive and NW 146th Street. The purpose of the project was to provide traffic calming in this neighborhood.
Palm Avenue from W. 45th Street to W.47th Street, Miami-Dade County, Florida – City of Hialeah
Roadway Designer: She prepared the plans for milling and resurfacing Palm Avenue from East 45th Street to East 47th Street. The project also included adding curb ramps to comply with ADA standards, replacing sidewalk, driveways and curb and gutter as needed, cleaning, sealing and adjusting drainage manholes and inlets and signing and pavement markings.



ALEJANDRO MEDINA

SENIOR INSPECTOR – CONSTRUCTION ENGINEERING/MANAGEMENT/ADMINISTRATION

EDUCATION

Degree in Engineering Public Works Constructions, Technical University of Madrid, Spain – 9/ 2007
Degree in Civil Engineer, IPJAE, Cuba, June 1981

YEARS OF EXPERIENCE
45 Years

YEARS WITH RJ BEHAR
2016 – Present

OFFICE LOCATION
Miami Lakes

CERTIFICATIONS:

- Advanced Maintenance of Traffic
- Asphalt Paving Technician I & II
- Earthwork Inspector I & II
- Drilled Shaft
- FDOT Concrete Level I
- ACI Concrete Field Technician Level I

TIN: M2370023360000

- Final Estimates I & II
- IMSA Traffic Signal Technician
- FDOT Critical Structures
- APNGA Portable Nuclear Gauge Safety & Hazmat Certification
- Stormwater Pollution Prevention Inspector

ENGINEERING EXPERIENCE

Mr. Medina is a graduated civil engineer with multiple years of experience in the execution of public works projects and construction management. He has experience in construction projects involving drainage and roadway. Mr. Medina is the Co-author of the book "Geometric Design of Highways" and wrote computer systems for the design and calculation of embankments, drainage, and elements of highway geometrics. He has experience with Visual Basic.net, Auto CAD, Microstation, MicroSoft Office. He speaks Spanish, English, and Italian, written and technical.

RELEVANT EXPERIENCE

Seawall Design at Tobie Wilson Park, Miami-Dade County, Florida – Town of Medley
Senior Inspector who assisted with the construction inspection of the seawall. The scope of work included construction of approximately 850 feet of a new bulkhead wall located along the south bank of the Miami Canal.

Hollywood Beach Heights Local Agency Program (LAP) Construction Engineering Inspection Project, Broward County, Florida – City of Hollywood/ Florida Department of Transportation (FDOT) District 4
Senior Inspector in charge of documenting, reviewing and inspecting daily construction activities as well as conducting meetings with the contractor, informing the public about construction progress and producing the final estimates; monitoring the contractor's work and assuring that the contractor conducted inspections, prepared reports, and monitored all stormwater pollution prevention measures associated with the project. He responded to requests for information, attended pre-construction meetings, site visits, progress meetings, shop drawings reviews, full time inspection

Beverly Park Sidewalk LAP Construction Engineering Inspection Project, Broward County, Florida – City of Hollywood/ Florida Department of Transportation (FDOT) District 4
Senior Inspector in charge of documenting, reviewing and inspecting daily construction activities as well as conducting meetings with the contractor, informing the public about construction progress and producing the final estimates; monitoring the contractor's work and assuring that the contractor conducted inspections, prepared reports, and monitored all stormwater pollution prevention measures associated with the project. He responded to requests for information, attended pre-construction meetings, site visits, progress meetings, shop drawings reviews, full time inspection.

SW 200th Street and SW 103rd Avenue Roundabout Local Agency Program Projects (LAP), Miami-Dade County, Florida – Town of Cutler Bay/Florida Department of Transportation (FDOT), District 6
Senior Inspector who is providing construction engineering inspections services. The scope of the project consists of the construction of a traffic circle, which includes storm drainage improvements (inlets, manholes, exfiltration trenches), the installation of 5' foot wide concrete sidewalks 6" thickness, ADA crosswalks, concrete curb and gutter, milling and resurfacing of the existing asphalt, signing and pavement markings, bollards, fencing, decorative pavers, site restoration, back of sidewalk harmonization, and landscaping, and coordinating with the geotechnical laboratory for material sampling pick-up and testing with on-site inspection staff. This project is receiving federal funding via the Florida Department of Transportation (FDOT) Local Agency Program (LAP).

Engineering Construction Inspection, Broward County, Florida – City of Pembroke Pines
Senior Inspector who is responsible for quality control of the quantities. The project includes the citywide pavement and marking inspections at multiple locations. He is responsible for the inspection, observation and documentation of the work performed by the contractor. The projects are miscellaneous services for pavement marking and signing, including poor

reflectivity readings; lane lines; edge lines, stop bar, and turn arrows showing similar conditions of poor/inconsistent bead coverage.

Construction Engineering Inspection for Various Drainage Improvements Work Order #3, Miami-Dade, County, Florida – Miami-Dade County Department of Transportation & Public Works

Senior Inspector who is providing services on drainage improvement projects. The projects include demolition of existing structures, drainage piping and curb & gutters to be replace with new storm sewer manholes, drainage structures, pipes, and French drains per FDOT Standards. He monitors the TTCP and inlet protection system, supervises the backfill of trenches with select fill as per FDOT specs. The project includes milling and resurfacing, roadway pavement restoration, sidewalks and driveways reconstruction, riprap installation and pavement marking. He prepares daily work reports with photos, pays item reports to monitor quantities, and verifies the contractor pay application certifying monthly quantities.

Lehigh Lake Shoreline Repairs Segment 2 CEI, Miami-Dade County, Florida – Town of Medley

Senior Inspector who was responsible for the construction inspections of the Lehigh Lake Shoreline. The construction included all activities related to the new construction of the bulkhead wall as approved by the Town Engineer. He was responsible for overseeing construction operations, attending the preconstruction meeting, contractor monitoring, problem resolution, review of pay requests, review of traffic control, maintaining project journal, organizing and attending project meetings, construction monitoring, review of change order request, and coordinating project close out.

NW 60th Avenue Bicycle/Pedestrian Improvement Project, Miami-Dade County, Florida – Town of Miami Lakes/FDOT, District 6/FHWA

Senior Inspector: The scope included new curb and gutter and a 10' wide shared-use path along the west side of the corridor; milling, resurfacing and overbuilding of the roadway; and installation of new upgraded signing and pavement markings. Porous Flexible Pavement was proposed at specific locations on the shared-use path to minimize tree removal. Swales, mostly behind the shared-use path, were provided to accommodate the runoff.

Little Country Estates & Grove Estates Drainage Improvement – CEI – Broward County, Florida – Town of Davie

Senior Inspector responsible for construction inspections of a drainage improvement project. Services include responding to requests for information, attending pre-construction meetings, site visits, progress meetings, shop drawings reviews, full time inspection, and project closeout and certification. The purpose of this project is to provide construction engineering services for the installation of a storm water drainage system in the Little Country/Grove Estates area located between Hiatus Road to the East, the N-20 Canal to the West, SW 16th Street to the North, and the N- 26 Canal to the South as indicated on the plans and contract documents. All Work shall be performed in compliance with the latest edition of all applicable Codes, including, but not limited to, the Florida Building Code (2020 7th Edition), the Town of Davie Land Development Code, the Town of Davie Code of Ordinances, and the Broward County Code of Ordinances.

SW 82nd Avenue and Traffic Circle Improvements CEI Services, LAP, Miami-Dade County, Florida – Town of Cutler Bay/Kimley-Horn and Associates, Inc.

Senior Inspector. He was responsible for construction inspections for this roadway improvement and traffic roundabout project. The activities included maintaining records of all parties involved in completing this project, which includes maintaining records of the project events witnessed by RJ Behar's inspection staff; properly documenting any significant project changes, assisting the Town with interpreting plans, specifications, and construction contract provisions; making recommendations to the Town to resolve disputes, maintaining an adequate level of surveillance of the Contractor's operations; and coordinating with FDOT to ensure compliance with their programs. Site inspections included activities related to clearing and grubbing, demolition work, earthwork, grading, widening, drainage, concrete, base-rock, asphalt paving, milling and resurfacing, pavement markings and striping, signing, and sod placement. The scope of the work consists of storm drainage improvements (inlets, manholes, culverts, exfiltration trenches), the installation of 5' foot wide concrete sidewalks 6" thickness, ADA crosswalks, concrete curb and gutter, traffic circle SW 82nd Avenue and SW 188th Street, milling and resurfacing of the existing asphalt, signing and pavement markings, site restoration, back of sidewalk harmonization, and landscaping. Utilization of these services will require close coordination with the Town.

W. 28th Avenue Sidewalk/Guardrail Improvements, Miami-Dade County, Florida – City of Hialeah/Florida Department of Transportation (FDOT), District 6/Federal Highway Administration (FHWA)

Senior Inspector who performed CEI services including daily inspections and photographs, RFIs, Shop Drawings, Action Items, Change Orders, MOT Traffic control as per FDOT Standard for Road and Bridge Construction, and the Manual for Uniform Traffic Control Devices (MUTCD) 2009 latest edition (with revisions), and FDOT Standard Plans (102-600 index). His responsibilities included weekly reports, monitoring the contractor pay items, holding progress meetings, reviewing the EEO Submittals, reviewing the contractor and subcontractor's payrolls, July EEO reports, uploading project documents in FDOT Lap-It, carrying out the stormwater pollution prevention plan site reviews per NPDES requirements, and performing final closeout.



LOGAN FASANELLA

SENIOR INSPECTOR – CONSTRUCTION INSPECTIONS/ ADMINISTRATION, STRUCTURAL INSPECTIONS

EDUCATION

A.A. Culinary, Art Institute of Tampa, Tampa, Florida

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
12 Years	2015 – Present / 2006 – 2010	Pembroke Pines

MEMBER: International Municipal Signal Association

CERTIFICATIONS **TIN #:** F254533883350

- Advanced Maintenance of Traffic
- Earthwork Level I & II
- Asphalt Paving Level I & II
- ACI Concrete Field Inspector I
- ACI Concrete Transportation Construction Inspector II
- ACI Concrete Field Testing Technician
- Final Estimates I & II
- FDOT Concrete Field Technician Level 1
- Pile Driving
- Auger Cast Pile Inspector
- Drilled Shaft
- QC Manager
- PTI Grouting Technician I
- PTI Post Tensioning Technician
- IMSA Traffic Signal Inspector
- IMSA Traffic Signal Technician Level I
- Stormwater Erosion Sedimentation Control Inspector
- Hazmat/Nuclear Radiation
- FDOT MSE Walls Certification
- FDOT Critical Structures
- FDOT Wage and Labor Training
- CSX Railroad Worker Protection
- FDOT MAC Training

ENGINEERING EXPERIENCE

Mr. Fasanella obtained his CTQP certifications, worked as an inspector aide shadowing senior inspectors, and is currently working as a Senior Inspector. He observes and inspects ongoing construction work, reviews plans and specifications to ensure that work complies, conducts laboratory sampling, maintains a daily activity of work in progress and status of completion and discusses construction related problems with his supervisor, records and reports observations including video and digital pictures, and performs other job responsibilities as assigned. He started his career in the traffic/transportation department of R.J. Behar & Company, Inc. He was responsible for performing numerous turning movement counts. He set up automatic traffic recorders (ATRs) for volume counts, speed studies, etc.

RELEVANT EXPERIENCE

Lyons Park Neighborhood Improvement Project, Construction Management Services, Broward County, Florida – City of Pompano Beach – Senior Inspector who provided full time construction inspection and material testing for on-site construction inspection services, approving submittal reviews, coordinating construction material testing services, performing public involvement measures, provided document control and provided record drawings. This project included the design for the relocation of the sewers to the street's right-of-way and new lateral services. The project also included design of water line relocations in areas where there are conflicts with other improvements. As part of the project all the streets were reconstructed with new pavement markings, and completely new stormsewer system, sanitary sewer system, and regraded swales. The design included structural design of seawall repairs for new outfalls.

Broward Boulevard from Pine Island Road to I-95, Broward County, Florida – Florida Department of Transportation (FDOT), District 4 – Inspector responsible for overseeing the paving, concrete, drainage, and signalization work operations on the project. The project scope consists of providing transit infrastructure elements to support initiatives for a new express bus service along Broward Blvd./SR-842 from the Broward West Regional Terminal in Plantation near Pine Island Rd. to I-95 in Fort Lauderdale. Six intersections along SR-842 will be improved: SR-817/University Dr., Fig Tree Lane, SW 54th Ave., East Acre Dr., NW 24th Ave., and SW 22nd Ave. Additional project activities will occur within the West Regional Terminal Park & Ride Lot including new sidewalk, ADA improvements, crosswalks, curb ramps, bus pad improvements, signing and pavement markings, minor drainage improvements, guardrail replacement, pedestrian detector signals, installation of a new GPS system in all existing controller cabinets at all signalized intersections, milling and resurfacing, and median modification to provide a bus-only left turn.

Little Country Estates & Grove Estates Drainage Improvement – CEI – Broward County, Florida – Town of Davie Senior Inspector. Services include responding to requests for information, attending pre-construction meetings, site visits, progress meetings, shop drawings reviews, full time inspection, and project closeout and certification. The purpose of this project is to provide construction engineering services for the installation of a storm water drainage system in the Little Country/Grove Estates area located between Hiatus Road to the East, the N-20 Canal to the West, SW 16th Street to the North, and the N- 26 Canal to the South as indicated on the plans and contract documents. All Work shall be performed in compliance with the latest edition of all applicable Codes, including, but not limited to, the Florida Building Code (2020 7th Edition), the Town of Davie Land Development Code, the Town of Davie Code of Ordinances, and the Broward County Code of Ordinances.

Old Germantown Road From Park Access Road to South Congress Avenue Bicycle and Pedestrian Improvements, Palm Beach County, Florida – City of Delray Beach

Senior Inspector responsible for full-time on-site observations and inspections of the work in progress to assist in determining if the work is proceeding in accordance with the contract documents and that completed work conforms to the contract documents; will report any unsatisfactory, faulty, defective, work that does not meet the requirements of inspections, tests or approval, review pay applications and approve prior to any concrete work being placed. The project includes constructing curbs, sidewalks, ADA accommodations, shared use paths, drainage, swales, utilities, pedestrian lighting, signage, roadway pavement preservation/rehabilitation, and landscape improvements.

SW 200th Street and SW 103rd Avenue Roundabout Local Agency Program Projects (LAP), Miami-Dade County, Florida – Town of Cutler Bay/Florida Department of Transportation (FDOT), District 6

Senior Inspector: He provided inspection services during the construction phase of the project. He was responsible for site inspections to determine in general whether the work being performed is in accordance with the contract documents. Schedule site inspections included the activities related to clearing & grubbing, demolition work, earthwork, grading, widening, drainage, concrete, base-rock, asphalt paving, milling and resurfacing, brick paver installation, pavement markings and striping, signing, landscape and sod; and coordinating with the geotechnical laboratory for material sampling pick-up and testing with on-site inspection staff. The scope of the work consisted of constructing a traffic circle including storm drainage improvements (inlets, manholes, exfiltration trenches), the installation of 5' foot wide concrete sidewalks 6" thickness, ADA crosswalks, concrete curb and gutter, milling and resurfacing of the existing asphalt, signing and pavement markings, bollards, fencing, decorative pavers, site restoration, back of sidewalk harmonization, and landscaping. This project received federal funding via the FDOT LAP.

Engineering Construction Inspection, Broward County, Florida – City of Pembroke Pines

Senior Inspector: The project includes the citywide pavement and marking inspections at multiple locations. He is responsible for the inspection, observation and documentation of the work performed by the contractor. The projects are miscellaneous services for pavement marking and signing, including poor reflectivity readings; lane lines; edge lines, stop bar, and turn arrows showing similar conditions of poor/inconsistent bead coverage.

Miramar Parkway Streetscape from 68th Avenue to 64th Avenue LAP Project, Broward County, Florida – City of Miramar/Florida Department of Transportation, District 4/Federal Highway Administration (FHWA)

Senior Inspector. This was a widening project to accommodate new 4-FT wide bicycle lanes on both sides of the corridor, new sidewalks, curb & gutter, double-faced guardrail with end treatments along the curve, stamped concrete along the median, milling & resurfacing, minor drainage modifications, new roadway lighting, new concrete bus stops with new pads, roadway signing and pavement markings, landscaping, and irrigation. The services included: reviewing the contractors work to ensure compliance with contract documents, verifying wage rates, attending progress meetings, attending compliance audits, meetings and training, submitting monthly compliance checklists to FDOT, conducting EEO labor reviews, maintaining project documentation, verifying DBE goals, and verifying all compliance documentation.

Nova Drive Construction Engineering and Inspection (CEI) Services, Broward County, Florida – Town of Davie

Senior Inspector responsible for overseeing the maintenance of traffic schemes and devices in work zones; monitoring the Contractor's work and assuring that the Contractor is conducting inspections, preparing reports, and monitoring all stormwater pollution prevention measures associated with the project; reviewing and monitoring compliance with drawings, contract documents, and technical specifications; maintaining complete and accurate records of all activities and events relating to the Project; properly documenting all significant Project changes; interpreting plans, specifications, and construction contract provisions; and maintaining an adequate level of surveillance of the Contractor's activities.

Miami Dade County Drainage Projects, Miami-Dade County, Florida – Miami-Dade County Department of Transportation and Public Works

Construction Inspector who was responsible for maintaining complete and accurate records of all activities and events related to the project; keeping the daily project journal, including maintaining accurate records of the contractor's operations, quantities installed, sampling and testing data, project photo and video documentation; review of Work Zone traffic control plan design, implementation, and inspection of maintenance of traffic schemes and devices in work zones to assure they are in accordance with the County's requirements; properly documenting all significant Project changes; interpreting plans, specifications, and construction contract provisions; reviewing and keeping project as-builts current and up to date, making recommendations to the County to resolve disputes; and assisting with the project closeout. RJ Behar is providing Miami-Dade County Department of Transportation and Public Works with consulting inspection services associated with multiple drainage improvement sites throughout the County.



RENZO SOOKDEW-SING
INSPECTOR – CONSTRUCTION ENGINEERING/MANAGEMENT/ADMINISTRATION

EDUCATION:
B.S. Construction Management, Florida International University, 12/2021

YEARS OF EXPERIENCE
5 Years

YEARS WITH RJ BEHAR
2021 – Current / 2015

OFFICE LOCATION
Pembroke Pines

CERTIFICATIONS
- Earthwork I & II
- Asphalt Paving Level I&II
- FDOT Concrete Inspector
- Drilled Shaft Inspector

TIN: S232721974140
- MSE Walls
- FDOT Critical Structures
- MOT/TTC, Advanced
- Nuclear Gauge/Hazmat

ENGINEERING EXPERIENCE

Mr. Sookdew-Sing is an inspector for roadway projects. He obtained his bachelor's in science in Construction Management. His experience started as summer intern; first term assisting the construction engineering department as inspector aid, shadowing senior inspectors; during a second term, assisting the traffic engineering department performing traffic counts. Mr. Sookdew-Sing has participated working alongside licensed contractors and assisting daytime operations for construction projects, coordinating with subcontractors and overseeing schedules.

RELEVANT EXPERIENCE

Lyons Park Neighborhood Improvement Project Construction Management Services, Broward County, Florida – City of Pompano Beach

Inspector Aide shadowing the Senior Inspector who ensured the stormwater permits were followed according to the NPDES; approved submittal reviews; coordinated construction material testing services; prepared daily reports, ensured proper Temporary Traffic Control Plans (TTCP) were being followed. This project included the design for the relocation of the sewers to the street's right-of-way and new lateral services. The project also included design of waterline relocations in areas where there were conflicts with other improvements. As part of the project, all the streets were reconstructed with new pavement markings, and completely new stormsewer system, sanitary sewer system, and regraded swales. The design included structural design of seawall repairs for new outfalls.

Miramar Parkway from Red Road to Palm Avenue, Broward County, Florida – City of Miramar

Inspector: He performed nighttime inspections of the asphalt providing daily reports, obtained all of the asphalt tickets, and ensured the maintenance of traffic. The project included milling and resurfacing to improve the road surface.

W. 32nd Avenue from W. 68th Street to W. 76th Street, Miami-Dade County, Florida – City of Hialeah

Inspector: The services include coordinating the activities of all parties involved in completing this project, maintaining records of the project events; properly documenting any significant project changes, assisting the City with interpreting plans, specifications, and construction contract provisions; maintaining an adequate level of surveillance of the contractor's operations; and coordinating with FDOT to ensure compliance with their programs.

NW 37th Avenue from NW 36th Street to NW 79th Street CEI WO #5, Miami-Dade County, Florida – Department of Transportation and Public Works

Inspector. The project consists of widening the existing roadway from two to three lanes with on-street parking, sidewalks, curb and gutter, new storm drainage system, signalization improvements, pavement markings and signage, roadway lighting and Water and Sewer Department (WASD) Water Main and Gravity Sewer.

Dillman Trail from Forest Hill Boulevard to Dillman Road Local Agency Program (LAP) Project, Palm Beach County, Florida – City of Greenacres/Florida Department of Transportation (FDOT), District 4

Inspector responsible for overseeing the construction operations, performs daily reports of the contractor's progress, and ensures the project is being constructed according to the plans and specifications. This project includes clearing and grubbing with tree removal for the construction of a proposed pathway between Forest Hill Boulevard and Dillman Road. The construction includes a 12' wide meandering asphalt pathway,12' wide swale, construction of an irrigation pump system, electrical service for the system, installation of irrigation, landscaping, and sod installation.

ERICK ROSE

INSPECTOR – CONSTRUCION ENGINEERING/MANAGEMENT/ADMINISTRATION



EDUCATION:
B. S. Culinary Arts, Art Institute of Fort Lauderdale, 1999

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
1 Year	2025 – Present	Pembroke Pines

CERTIFICATIONS

TIN#: R200213632900

- Advanced Maintenance of Traffic
- Earthwork Level I & II
- Hazmat/Nuclear Radiation
- Asphalt I & II
- FDOT Concrete - Scheduled

ENGINEERING EXPERIENCE

Mr. Rose is in the process of obtaining his CTQP certifications and is working as an inspector shadowing senior inspectors. He observes and inspects ongoing construction work, reviews plans and specifications to ensure that work complies with the plans and specifications, conducts laboratory sampling, maintains a daily activity of work in progress and status of completion and discusses construction related problems with his supervisor, records and reports observations including video and digital pictures, and performs other job responsibilities as assigned.

RELEVANT EXPERIENCE

Hollywood Beach Heights Local Agency Program (LAP) Construction Engineering Inspection Project, Broward County, Florida – City of Hollywood/ Florida Department of Transportation (FDOT) District 4

Inspector responsible for Construction Engineering and Inspection (CEI) services including producing weekly reports, monitoring contractor pay items, holding progress meetings, preparing the meeting agendas, monitoring shop drawings and RFIs, performing Temporary Traffic Control Plan Reviews including the coordination of lane closures, carried out the stormwater pollution prevention plan site reviews per National Pollutant Discharge Elimination System (NPDES) requirements, contract administration, inspection, and materials sampling and testing for the construction of a sidewalk network (Approximately 17,000 linear feet) in the City of Hollywood known as Beverly Park, in accordance with the terms, conditions, and specifications contained in this solicitation.

Beverly Park Sidewalk LAP Construction Engineering Inspection Project, Broward County, Florida – City of Hollywood/FDOT District 4

Inspector responsible for Construction Engineering and Inspection (CEI) services including producing weekly reports, monitoring contractor pay items, holding progress meetings, preparing the meeting agendas, monitoring shop drawings and RFIs, performing Temporary Traffic Control Plan Reviews including the coordination of lane closures, carried out the stormwater pollution prevention plan site reviews per National Pollutant Discharge Elimination System (NPDES) requirements, contract administration, inspection, and materials sampling and testing for the construction of a sidewalk network (Approximately 23,627 linear feet) in the area of the City of Hollywood known as Hollywood Beach Heights & Hollywood Country Estates, in accordance with the terms, conditions, and specifications.

W. 32nd Avenue from W. 68th Street to W. 76th Street CEI Services, Miami-Dade County, Florida – City of Hialeah

Inspector Aide who shadowed the Senior Inspector performing CEI services including daily inspections and photographs, RFIs, Shop Drawings, Action items, change orders, MOT Traffic control as per FDOT Standard for Road and Bridge Construction, and the Manual for Uniform Traffic Control Devices (MUTCD) 2009 latest edition (with revisions), and FDOT Standard Plans (102-600 index). Her responsibilities include weekly reports, monitoring the contractor pay items, holding progress meetings, reviewing the EEO Submittals, reviewing the contractor and subcontractor's payrolls, carrying out the stormwater pollution prevention plan site reviews per NPDES requirements, and performing final closeout.



DAYNELYS MARCH SALAS
INSPECTOR – CONSTRUCION ENGINEERING INSPECITONS

EDUCATION:
B.S. Civil Engineering, Instituto Superior José Antonio Echevarría, Cuba, 2012
A.A. Civil Engineering Instituto Superior José Antonio Echevarría, Cuba, 2011

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
14 Years	-1 – Present	Pembroke Pines

CERTIFICATIONS

TRAINEE ID: 1000007669

- Asphalt Paving Level 1
- Earthwork Construction Inspection Level 1
- Earthwork Construction Inspection Level 2
- Final Estimates Level 1

EMGINEERING EXPERIENCE

At R.J. Behar & Company, Mrs. March will serve as a construction engineering inspector, bringing with her 14 years of proven experience in planning, evaluating, and managing civil and structural projects. She is highly skilled in structural design, inspections, risk and cost management, being able to provide structural recertification inspections conducted under the supervision of a Florida-licensed Special Inspector. Known for her ability to resolve complex technical issues with efficiency and accuracy, Mrs. March is a highly motivated, detail-oriented professional with strong leadership and organizational skills. She is committed to contributing to the success of a dynamic engineering team.

RELEVANT EXPERIENCE

W. 32nd Avenue from W. 68th Street to W. 76th Street, Miami-Dade County, Florida – City of Hialeah
Inspector: The services include coordinating the activities of all parties involved in completing this project, maintaining records of the project events; properly documenting any significant project changes, assisting the City with interpreting plans, specifications, and construction contract provisions; maintaining an adequate level of surveillance of the contractor's operations; and coordinating with FDOT to ensure compliance with their programs.

Old Germantown Road From Park Access Road to South Congress Avenue Bicycle and Pedestrian Improvements, Palm Beach County, Florida – City of Delray Beach
Senior Inspector responsible for full-time on-site observations and inspections of the work in progress to assist in determining if the work is proceeding in accordance with the contract documents and that completed work conforms to the contract documents; will report any unsatisfactory, faulty, defective, work that does not meet the requirements of inspections, tests or approval, review pay applications and approve prior to any concrete work being placed. The project includes constructing curbs, sidewalks, ADA accommodations, shared use paths, drainage, swales, utilities, pedestrian lighting, signage, roadway pavement preservation/rehabilitation, and landscape improvements.

Beverly Park Sidewalk LAP Construction Engineering Inspection Project, Broward County, Florida – City of Hollywood/FDOT District 4
Inspector responsible for construction engineering and inspection services including producing weekly reports, monitoring contractor pay items, holding progress meetings, preparing the meeting agendas, monitoring shop drawings and RFIs, performing Temporary Traffic Control Plan Reviews including the coordination of lane closures, carried out the stormwater pollution prevention plan site reviews per National Pollutant Discharge Elimination System (NPDES) requirements, contract administration, inspection, and materials sampling and testing for the construction of a sidewalk network (Approximately 23,627 linear feet) in the area of the City of Hollywood known as Hollywood Beach Heights & Hollywood Country Estates, in accordance with the terms, conditions, and specifications.

OTHER EXPERIENCE

Waterford Landing Apartment, Miami-Dade County, Florida – City of Miami
Inspector who performed structural inspections and prepared inspection reports with corresponding attachments for 14 buildings of which 11 were threshold buildings.



THALIA SANTANA
ADMINISTRATIVE ASSISTANT, ASSISTANT RESIDENT COMPLIANCE SPECIALIST

EDUCATION
A.A. Prelaw, Miami Dade College, Miami, Florida 2018

YEARS OF EXPERIENCE	YEARS WITH RJ BEHAR	OFFICE LOCATION
1	2024 – Present	Pembroke Pines

CERTIFICATION:
- Resident Compliance Training, FDOT
- Final Estimates I
- Advanced MOT

TIN#: S53581496

ENGINEERING EXPERIENCE
At RJ Behar, Ms. Santana provides administrative assistance to the Construction Engineering and Inspections (CEI) Department. She aids the senior project engineer, project administrator, and inspectors with all related documentation to keep up to date the CEI Department. She is a dedicated professional, well-organized with in-depth technical knowledge and keen attention to detail. She is proficient in Microsoft Office Suite Excel, Power Point, Outlook, and Word; E-Courtesy and Florida E-Filing Portal, Collections Master Software, FOSSE, QuickBooks, Monday, Toggl, Tripadvisor, Yelp, and Google Business. She is bilingual - English and Spanish.

RELEVANT EXPERIENCE

Dillman Trail from Forest Hill Boulevard to Dillman Road Local Agency Program (LAP) Project, Palm Beach County, Florida – City of Greenacres/Florida Department of Transportation (FDOT), District 4
Administrative Assistant: Ms. Santana's responsibilities include assisting with the project documentation, maintaining and organizing contract documentation, preparing meeting minutes, processing shop drawings, organizing and filing all RFI's, and assisting with the closeout documentation. RJ Behar's scope of services includes providing the CEI services, on a full-time basis as requested by the City, contract administration, inspection, and managing the materials sampling and testing.

Hollywood Beach Heights Local Agency Program (LAP) Construction Engineering Inspection Project, Broward County, Florida – City of Hollywood/FDOT District 4
Compliance Specialist/Public Information Officer: She verifies the correct wage table and ensures the jobsite Bulletin Board is in compliance, attends progress meetings, prepares meeting agenda and meeting notes, attends all compliance audits, meetings and trainings as requested by the FDOT District Four Compliance Manager; Submit the Monthly LAP Compliance Checklist; conducts and reviews employee EEO labor interviews with Contractor's employees, ensures all DBE and EEO/AA subcontractors are paid timely; Maintains project documents and ensure files are up to date and current and are in accordance with the Federal requirements and final submittals, Verifies the goals of the anticipated DBE statements are met per the established Federal and State regulations, and performs all public information duties such as fliers, community awareness, and public meetings.

Beverly Park Sidewalk LAP Construction Engineering Inspection Project, Broward County, Florida – City of Hollywood/FDOT District 4
Compliance Specialist/Public Information Officer: She verifies the correct wage table and ensures the jobsite Bulletin Board is in compliance, attends progress meetings, prepares meeting agenda and meeting notes, attends all compliance audits, meetings and trainings as requested by the FDOT District Four Compliance Manager; Submit the Monthly LAP Compliance Checklist; conducts and reviews employee EEO labor interviews with Contractor's employees, ensures all DBE and EEO/AA subcontractors are paid timely; Maintains project documents and ensure files are up to date and current and are in accordance with the Federal requirements and final submittals, Verifies the goals of the anticipated DBE statements are met per the established Federal and State regulations, and performs all public information duties such as fliers, community awareness, and public meetings.

South Royal Poinciana Stormwater & Roadway Improvements Project, Miami-Dade County, Florida – City of Miami Springs
Administrative Assistant maintaining project documentation related to shop drawings submittals, RFIs, utility coordination, material testing, project documentation, review the contractor's payroll, uploaded project documents in FDOT, and final closeout documentation. The project consists of roadway improvements for flooding, traffic operation conditions, and redevelopment of the South Royal Poinciana corridor for drainage, landscape and beautification alternatives.



JAVIER E. BIDOT CRUZ, PSM

PRINCIPAL-IN-CHARGE

jbidot@jebpr.com

YEARS OF EXPERIENCE: 32

PROJECT QUALIFICATION

Project Principal and Technical Leader Surveyor of Javier E. Bidot & Associates since 1997. Professional experience includes land development and construction management, contractor dispute resolution, as well as the scheduling of major residential and infrastructure projects. Over twenty years of Federal Government survey work at different levels. Project Manager and Principal in charge for various IDIQ Federal Contracts for USACE, US-DOJ, NRCS, USFW, NOAA. Admitted to the Local and Federal Court Circuit as Expert Witness numerous times.

EDUCATION

1990 - Bachelor of Science in Land Surveying and Mapping - Polytechnic University of Puerto Rico (Cum Laude)

LICENSES AND CERTIFICATES

- Professional Land Surveyor, PR (Lic. #12972)
- Professional Land Surveyor and Mapper, FL (Lic. #7111)
- Professional Land Surveyor, NY/PSM (Lic. #050998-1)
- Professional Land Surveyor, USVI (Lic. #0-41929-1B)
- HYPACK Certified
- USACE Construction Quality Management for Contractors
- U.T.A. Certified Advanced Professional Utility Locator
- First Aid & CPR SEASchool-197
- Confined Space Entry OSHA Safety Training Certificate
- Excavation and Trenching OSHA Safety Training Certificate
- USPS Licensed Boat Operator
- Hazardous Waste Operations and Emergency Response (HAZWOPER)

ASSOCIATIONS

- College of Engineers and Surveyors of Puerto Rico (CIAPR) - Active Member and Former Vice President of the Operational and Revenue Audit Committee
- National Society of Professional Surveyors (NSPS)
- Florida Surveying and Mapping Society (FSMS)

JAVIER E. BIDOT & ASSOCIATES
Land Surveyors & Consultants

EXPERIENCE

Javier E. Bidot & Associates, PSC – Land Surveyors and Consultants (JEBA)

President, Owner; January 1997-present

- Supervision of up to ten in-house and four subcontracted crews at multiple heavy civil construction, housing, and topographic mapping projects. All survey activities including but not limited to:
  - ALTA/NSPS, Boundary, Topographic and As-built Surveying, Hydrographic Surveying and all types of construction layout, High-Definition Surveys and Subsurface Utility Engineering Surveys.
  - Supervision of professional and administrative staff.
  - All administrative and managerial duties related to this position.
- All administrative and managerial duties related to this position.

RECENT RELEVANT CONFERENCES AND SEMINARS OFFERED

- Mapping & Cartographic Tools for Household & Individual Natural Disaster Preparation.
- Basic Concepts in Subsurface Utility Engineering Surveys.
- Business Toolkit for Land Surveyors and Engineers.
- Basic Concepts in Coastal and Near-shore Hydrographic (Bathymetric) Surveys.
- Basic Concepts in Subsurface Utility Engineering Surveys.
- Land Surveyor's Role on Wind Farms & Other Renewable Energy Projects.

RECENT RELEVANT CONFERENCES AND WORKSHOPS ATTENDED

- Florida: Laws for Surveyors.
- Surveying Definitions; Overlapping Titles and Descriptions.
- Rules of Construction for Interpreting Descriptions.
- Developing and Employee Safety Training Program.
- Boundary Monuments: Artificial and Natural Markers.
- Boundary Agreements.
- Ethics for Land Surveyors: Abiding by the Rules and Regulations for Surveying.
- Adverse Possession: An Advanced Course.
- Design of Utility Infrastructure.
- Research Properties in Florida.
- New Law 147-2016 for the Engineering Practice and the Special Digital Stamp Requirements.
- Datums Transformations
- Bathymetry in Hydrographic Studies

RECENT RELEVANT PROJECTS

- Surveys in Puerto Rico, USVI and Florida; US Corps of Engineers: From January 2001 to 2012, and from 2019 to present he has served as Project Manager and Principal in charge for contracts with the Jacksonville District Corps of Engineers to perform hydrographic, topographic, cadastral and construction surveys in Puerto Rico, Florida, and the US Virgin Islands. Over 95 delivery orders have been completed with a cumulative cost of more than 8M.
- **Specific Purpose Survey-Verification Survey for Pompano Beach Sanitary System, City of Pompano Beach, FL**
- Boundary, Topographic, Hydrographic and Existing Conditions Survey for the C-18W Impoundment Project for SFWMD and USACE.
- Topographic and Hydrographic Survey Support Services for South Florida Water Management District C-139 Flow Equalization Basin (FEB) Project, Hendry County, FL.
- Topographic and Existing Conditions Survey for a two-lane road segment of approximately 5.75 miles Mahogany Road, St Croix; USVI
- Site Survey- Site & Offsite Improvements to Storm Sewer System at DPW, Hallandale Beach, FL
- ROW Mapping, Existing Conditions, Topographic, Hydrographic Survey and Utility Survey in Support to Saeger Road Storm Sewer Improvement Project; St Lucie, FL
- Post Storm Hydrographic Support for Federal and Non- Federal Harbors (USACE), Multiple Municipalities in Puerto Rico
- Subsurface Utility Surveys and supporting Existing Conditions and topographic Surveys for the Broward County Schools Capital Improvements Program.
- Existing Conditions and Topographic Survey for the SFWMD C23-24 MW Backbone Tower North and South Reservoirs and Stormwater Treatment Area (STA), St. Lucie County, FL
- Technical Services in Support of the Landslide and Road Damage Evaluation and Repair Recommendations, Various Municipalities in Puerto Rico
- Surveying Services in Support of New North River Canal Conveyance Improvement Project, Palm Beach, FL
- Topographic, Aerial Photography and LiDAR Surveys for Herbert Hoover Dike Survey Projects, Palm Beach County, Hendry County and Glades County, FL



DANIEL E. BIDOT BETANCOURT, PSM

VICE PRESIDENT

dbidot@jebpr.com

YEARS OF EXPERIENCE: 13

PROJECT QUALIFICATION

With over a decade of survey experience, Daniel E. Bidot focused on survey project management of large construction projects around Florida. As a registered Land Surveyor in Florida and Puerto Rico, Daniel was assigned as the project surveyor for construction projects totaling over 1 billion USD at the same time. Utilizing the latest technologies and methodologies, like UAS, Terrestrial LiDAR, and advanced project management, he is able to deliver construction quantity surveys, GNSS Control Surveys, construction quality control, hydrographic surveying, aerial surveying (LiDAR and Photogrammetry), terrestrial LiDAR, existing conditions surveys, utility surveys, etc.

EDUCATION

2019- Master of Science in Urban Planning- University of Amsterdam
2018- Master of Arts in Philosophy in Ethics and Politics- University of Puerto Rico, Rio Piedras
2016 - Bachelor of Science in Land Surveying and Mapping - Polytechnic University of Puerto Rico (Cum Laude)

LICENSES AND CERTIFICATES

- Professional Land Surveyor, PR (Lic. #27501)
- Professional Land Surveyor and Mapper, FL (Lic. #7317)
- HYPACK Certified
- USACE Construction Quality Management for Contractors
- U.T.A. Certified Advanced Professional Utility Locator
- FAA Drone Pilot Certification
- Level I Antiterrorism Awareness Training Certificate
- First Aid & CPR SEASchool-197
- Confined Space Entry OSHA Safety Training Certificate
- Excavation and Trenching OSHA Safety Training Certificate
- USPS Licensed Boat Operator
- Hazardous Waste Operations and Emergency Response (HAZWOPER)

ASSOCIATIONS

- College of Engineers and Surveyors of Puerto Rico (CIAPR) - Active Member and Former Vice President of the FL Exterior Chapter
- National Society of Professional Surveyors (NSPS)
- Florida Surveying and Mapping Society (FSMS)
- American Society for Photogrammetry and Remote Sensing (ASPRS)

JAVIER E. BIDOT & ASSOCIATES
Land Surveyors & Consultants

EXPERIENCE

Javier E. Bidot & Associates, PSC – Land Surveyors and Consultants (JEBA)

- *Vice President (2024- Present)*

Manage Florida Survey Operations, Contracts, Client and Contract Negotiations, Project Deliverables and Marketing. Supervise crews on day-to-day operations in topographic, as-built, construction-layout, hydrographic, payment, CEI, QA/QC, boundary, subdivision, 3-D Scanning, Utility and Drone Surveys. Supervise CAD Drafting Technicians in providing survey deliverables in a timely manner.

- *Survey Manager (2019-2022)*

Manage Florida Division in client relations; subcontractor service agreements; field crew supervision, federal, state, and local contracts; survey equipment management; purchasing and decommissioning, as well as filling for permits and certifications.

- *Quality Control Surveyor (2017-2019)*

Verify accuracy and general quality of survey deliverables. Assist in final deliverable CAD drawings for topographic surveys, as-built surveys, ALTA/NSPS surveys, etc. Create office marketing strategy, client outreach, as well as supervise media platforms.

Precision Measurements Inc. (PMI)

Office Manager, February 2022- May 2024

- Daily operations include managing the Florida Division in client relations; subcontractor service agreements; field crew supervision, federal, state, and local contracts; survey equipment management; purchasing and decommissioning, as well as filling for permits and certifications. Additionally, he oversees projects and quality control including, but not limited to:
  - Hydrographic Surveys,
  - Subsurface Utilities Studies,
  - ALTA/NSPS Surveys,
  - Aerial LiDAR, and Photogrammetric Surveys,
  - Topographical and As-Built Surveys,
  - Assistant to Expert Witness, 3D Modeling, BIMs and Terrestrial Laser
  - Scanning, Boundary and Route Surveys, etc...

RECENT RELEVANT PROJECTS

- New North River Canal Conveyance Improvement Project Construction Management Services Contract in Palm Beach County.
- SFWMD C-23/C-24 North Reservoir & South Reservoir Microwave Tower Construction Services St. Lucie County.
- Supplemental Geotechnical Investigation for the SFWMD C-18W Impoundment Project, Palm Beach County.
- Central Everglades Planning Project (CEPP) Contract 11B, Everglades Agricultural Area (EAA) A-2 Reservoir Embankment and Structures, Palm Beach County.
- Beach Renourishment - Shore Restoration Project Broward Segment II and III.
- Boundary, Topographic, Hydrographic and Existing Conditions Survey for the C-18W Impoundment Project for SFWMD and USACE.
- NW 20 St. & Lyons Rd, Sawgrass Blvd & Lyons Rd, Regency Lakes & SR-7 Rd- Existing Conditions, Topographic & Utility Survey; Coconut Creek.
- Topographic and Hydrographic Survey Support Services for South Florida Water Management District C-139 Flow Equalization Basin (FEB) Project, Hendry County.
- Existing conditions, topographic and utility location and identification (including GPR/SUE) surveys for capital improvement projects that included perimeter security, fire protection and site utilities for Palm Beach Schools District.
- Existing Conditions and Topographic Survey for Drainage Improvement Project at SW 7th Terrace, Between SW 9th Street and SW 11th Street, Hallandale Beach.
- Subsurface Utility Surveys and supporting Existing Conditions and Topographic Surveys for the Broward County Schools Capital Improvements Program.
- ROW Mapping, Existing Conditions, Topographic, Survey and Utility Surveys in Support to Burnett and Pluckebaum Roads Storm Sewer Improvement Project Brevard County.
- Topographic and Existing Conditions Survey for a two-lane road segment of approximately 5.75 miles Mahogany Road, St Croix; USVI
- Post Storm Hydrographic Support for Federal and Non- Federal Harbors (USACE), Multiple Municipalities in Puerto Rico



CARLOS M. LEBRÓN, PSM

VICE-PRESIDENT / C.O.O.

clebron@jebpr.com

YEARS OF EXPERIENCE: 17 (15 with JEBA)

PROJECT QUALIFICATION

Professional Land Surveyor with over 17 years of experience on the land surveying industry. Experience with survey computations and platting using Trimble Business Center, AutoCAD, Carlson as well as field experience with Trimble Access.

Create and execute project work plans and revises as appropriate to meet changing needs and requirements. Effective verbal and written communication skills in English and Spanish.

EDUCATION

2008 - Bachelor of Science in Land Surveying and Topography – University of Puerto Rico, Mayagüez Campus

LICENSES AND CERTIFICATES

- Professional Land Surveyor, Puerto Rico Lic. #23744
- Professional Land Surveyor, Florida Lic #LS7259
- USACE Construction Quality Management for Contractors.
- Professional Utility Locator Certified
- FAA Part 107 Remote Pilot Certification #4007463
- First Aid & CPR Certificate
- Confined Space Entry OSHA Safety Training
- Excavation and Trenching OSHA Safety Training Certificate.
- Hazardous Waste Operations and Emergency Response (HAZWOPER)

ASSOCIATIONS

- College of Engineers and Surveyors of Puerto Rico (CIAPR) - Active Member

RECENT CONTINUED EDUCATION COURSES

- Urban Planning & Surveying: Integration of Technologies & Methodologies.
- Building Information Modeling for Surveyors and Engineers
- Transitioning to a New Datum
- HYPACK Software Training
- Engineering and Surveying in the Re-invention of Puerto Rico
- Research Property in Florida
- Datums Transformations
- Bathymetry in Hydrographic Studies

JAVIER E. BIDOT & ASSOCIATES
Land Surveyors & Consultants

EXPERIENCE

Javier E. Bidot & Associates, PSC – Land Surveyors and Consultants (JEBA)

Executive Vice-President / C.O.O.; 2023-Present

- Participate in Business Development activities including direct and indirect marketing and meetings with clients, proposal writing, travel to wherever the Company is engaged.
- Implementation of survey principle, technology, concepts in a manner consistent with the Company's vision and plans, including ALTA/ACSM Title and Boundary Surveys, and Maritime Delineation and Water boundaries.
- Implementation of State-of-the-Art surveying and mapping technologies.
- Perform Government Agency submittals and consultations, as required by each job.
- Perform Quality Control of Boundary and ALTA/ACSM.

Survey Manager; 2014-2023

- Oversees daily survey operation of up to six survey crews, supporting technical staff and subconsultants including and not limited to High- Definition Surveys, ALTA/NSPS Surveys, Topographic Surveys, Subsurface Utility Surveys and Hydrographic Surveys, Horizontal and Vertical Control Network and Right of Ways Plans.
- Perform quality control of all survey documents, including survey plans, record plats, descriptions, and review of title commitments reports.
- Coordinate and schedule survey crews.
- Plan, organize and manage office and fieldwork projects to meet critical deadlines and project budget.
- Represent company at projects related meetings and during all point of contact with clients.

Survey Technician; June 2009- June 2014

- Data downloading, processing, analysis, and mapping support.
- Perform deeds and record maps research.
- Prepare Legal Descriptions for property boundaries and easements from AutoCAD mapping and recorded documents.
- Calculate coordinates for boundary corner search and construction staking using AutoCAD.
- Performs GPS observations and post-processing calculations through OPUS and TBC software.

RECENT RELEVANT PROJECTS

- From 2019 to present he has served as Survey Manager for task orders on IDIQ contracts with the Jacksonville & Memphis Districts of the Corps of Engineers to perform hydrographic, topographic, cadastral and construction surveys in Puerto Rico, Florida, and the US Virgin Islands. Over 55 delivery orders have been completed with a cumulative cost of more than 6M.
- **Specific Purpose Survey-Verification Survey for Pompano Beach Sanitary System, City of Pompano Beach, FL**
- ROW Mapping, Existing Conditions, Topographic, Hydrographic Survey and Utility Survey in Support to Saeger Road Storm Sewer Improvement Project; St Lucie, FL
- Topographic and Hydrographic Survey Support Services for SFWMD C-139 Flow Equalization Basin (FEB) Project in Hendry County, FL.
- Existing Conditions, Topographic and Utility location and Identification (including GPR/SUE) surveys for Broward County Schools Capital Improvements Program, Broward County, FL
- Over 95 Existing Conditions Site Surveys for the CDBG 3 R Project, Southeast Puerto Rico.
- Topographic and Existing Conditions Surveys of over 60 Landslides, Multiple Municipalities, Puerto Rico.
- Construction Surveying Services for the Reconstruction of Apron 6 at SJU, Carolina, Puerto Rico.
- Over 100 Bridge Scour Study Surveys; Various Municipalities, Puerto Rico.
- LiDAR Mission Support Surveys for LUMA Transmission Lines TL-3100, TL-600, TL 11100. TL 9700, TL-11400, TL 50200, TL 50300, TL 51200 projects in various Municipalities of Puerto Rico.
- Site Surveys and Subsurface Utility Exploration Surveys for PREPA-LUMA Rio Grande Estates, Tapia, Viaducto Substations Projects in various Municipalities of Puerto Rico.
- Surveying Services for LUMA Distribution Lines Projects; El Yunque, Caguas, Carolina, Ponce, Arecibo; in various Municipalities of Puerto Rico.
- Route Study, Existing Conditions, Topographic and Utility Conflict Location and Identification Survey for FEMA Projects, Ponce Short Term Group 1 and 2; San Juan Short Term Group 1, 2 and 3; Caguas Short Term Group 1, 4 and 6; and Arecibo Short Term Group 2.
- Ground Based Engineering Survey Services for FEMA Projects LUMA Transmission Lines 1900, 2200, and 2400; various Municipalities of Puerto Rico.

RESUME'

Name: R. N. Sailappan, P.E.

Education: B.S. (Naval Architecture), Cochin University of Science & Technology, Cochin, India, 1986
M.S. (Civil Engineering), Florida Atlantic University, Boca Raton, FL, 1991

Licenses: Professional Engineer, Registered in the State of Florida, 1993

Associations: Member, American Society for Testing of Materials (ASTM), 2010
Member, American Society of Civil Engineers (ASCE), 1994
Member (Former), Institution of Naval Architects (INA), India, 1987

Work Experience:

1998 - Present	Principal Quest Engineering Services & Testing, Inc. Pompano Beach, Florida.
1990 - 1998	Engineer & Manager Professional Service Industries, Inc. West Palm Beach, Ft. Lauderdale, Miami, FL
1988 - 1990	Graduate Research Assistant Dept. of Ocean Engineering, Florida Atlantic University Boca Raton, Florida
1986 - 1988	Naval Architect Mazagon Dock Ltd., Mumbai (Bombay), India

Relevant Skills: Geotechnical Studies and Foundation Design Recommendations
Foundation Installation Inspections & Pile Load Tests
Field and Laboratory Tests on Soil, Concrete, Masonry, Asphalt
Structural (Special/Threshold) Inspections
Environmental Site Assessments
Project Management, Marketing, Business Development

Relevant Projects: Miramar East Water Treatment Plant, Miramar, FL
Sawgrass Water Treatment Plant, Sunrise, FL
North Broward Waste Water Treatment Plant, Pompano Beach, FL
Utility Improvements, City of Sunrise, FL
Miami-Dade Water & Sewer Utility Improvements, Dade County, FL
Ft. Lauderdale/Hollywood International Airport, Ft. Lauderdale, FL

Publications

D. V. Reddy and R. N. Sailappan, "Acoustic Emission as a NDE Tool - Certain Laboratory and Field Investigations", December 1989.

D. V. Reddy, S. K. Lee, R. N. Sailappan, W. H. Hartt & M. Arockiasamy, "Fracture Mechanics Evaluation of the Durability of Fly Ash Concrete", December, 1991.

D. V. Reddy, S. K. Lee, R. N. Sailappan, W. Ahn, G. V. Jeedigunta, and K. P. Bethune, "Corrosion Resistance and Fracture Toughness of High Performance Concrete in the Marine Environment", May-June 1998.

Mr. Sailappan has over 35 years of engineering industry experience, with nearly 33 of those years being in South Florida. He has worked on hundreds of projects such as roadways, utilities, public facilities, commercial projects, residential projects, stadiums and arenas, providing construction materials testing, geotechnical engineering, structural inspections, forensic repair designs, wind load evaluations as well as engineering consultations with regard to roofing, ground vibrations, light and sound analysis.

RESUME'

Name: Reza Javidan, P.E.

Education: B.S. (Civil Engineering), University of Detroit, MI, 1986
M.S. (Civil Engineering), University of Detroit, MI 1988

Licenses: Professional Engineer, Registered in the State of Florida, 2003

Work Experience:

2015 - Present	Project Engineer Quest Engineering Services & Testing, Inc. Pompano Beach, Florida.
2009 - 2015	Project Engineer Florida Engineering & Testing, Inc. Pompano Beach, Florida.
2004 - 2009	Senior Geotechnical Engineer Nutting Engineering of Florida Boynton Beach, Florida
2000 - 2004	Geotechnical Engineer ATC, Inc., Miami, Florida
1993 - 2000	Geotechnical Engineer Toos-Ab Engineering, Inc., Mashad, Iran.
1989 - 1993	Project Engineer Bowser-Morner Associates, Inc., Toledo, Oh

Relevant Skills:
Geotechnical Studies and Foundation Design Recommendations
Foundation Installation Inspections & Pile Load Tests
Field and Laboratory Tests on Soil, Concrete, Masonry, Asphalt
Structural (Special) Inspections
Project Management

Relevant Projects:
Trump Plaza, Hallandale Beach, FL
Office Max Headquarter Building, Boca Raton, FL
State School QQQ, Miami, FL
Sunset Lakes Elementary School, Miramar, FL
BCC-Central Campus, Proposed Parking Garage, Davie, FL
North Broward Waste Water Treatment Plant, Pompano Beach, FL
Broward County Fire Rescue – Station 34, North Lauderdale, FL
Ft. Lauderdale/Hollywood International Airport, Ft. Lauderdale, FL

Mr. Javidan has over 30 years of engineering industry experience of which over 17 years have been in South Florida. He has worked on hundreds of projects such as roadways, utilities, public facilities, commercial projects, residential projects, providing construction materials testing, geotechnical engineering, structural inspections, wind load evaluations as well as engineering consultations with regard to roofing and ground vibrations.

QuEST

RESUME

Name: Wilson Fernandez
Laboratory Manager

General Duties: General duties include testing of construction materials, overseeing the lab and field technicians to ensure that test procedures are being correctly followed and maintaining up-to-date equipment calibrations.

Certification:
Nuclear Gauge Operator Certification
HAZMAT Certification:
Radiation Safety Officer Class Certification
ACI Concrete Field-Testing Technician:
ACI Aggregate Testing Technician Level 1
ACI Aggregate Base Testing Technician Level 1
ACI Concrete Laboratory Testing Technician Level 1
ACI Concrete Strength Testing Technician

CTQP Qualified Base Testing Technician
CTQP Qualified Aggregate Testing
CTQP Qualified Concrete Laboratory Technician – Level 1
CTQP Qualified LBR Technician
CTQP Qualified Concrete Field Technician – Level 1
CTQP Qualified Sampler Technician

Work Experience:

2015 - 2021	Quest Engineering Services & Testing, Inc.
2021 - Present	Pompano Beach, FL
2021 - 2022	Ardaman & Associates inc. Orlando, FL

Relevant Skills:
Field and Laboratory Tests on Soils, Concrete & Masonry
Field and Laboratory Tests on Specialty Materials
Assists in Roofing & Structural Inspections

Projects:

2015	Andrews Avenue Extension, Pompano Beach, FL
2016	Wal-Mart Rehabilitation, Tamarac, FL
2017	FIU Student Academic Support Center, Miami, FL
2018	Riverside Promenade, Pompano Beach, FL
2020	Infrastructure Improvements, Lauderdale Lakes, FL
2021	FLL Terminal 4-BHS, Ft. Lauderdale Int'l Airport FL
2023	Terminal 3 Modifications, Ft. Lauderdale Int'l Airport, FL

Wilson Fernandez has 9 years of experience in South Florida providing field and laboratory tests on soils, concrete and masonry for various projects. He is also well versed in Corrosion Testing, load tests, coefficient of friction tests, fireproofing tests. He is also familiar with earthwork observations, soil borings, and has displayed a tremendous dedication, reliability and technical knowledge in the various projects he has been involved with, helping the successful progress of each of the projects listed above

RAJ KRISHNASAMY, P.E.

President, Principal Engineer

38 Years of Professional Experience



Education

MS in Geotechnical Engineering, University of Memphis, 1995

BS in Civil Engineering, Christian Brothers University, 1987

Diploma Electronic Engineering, Malaysian Air Force Institute, 1984

Professional Organization and Registration

Professional Engineer: Florida, 53567

Water Well Contractor, Florida, 11346

Certified OSHA Supervisor

Certified Environmental Consultant

Professional Experience

Mr. Raj Krishnasamy, P.E., President and Principal Engineer of TSFGeo, is a Florida Registered Geotechnical Engineer with over 38 years of experience. Mr. Krishnasamy oversees geotechnical engineering, construction materials testing, and inspection services operations. His experience consists of successfully completing over 7,500 public and private projects. He serves as Project Manager for continuing contracts with over 20 Florida public agencies. He has a history of repeatedly retaining those contracts through successful, cost-effective, and prompt execution of each task order. Mr. Krishnasamy's daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida. Mr. Krishnasamy and his highly experienced team focus on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget.

Relevant Project Experience

Kester Park, Pompano Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Study for the Kester Park improvement project. The project consisted of improvements to baseball diamonds, dugouts and lights. Provided a geotechnical engineering report which included evaluations and recommendations regarding site preparation, foundations, floor slabs, utilities, high mast arms foundation design, drilled shaft construction, construction considerations, excavations, and inspections/quality control testing.

McNab House – Botanical Garden Site, Pompano Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Study for the McNab House and Botanical Gardens. The project consisted of drainage and landscape improvements along with new single-story amenities buildings. Provided a geotechnical engineering report which included evaluations and recommendations regarding geotechnical discussions, site preparations, foundations, floor slabs, and utilities along with construction considerations regarding excavations.

McNair Park Redevelopment Pompano Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Study for redevelopment of McNair Park. Redevelopment consisted of a new 5,000 square foot single-story structure for restrooms and concessions, a new football field, a new playground, and various other site improvements. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundations, site preparation procedures and construction considerations regarding excavations.

Master Lift Station 226, Pompano Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Services for improvements to Master Lift Station 226. The improvements consisted of two new driveways, concrete pad for outdoor generator and re-designing a concrete transformer pad that had failed. Provided a geotechnical engineering report which included evaluations and recommendations regarding site preparation, foundations, floor slabs, pavement and construction considerations regarding excavations.

Relevant Project Experience, *continued*

Broward County Water and Wastewater - F2-UAZ 236, Pompano Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Services for improvements to F2-UAZ 236. The project consisted of Broward County Water and Wastewater Services (BCWWS) septic tank elimination program (STEP) for approximately fifty (50) commercial / industrial properties located in Utility Analysis Zone (UAZ) 236, District 2. The major improvements included gravity sewer, force main, retail lift station, maintenance access structures, service laterals and cleanouts. Provided a geotechnical engineering report which included evaluations and recommendations regarding soil suitability, lift station foundation recommendations, lateral earth pressures, and construction excavation and dewatering.

Retail Master Pump Station 226 Rehabilitation, Pompano Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Special Inspection Services for the Retail Master Pump Station 226 Rehabilitation located at 2600 NE 16th Avenue in Pompano Beach, Florida. The project consisted of Odor Control Equipment and Generator attachments to concrete slabs. Visual inspections of connections were required. Provided a compliance letter that all inspected work was performed as per Florida Building Code, project specification requirements.

Lift Station 61 Rehabilitation, Pompano Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Construction Materials Testing Services for the Lift Station 61 rehabilitation. Provided Vibration Monitoring Services were required at specific locations during renovations to help mitigate potential damage to nearby existing structures. Services included concrete testing and reporting.

SR-A1A from NE 5th Street to Bay Drive, Broward County, Florida*; FPID No. 447655-1*. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Services for SR A1A from NE 5th Street to Bay Drive. The project consisted of milling and resurfacing, lighting, and drainage structure improvements. Provided a geotechnical engineering report which included evaluations and recommendations regarding soil suitability for drainage structures, permanent cut and fill slopes, excavations, groundwater control, and the design for light poles.

SW 148th Avenue from SW 52nd Dr to SW 48th Ct/Bass Creek Road, Broward County, Florida; *FPID No. 439993-1-52-01.* Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Services for improvements on SW 148th Avenue. The project consisted of intersection and sidewalk improvements along SW 148th Avenue from SW 52nd Drive to SW 48th Court/Bass Creek Road. Provided a geotechnical engineering report which included evaluations and recommendations regarding permanent cut and fill slopes, excavations, groundwater control, pavement design considerations, on-site soil suitability, pavement cores, vibration and settlement monitoring and pre and post construction survey.

Bike Lanes on NW 10th Avenue, Oakland Park, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Services for improvements to NW 10th Avenue. The improvements consisted of widening 10th Avenue from NW 38th Street to W Prospect Road. Provided a geotechnical engineering report which included evaluations and recommendations regarding permanent cut and fill slopes, excavations, groundwater control, pavement design considerations and on-site soil suitability.

Sullivan Park Redevelopment, Deerfield Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Study for the Sullivan Park Redevelopment. The project consisted of a new 4,600 square foot single-story structure and various other site improvements. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundations, site preparation procedures, site clearing, floor subgrade compaction and engineering fill, footings, construction considerations and excavations.

Pioneer Park Pier 5 and Fishing Dock, Deerfield Beach, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Study for improvements at Pioneer Park. The improvements consisted of replacement to the existing pier 5 and fishing dock. Provided a geotechnical engineering report which included evaluations and recommendations regarding axial capacity, FB-Multiplier soil parameters, pile installation, test pile program, pre-construction conditions survey, construction considerations and excavations.

KUMAR VEDULA, P.E.

Principal Geotechnical Engineer

29 Years of Professional Experience



Education

MS in Geotechnical Engineering, University of Memphis, 1995

BE in Civil Engineering, Andhra University, 1992

Professional Organization and Registration

Professional Engineer 54873

American Society of Civil Engineers, Past President (Broward Branch)

Professional Experience

Mr. Kumar Vedula, P.E., a Principal Engineer of TSFGeo, a Florida Registered Professional Engineer, has more than 29 years of experience providing engineering services for a wide variety of geotechnical projects involving foundation design, slope stability analysis, WEAP analysis and interpreting PDA reports, excavation support, and construction inspection. Mr. Vedula's extensive experience includes foundation inspections (shallow and deep foundations), soil modification (dynamic compaction, stone columns), preloading, excavations, backfilling, and post-construction monitoring. He has served as a principal inspector on numerous surcharging and settlement evaluations of organic laden soils assignments. His project experience includes 300+ geotechnical engineering studies for various project types including parks, piers, shoreline stabilization, dredging, bridges, roadways, utilities, high-rise buildings, schools, and government facilities. Mr. Vedula has authored, and co-authored papers published in national and international publications.

Relevant Project Experience

Kester Park, Pompano Beach, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Study for the Kester Park improvement project. The project consisted of improvements to the baseball diamonds, dugouts and lights. Provided a geotechnical engineering report which included evaluations and recommendations regarding site preparation, foundations, floor slabs, utilities, high mast arms foundation design, drilled shaft construction, construction considerations, excavations, and inspections/quality control testing.

McNab House – Botanical Garden Site, Pompano Beach, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Study for the McNab House and Botanical Gardens. The project consisted of drainage and landscape improvements along with new single-story amenities buildings. Provided a geotechnical engineering report which included evaluations and recommendations regarding geotechnical discussions, site preparations, foundations, floor slabs, and utilities along with construction considerations regarding excavations.

McNair Park Redevelopment Pompano Beach, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Study for redevelopment of McNair Park. Redevelopment consisted of a new 5,000 square foot single-story structure for restrooms and concessions, a new football field, a new playground, and various other site improvements. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundations, site preparation procedures and construction considerations regarding excavations.

SR-A1A from NE 5th Street to Bay Drive, Broward County, Florida*; FPID No. 447655-1*. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Services for SR-A1A from NE 5th Street to Bay Drive. The project consisted of milling and resurfacing, lighting, and drainage structure improvements. Provided a geotechnical engineering report which included evaluations and recommendations regarding soil suitability for drainage structures, permanent cut and fill slopes, excavations, groundwater control, and the design for light poles.

Relevant Project Experience, *continued*

Broward County Water and Wastewater - F2-UAZ 236, Pompano Beach, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Services for improvements to F2-UAZ 236. The project consisted of Broward County Water and Wastewater Services (BCWWS) septic tank elimination program (STEP) for approximately fifty (50) commercial / industrial properties located in Utility Analysis Zone (UAZ) 236, District 2. The major improvements included gravity sewer, force main, retail lift station, maintenance access structures, service laterals and cleanouts. Provided a geotechnical engineering report which included evaluations and recommendations regarding soil suitability, lift station foundation recommendations, lateral earth pressures, and construction excavation and dewatering.

Master Lift Station 226, Pompano Beach, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Services for improvements to Master Lift Station 226. The improvements consisted of two new driveways, concrete pad for outdoor generator and re-designing a concrete transformer pad that had failed. Provided a geotechnical engineering report which included evaluations and recommendations regarding site preparation, foundations, floor slabs, pavement and construction considerations regarding excavations.

SW 148th Avenue from SW 52nd Dr to SW 48th Ct/Bass Creek Road, Broward County, Florida; *FPID No. 439993-1-52-01.* Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Services for improvements on SW 148th Avenue. The project consisted of intersection and sidewalk improvements along SW 148th Avenue from SW 52nd Drive to SW 48th Court/Bass Creek Road. Provided a geotechnical engineering report which included evaluations and recommendations regarding permanent cut and fill slopes, excavations, groundwater control, pavement design considerations, on-site soil suitability, pavement cores, vibration and settlement monitoring and pre and post construction survey.

Bike Lanes on NW 10th Avenue, Oakland Park, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Services for improvements to NW 10th Avenue. The improvements consisted of widening 10th Avenue from NW 38th Street to W Prospect Road. Provided a geotechnical engineering report which included evaluations and recommendations regarding permanent cut and fill slopes, excavations, groundwater control, pavement design considerations and on-site soil suitability.

Sullivan Park Redevelopment, Deerfield Beach, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Study for the Sullivan Park redevelopment. The project consisted of a new 4,600 square foot single-story structure and various other site improvements. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundations, site preparation procedures, site clearing, floor subgrade compaction and engineering fill, footings, construction considerations and excavations.

Pioneer Park Pier 5 and Fishing Dock, Deerfield Beach, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Study for improvements at Pioneer Park. The improvements consisted of replacement to the existing pier 5 and fishing dock. Provided a geotechnical engineering report which included evaluations and recommendations regarding axial capacity, FB-Multiplier soil parameters, pile installation, test pile program, pre-construction conditions survey, construction considerations and excavations.

Lift Station 222 Generator Slab, Deerfield Beach, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Services for the installation of a new generator slab at Lift Station 222. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundations.

S-45 Pump Station, Broward County, Florida. Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Services for S-45 Pump Station. The project consisted of a storm water pump station with twin 72-inch culvert connecting the Cocomar Water Control District C-4 Canal to the SFWMD Hillsboro Canal. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundation soil parameters.

Staff Professional Licenses and Certifications

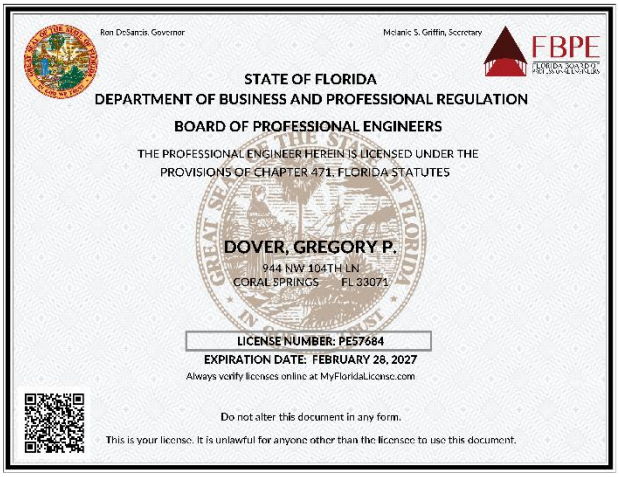
Robert J. Behar, PE

License Number: 21755 – **Expires:** February 28, 2027


Ron DeSantis, Governor
Melanie S. Griffin, Secretary
FBPE
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
BEHAR, ROBERT JOSE
12090 SW 26 CT
DAVIE FL 333300000
LICENSE NUMBER: PE21755
EXPIRATION DATE: FEBRUARY 28, 2027
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Gregory P. Dover, PE

License Number: 57684 – **Expires:** February 28, 2027


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DOVER, GREGORY P.
944 NW 104TH LN
CORAL SPRINGS FL 33071
LICENSE NUMBER: PE57684
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Paola Riveros, PE

License Number: 74249 – **Expires:** February 28, 2027


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RIVEROS, PAOLA ANGELICA
5306 sw 134 AVE
MIRAMAR FL 33027
LICENSE NUMBER: PE74249
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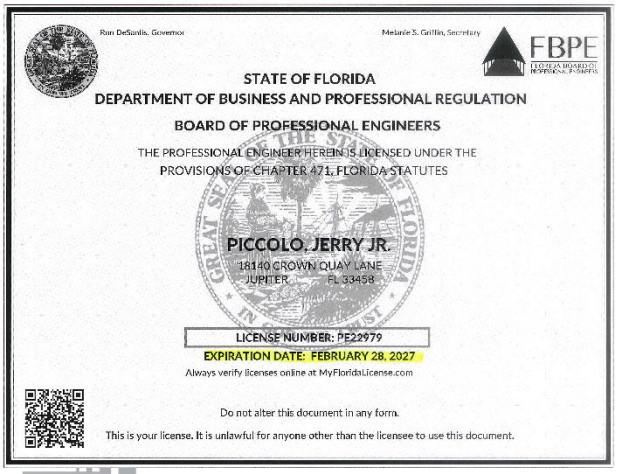
Hans Murzi, PE

License Number: 67767 – **Expires:** February 28, 2027


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Melanie S. Griffin, Secretary
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STATE OF FLORIDA
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MURZI, HANS J.
15232 SW 35TH STREET
DAVIE FL 33331
LICENSE NUMBER: PE67767
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Jerry Piccolo, PE

License Number: 22979 – **Expires:** February 28, 2027


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PICCOLO, JERRY JR.
18140 CROWN QUAY LANE
JUPITER FL 33458
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Jossmel Cruz-García, PE

License Number: 97192 – **Expires:** February 28, 2027


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Melanie S. Griffin, Secretary
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CRUZ GARCIA, JOSSMEL
5636 NE 5TH TER
OAKLAND PARK FL 33334
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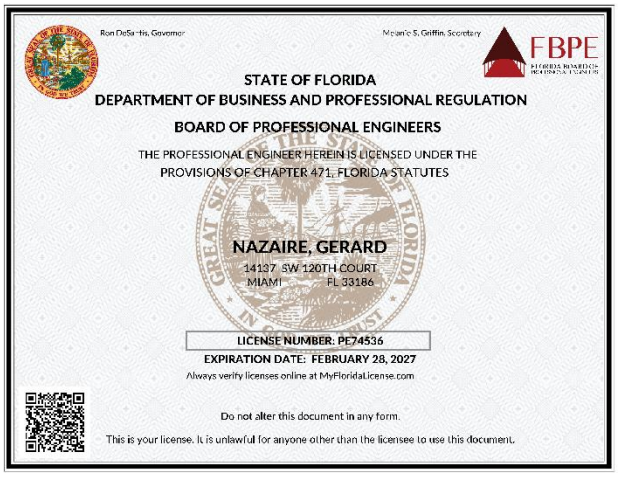
Elmer Cardenas, PE

License Number: 62988 – **Expires:** February 28, 2027


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Melanie S. Griffin, Secretary
FBPE
STATE OF FLORIDA
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CARDENAS, ELMER
15365 S.W. 11 STREET
MIAMI FL 33194
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Gerard Nazaire, Jr, PE

License Number: 62988 – **Expires:** February 28, 2027


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NAZAIRE, GERARD
14137 SW 120TH COURT
MIAMI FL 33186
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Nestor Santana, PE

License Number: 85785 – **Expires:** February 28, 2027


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SANTANA, NESTOR
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PLANTATION FL 33322
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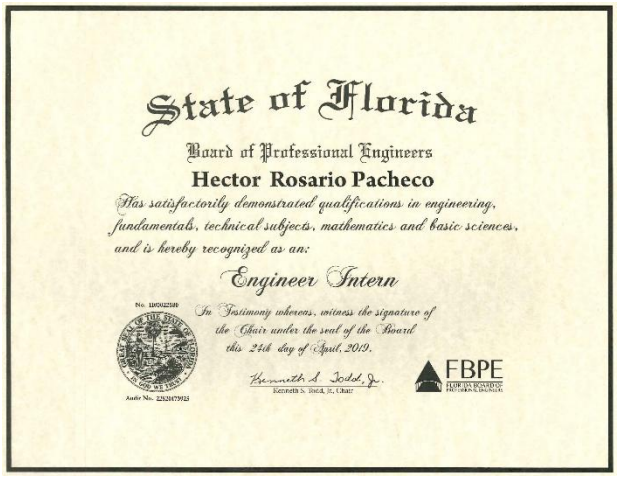
Carmelo J. Ramos, PE

License Number: 77953 – **Expires:** February 28, 2027


Ron DeSantis, Governor
Melanie S. Griffin, Secretary
FBPE
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
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RAMOS, CARMELO J.
25341 SW 116TH AVENUE
PRINCETON FL 33032
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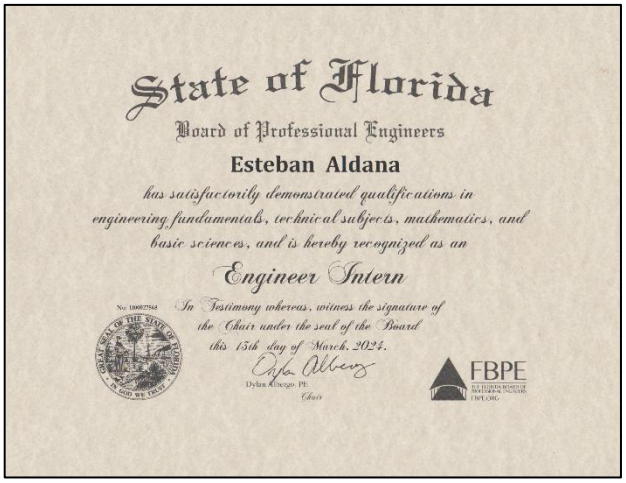
Hector Rosario-Pacheco, EI

Engineer Intern #: 1100022580, **Date**: 4/24/2019


State of Florida
Board of Professional Engineers
Hector Rosario Pacheco
Has satisfactorily demonstrated qualifications in engineering, fundamentals, technical subjects, mathematics and basic sciences, and is hereby recognized as an:
Engineer Intern
In Testimony whereof, witness the signature of the Chair under the seal of the Board this 24th day of April, 2019.
Kenneth S. Todd, Jr.
Kenneth S. Todd, Jr., Chair
FBPE

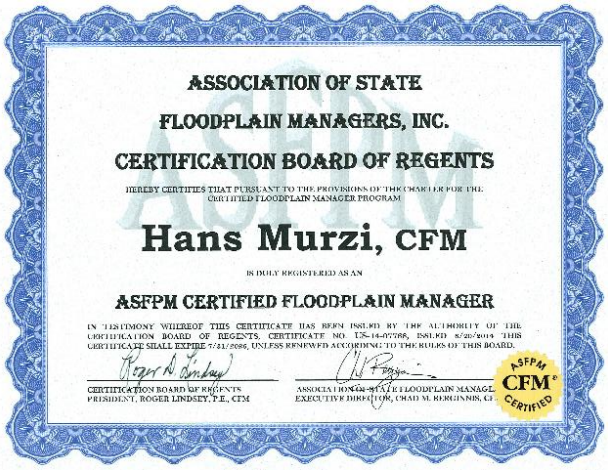
Esteban Aldana, EI

Engineer Intern No. 1100027568, **Date:** 3/13/2024


State of Florida
Board of Professional Engineers
Esteban Aldana
has satisfactorily demonstrated qualifications in engineering fundamentals, technical subjects, mathematics, and basic sciences, and is hereby recognized as an
Engineer Intern
In Testimony whereof, witness the signature of the Chair under the seal of the Board this 15th day of March, 2024.
Dylan Albergo, PE
Chair
FBPE

Specialty Certifications

Hans Murzi, PE, CFM – Floodplain Managers, Inc.
Certified Floodplain Manager – Exp. 07/31/2026


ASSOCIATION OF STATE
FLOODPLAIN MANAGERS, INC.
CERTIFICATION BOARD OF REGENTS
HEREBY CERTIFIES THAT PURSUANT TO THE PROVISIONS OF THE CHARTER FOR THE CERTIFIED FLOODPLAIN MANAGER PROGRAM
Hans Murzi, CFM
IS DULY REGISTERED AS AN
ASFPM CERTIFIED FLOODPLAIN MANAGER
IN TESTIMONY WHEREOF THIS CERTIFICATE HAS BEEN ISSUED BY THE AUTHORITY OF THE CERTIFICATION BOARD OF REGENTS, CERTIFICATE NO. US-14-07788, ISSUED 8/26/2014. THIS CERTIFICATE SHALL EXPIRE 7/31/2026, UNLESS RENEWED ACCORDING TO THE RULES OF THIS BOARD.
CERTIFICATION BOARD OF REGENTS
PRESIDENT, ROGER LINDSEY, P.E., CFM
ASSOCIATION OF STATE FLOODPLAIN MANAGERS, INC.
EXECUTIVE DIRECTOR, CHAD M. BERGINNIS, CFM
ASFPM CFM CERTIFIED

Hans Murzi, PE, CFM
Stormwater Management Inspector


QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR
The undersigned hereby acknowledges that
Hans Murzi
has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program
April 25, 2015
Hal Lunsford
Inspector Number 32812
Kathryn Brackett

Robert J. Behar, PE – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification: 614222 – Expires: 8/24/2027


CERTIFICATE
OF COMPLETION
Robert Behar
Has Completed a FDOT Approved Temporary Traffic Control (TTC): Advanced Course
Training Provider:
A&W Consultants, Inc.
5545 Benchmark Lane
Sanford FL 32773
Phone: 386-789-9896
Verify this Certificate by visiting www.mcdatmin.com
09/26/2025
08/24/2027
R.A.
614222
FDOT

Paola Riveros, PE – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification:641267 – Expires: 4/22/2029


CERTIFICATE
OF COMPLETION
Paola Riveros
Has Completed a FDOT Approved Temporary Traffic Control (TTC): Advanced Course
Training Provider:
A&W Consultants, Inc.
5545 Benchmark Lane
Sanford FL 32773
Phone: 386-789-9896
Verify this Certificate by visiting www.mcdatmin.com
09/26/2025
04/22/2029
P.A.
641267
FDOT

Paola Riveros, PE – FDOT Roundabouts Design Training – Date: Feb 21-22, 2019


FDOT
Florida Department of Transportation
This certifies that
Paola Riveros, PE74249
has successfully completed the
Roundabouts Design Training
FBPE Course Number: 0001026
Presented on Feb 21-22, 2019,
and has qualified for CE credits.
Signature of approval authority
FBPE Provider number: CEP 0005533

Paola Riveros, PE – University of Florida Transportation Institute – Designing Safer Roads for Pedestrians and Bicyclist WEBINAR


UF University of Florida Transportation Institute
Florida Transportation Technology Transfer (T2) Center
UNIVERSITY of FLORIDA
This certifies that
Paola Riveros
has attended a Florida T2 Workshop
Designing Safer Roads for Pedestrians and Bicyclists WEBINAR
PE#: 74249 PDH: 7
Conducted at Gainesville, FL as a Webinar
on February 16, 2018
Dr. Lily Elefteriadou, Director
University of Florida Transportation Institute
Darryll Dockstader, Research Center Manager
Florida Department of Transportation
James Christian, Division Administrator
FHWA Florida Division

R.J.Behar

Paola Riveros, PE – Florida LTAP Center Developing a Pedestrian Safety Action Plan, Part 1 of 2 – Date: 12/09/2022


Certificate of Training
Florida Local Technical Assistance Program
Paola Riveros
has successfully completed
Developing a Pedestrian Safety Action Plan Part 1 of 2
and has earned 3.0 PDHs for this training
Completion Date: December 9, 2022
Florida LTAP Manager Dr. Cong Chen
Florida LTAP Director Dr. Pei-Sung Lin

Paola Riveros, PE – Florida LTAP Center Guidance to Improve Multimodal Safety at Intersections – Date: 12/05/2022


Certificate of Training
Florida Local Technical Assistance Program
Paola Riveros
has successfully completed
Guidance to Improve Multimodal Safety at Intersections
and has earned 2.0 PDHs for this training
Completion Date: December 5, 2022
Florida LTAP Manager Dr. Cong Chen
Florida LTAP Director Dr. Pei-Sung Lin

Paola Riveros, PE – Florida LTAP Center Advanced Work Zone Management and Design, Part 1 of 4 – Date: 12/02/2022


Certificate of Training
Florida Local Technical Assistance Program
Paola Riveros
has successfully completed
Advanced Work Zone Management and Design Part 1 of 4
and has earned 3.0 PDHs for this training
Completion Date: December 2, 2022
Florida LTAP Manager Dr. Cong Chen
Florida LTAP Director Dr. Pei-Sung Lin

Paola Riveros, PE – Florida LTAP Center Advanced Work Zone Management and Design, Part 2 of 4 – Date: 12/06/2022

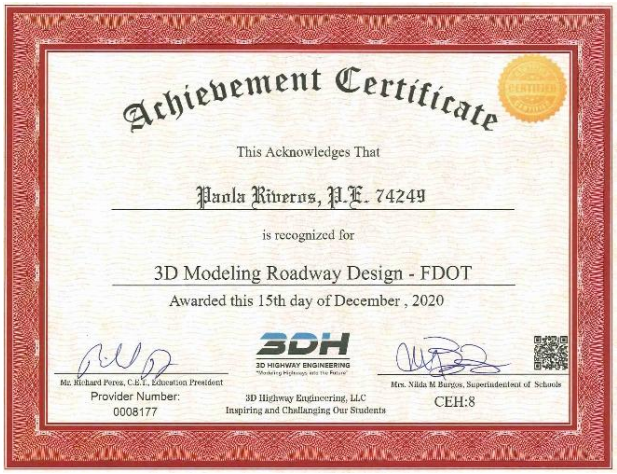

Certificate of Training
Florida Local Technical Assistance Program
Paola Riveros
has successfully completed
Advanced Work Zone Management and Design Part 2 of 4
and has earned 3.0 PDHs for this training
Completion Date: December 6, 2022
Florida LTAP Manager Dr. Cong Chen
Florida LTAP Director Dr. Pei-Sung Lin

Paola Riveros, PE – Florida LTAP Center Advanced Work Zone Management and Design, Part 3 of 4 – Date: 12/08/2022


Certificate of Training
Florida Local Technical Assistance Program
Paola Riveros
has successfully completed
Advanced Work Zone Management and Design Part 3 of 4
and has earned 3.0 PDHs for this training
Completion Date: December 8, 2022
Florida LTAP Manager Dr. Cong Chen
Florida LTAP Director Dr. Pei-Sung Lin

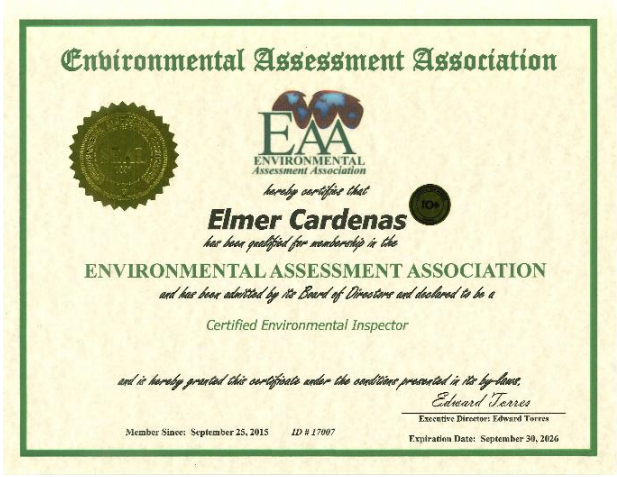
Paola Riveros, PE – Florida LTAP Center Advanced Work Zone Management and Design, Part 4 of 4 – Date: 12/15/2022


Certificate of Training
Florida Local Technical Assistance Program
Paola Riveros
has successfully completed
Advanced Work Zone Management and Design Part 4 of 4
and has earned 3.0 PDHs for this training
Completion Date: December 15, 2022
Florida LTAP Manager Dr. Cong Chen
Florida LTAP Director Dr. Pei-Sung Lin

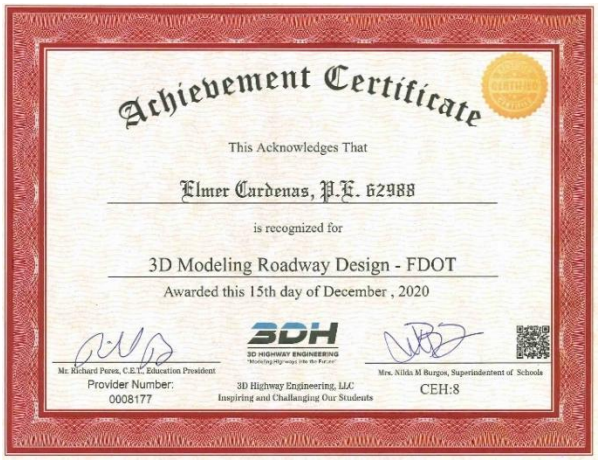


Paola Riveros, PE
FDOT 3D Modeling Roadway Design
Date: 12/15/2020

Elmer Cardenas, PE, CEI – Environmental Assessment Association – ID # EA-17007
Exp. 09/30/2026



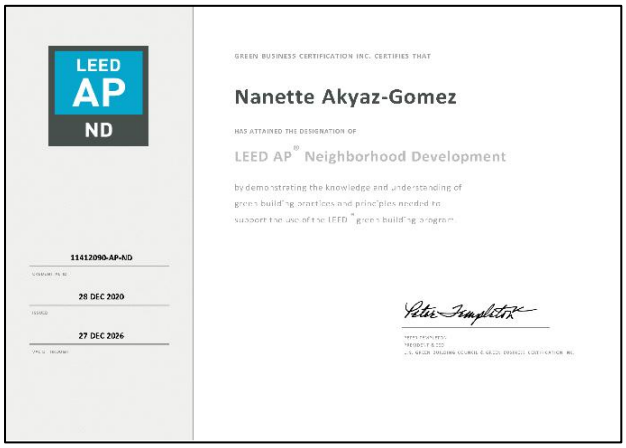
Elmer Cardenas, PE – 3DH HIGHWAY ENGINEERING
3D Modeling Roadway Design – FDOT
Date: 12/15/2020



Nanette Akyaz-Gomez – FDOT Approved Temporary Traffic Control (TTC): Advanced Course
Certification: 604947 – Expires: 01/13/2027



Nanette Akyaz-Gómez, LEED AP ND –
Valid until 12/27/2026



R.J.Behar

Nestor Santana Torres – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification: 612151 – Expires: 06/29/2027


CERTIFICATE
OF COMPLETION

Nestor Santana Torres

Has Completed a FDOT Approved Temporary Traffic Control (TTC): Advanced Course

Training Provider:

Metro Florida Safety Council
Tri County
Dade,Broward Palm Beach FL 33441
Phone: 954-663-1900

Verify this Certificate by visiting www.mcteadmin.com

07/29/2022 | 06/29/2027 | J.M | 612151
issue Date | Expiration Date | Instructor | Certificate No.

FDOT

CTQP Training History Report

Nestor Santana - CTQP

Report for: Nestor Santana
Trainee ID: 71540
TIN: S53563668****
Email: n******a@rjbehar.com
Report Date: 08/21/2025

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving Level 1	3015114	2022-09-06	2027-09-06
Asphalt Paving Level 2	3015163	2022-09-09	2027-09-09
Earthwork Construction Inspection Level 1	3035977	2025-01-28	2030-01-28
Earthwork Construction Inspection Level 2	3035995	2025-01-30	2030-01-30
Final Estimates Level 1	3029603	2024-04-25	2029-04-25
Final Estimates Level 2	3029602	2024-04-25	2029-04-25
QC Manager	2001645	2019-05-07	2099-01-01

Alejandro Medina Segismundo – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification: 633706 – Expires: 12/16/2028


CERTIFICATE
OF COMPLETION

ALEJANDRO MEDINA SEGISMUNDO

Has Completed a FDOT Approved Temporary Traffic Control (TTC): Advanced Course

Training Provider:

Metro Florida Safety Council
Tri County
Dade,Broward Palm Beach FL 33441
Phone: 954-663-1900

Verify this Certificate by visiting www.mcteadmin.com

12/29/2024 | 12/16/2028 | J.M | 633706
issue Date | Expiration Date | Instructor | Certificate No.

FDOT

CTQP Training History Report

Alejandro Medina - CTQP

Report for: Alejandro Medina
Trainee ID: 65616
TIN: M23700233****
Email: a*****6@gmail.com
Report Date: 08/21/2025

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving Level 1	3010222	2022-02-21	2027-02-21
Asphalt Paving Level 1	3010270	2027-02-21	2027-02-24
Asphalt Paving Level 2	3010264	2022-02-24	2027-02-24
Concrete Field Technician Level 1	3036837	2025-01-29	2029-11-08
Earthwork Construction Inspection Level 1	3010843	2022-03-22	2027-03-22
Earthwork Construction Inspection Level 2	3010925	2022-03-24	2027-03-24
Final Estimates Level 1	3014872	2022-08-30	2027-08-30
Final Estimates Level 2	3014871	2022-08-30	2027-08-30

CTQP Training History Report

Stacy Sookdew-Sing - CTQP

Report for: Stacy Sookdew-Sing
Trainee ID: 46818
TIN: S23278171****
Email: s***g@rjbehar.com
Report Date: 08/21/2025

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Earthwork Construction Inspection Level 1	3010864	2022-07-12	2027-07-12
Earthwork Construction Inspection Level 2	3010954	2022-03-24	2027-03-24
Final Estimates Level 1	3007144	2021-10-13	2026-10-13
Final Estimates Level 2	3007143	2021-10-13	2026-10-13
QC Manager	N/A	2014-05-23	2099-01-01

Stacy Sookdew-Sing – Stormwater Management Inspector – Date: 04/30/2015


QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR

The undersigned hereby acknowledges that

Stacy Sookdew-Sing

has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

April 30, 2015

Hal Lunsford
Hal Lunsford

Inspector Number 32855

Kathryn Brackett

R.J.Behar



Certificate of Completion

STACY A. SOOKDEW-SING

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced (Refresher) Course.

04/07/2026	134	Ronald C. Appel	84272
Date Expires	FDOT Provider #	Instructor	Certificate #

A&SW Consultants, Inc.
5546 Benchmark Lane
Sanford, FL 32773
www.FloridaDOT.com
nico.e@aswconsultants.com

FDOT

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.notadm*.com

Stacy Sookdew-Sing – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification: 84272 – Expires: 04/07/2026

Logan Fasanella – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification: 614216 – Expires: 08/24/2027



CERTIFICATE
OF COMPLETION

Logan Fasanella

Has Completed a FDOT Approved Temporary Traffic Control (TTC) Advanced Course

Training Provider:

A&SW Consultants, Inc.
5546 Benchmark Lane
Sanford Fl 32773
Phone: 386-788-9899

Verify this Certificate by visiting www.motadmin.com

09/26/2023	08/24/2027	R.A	614216
Issue Date	Expiration Date	Instructor	Certificate No.

FDOT

Logan Fasanella – ACI Concrete Field Testing Technician – Grade I – Expires: 06/23/2028



AMERICAN CONCRETE INSTITUTE

This is to certify that

LOGAN M FASANELLA

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician – Grade I

Certified Date: 06/24/2023 Expires: 06/23/2028

Examiner of Record: Donald A VanWhervin

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

Logan Fasanella – IMSA Traffic Signal Inspector Certification #SI_128137 – Expires: 9/23/2026



IMSA CERTIFIED PUBLIC SAFETY TECHNICIAN

Logan M. Fasanella
is hereby certified as a

Renewal IMSA Traffic Signal Inspector
by completing all requirements and examination for certification
on 9/23/2023

Valid thru 9/23/2026
Certification #SI_128137

Toby Cannings, CAE - Executive Director

Logan Fasanella – IMSA Traffic Signal Technician I Certification #AA_128137 – Expires: 9/23/2026



IMSA CERTIFIED PUBLIC SAFETY TECHNICIAN

Logan M. Fasanella
is hereby certified as a

Renewal IMSA Traffic Signal Technician I
by completing all requirements and examination for certification
on 9/23/2023

Valid thru 9/23/2026
Certification #AA_128137

Toby Cannings, CAE - Executive Director

CTQP Training History Report

Report for: Logan Fasanella
Trainee ID: 1000007788
TIN: F20864152****
Email: l********a@rjbehar.com
Report Date: 11/26/2025

Logan Fasanella - CTQP

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving Level 1	3043143	2025-10-22	2030-10-22
Asphalt Paving Level 2	3043142	2025-10-22	2030-10-22
Auger Cast Pile Inspector	3036451	2025-01-11	2030-01-11
Concrete Field Technician Level 1	3041327	2025-10-28	2028-06-23
Drilled Shaft Inspection	3013901	2022-08-16	2027-08-16
Earthwork Construction Inspection Level 2	3044723	2025-11-11	2030-11-11
FDOT Concrete Field Inspector Specification	3041465	2025-10-28	2030-10-28
Final Estimates Level 1	3025374	2024-02-13	2028-10-24
Final Estimates Level 2	3025208	2023-10-24	2028-10-24
Pile Driving Inspection	3004539	2021-06-11	2026-06-11
QC Manager	3006679	2021-09-17	2099-01-01

Logan Fasanella – Stormwater Management Inspector – Date: 9/23/2026


QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR

The undersigned hereby acknowledges that

Logan Fasanella

has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

April 21, 2016

Inspector Number 34897

Hal Lunsford

Beth Alvi

Renzo Sookdew-Sing – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification: 81359 – Expires: 02/08/2026


Certificate of Completion

RENZO SOOKDEW-SING

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.

02/08/2026 | 134 | Ronald C. Appel | 81359

Date Expires | FDOT Provider # | Instructor | Certificate #

A&SW Consultants, Inc.

FDOT

www.notac nin.com

CTQP Training History Report

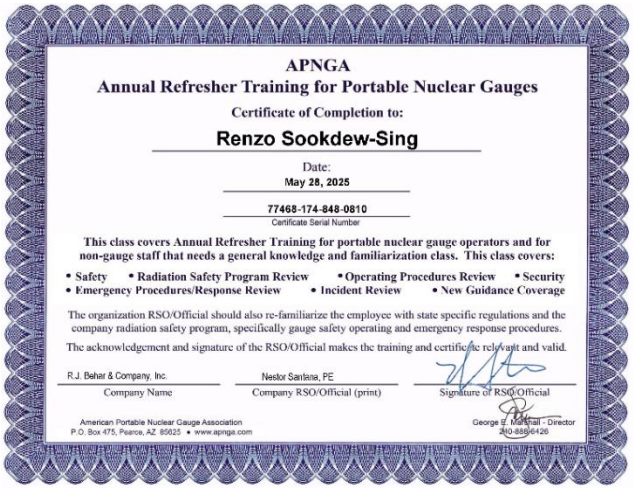
Report for: Renzo Sookdew-Sing
Trainee ID: 1000002632
TIN: S23272197****
Email: r**********g@rjbehar.com
Report Date: 08/21/2025

Renzo Sookdew-Sing – CTQP

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving Level 1	3010232	2022-02-21	2027-02-21
Asphalt Paving Level 2	3015164	2022-09-09	2027-09-09
Earthwork Construction Inspection Level 1	3008884	2022-01-11	2027-01-11
Earthwork Construction Inspection Level 2	3009028	2022-01-13	2027-01-13
Final Estimates Level 1	3029677	2024-04-19	2029-04-19

Renzo Sookdew-Sing – APNGA Annual Refresher Training for Portable Nuclear Gauges – Date: 5/28/2025


APNGA
Annual Refresher Training for Portable Nuclear Gauges

Certificate of Completion to:

Renzo Sookdew-Sing

Date:
May 28, 2025

77468-174-848-0810
Certificate Serial Number

This class covers Annual Refresher Training for portable nuclear gauge operators and for non-gauge staff that needs a general knowledge and familiarization class. This class covers:

• Safety • Radiation Safety Program Review • Operating Procedures Review • Security
• Emergency Procedures/Response Review • Incident Review • New Guidance Coverage

The organization RSO/Official should also re-familiarize the employee with state specific regulations and the company radiation safety program, specifically gauge safety operating and emergency response procedures.

The acknowledgement and signature of the RSO/Official makes the training and certificate relevant and valid.

R.J. Behar & Company, Inc. | Nestor Santana, PE | Signature of RSO/Official

Company Name | Company RSO/Official (print)

American Portable Nuclear Gauge Association
P.O. Box 475, Pearce, AZ 85625 • www.apnga.com

George E. Marshall - Director
360-888-6426

Renzo Sookdew-Sing – Stormwater Management Inspector – Date: 12/05/2023


QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR

The undersigned hereby acknowledges that

Renzo Sookdew-Sing

has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

12/05/2023

Inspector Number 54292

Jared Searcy
Statewide Training Coordinator

Moira Homann
WQRP Program Administrator

R.J.Behar

CTQP Training History Report

Erick Rose – CTQP

Report for: Erick Rose
Trainee ID: 1000007094
TIN: R20021363****
Email: r*********3@msn.com
Report Date: 11/11/2025

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving Level 1	3042520	2025-08-12	2030-08-12
Earthwork Construction Inspection Level 1	3038875	2025-04-08	2030-04-08

Pending Qualifications

Qualification Name
Asphalt Paving Level 2
Earthwork Construction Inspection Level 2

Erick Rose – APNGA Portable Nuclear Gauge Safety & U.S. D.O.T. Hazmat Certification Class
Date: 06/04/2025



APNGA Portable Nuclear Gauge Safety &
U.S. D.O.T. Hazmat Certification Class

Certificate of Completion to:

Erick Rose

HAZMAT refresher training is required within 3 years after today's date:

June 4, 2025

This course covers training criteria of NUREG 1556, The Agreement States, and 49 CFR 172, Subpart H.

The Company RSO completes the training requirements by familiarizing the employee with:

- State-specific regulations including introduction to the state regulatory website
- The company radiation safety program, specifically gauge safety operating and emergency procedures
- A tour of the storage area(s) with emphasis on security, documents and postings
- Loading, security and transporting gauges in company vehicles
- Hands-on training with the gauge and methods in use by the company
- Introduction to gauge safety content on gauge manufacturer website
- This Certificate covers both Gauge Safety and USDOT HAZMAT requirements

The acknowledgement and signature of the RSO/Official makes the training and certificate relevant and valid.

Signature of RSO — 69375-174-906-1598 Certificate Serial Number — Director of APNGA

R.J. Behar & Company, Inc. Company Name

A Certificate Verification Tool is Available on www.APNGA.com

American Portable Nuclear Gauge Association P.O. Box 475, Pearce, AZ 85625

Erick Rose – FDOT Approved Temporary Traffic Control (TTC): Advanced Course
Certification: 639534 – Expires: 04/04/2029



CERTIFICATE
OF COMPLETION

ERICK ROSE

Has Completed a FDOT Approved Temporary Traffic Control (TTC): Advanced Course

Training Provider:

Metro Florida Safety Council
Tri-County
Dade,Broward,Palm Beach FL 33441
Phone: 954 603 1900

Verify this Certificate by visiting www.motadmin.com

04/17/2025 Issue Date — 04/04/2029 Expiration Date — J.M Instructor — 639534 Certificate No.

FDOT

Thalia Santana – FDOT Approved Temporary Traffic Control (TTC): Advanced Course
Certification: 641273



CERTIFICATE
OF COMPLETION

Thalia Santana

Has Completed a FDOT Approved Temporary Traffic Control (TTC): Advanced Course

Training Provider:

A&SW Consultants, Inc.
5545 Benchmark Lane
Sanford FL 32773
Phone: 386-788-9899

Verify this Certificate by visiting www.motadmin.com

05/05/2025 Issue Date — 04/22/2029 Expiration Date — P A Instructor — 641273 Certificate No.

FDOT

CTQP Training History Report

Thalia Santana – CTQP

Report for: Thalia Santana
Trainee ID: 1000005954
TIN: S23422281****
Email: t******a@rjbehar.com
Report Date: 11/11/2025

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Final Estimates Level 1	3031992	2024-07-12	2029-07-12
Final Estimates Level 1	3043132	2025-08-26	2030-08-26
Final Estimates Level 2	3043131	2025-08-26	2030-08-26

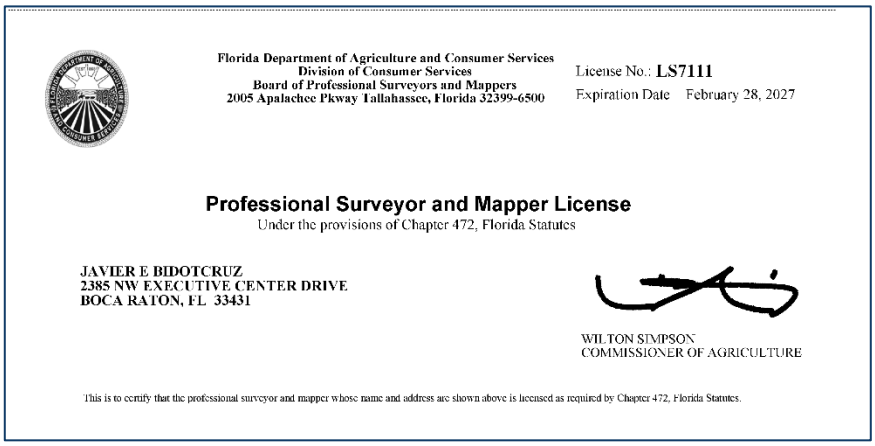
R.J.Behar

Our Subconsultants

Staff Professional Surveying Licenses

JAVIER E. BIDOT & ASSOCIATES
Land Surveyors & Consultants

Javier E. Bidot Cruz, PSM
Professional Surveyor and Mapper License No.: LS7111 **Expires:** 02/28/2027



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

License No.: LS7111
Expiration Date February 28, 2027

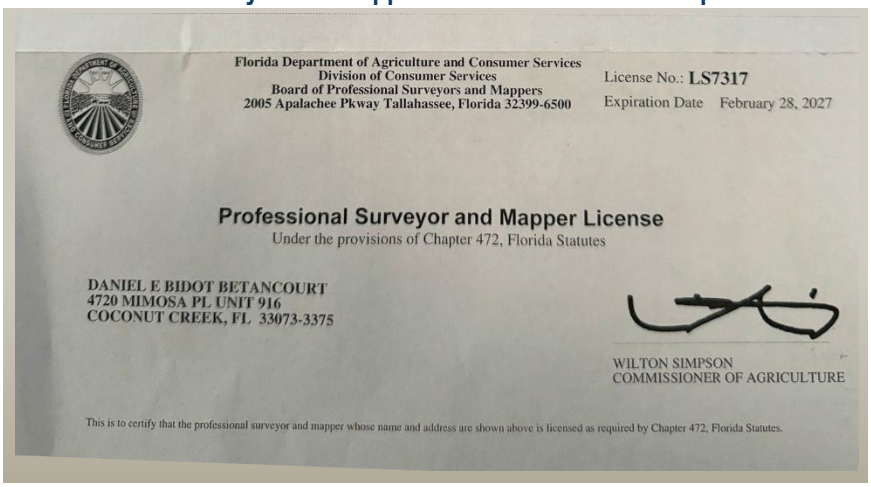
Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

JAVIER E BIDOTCRUZ
2385 NW EXECUTIVE CENTER DRIVE
BOCA RATON, FL 33431

WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Daniel E. Bidot Betancourt, PSM
Professional Surveyor and Mapper License No.: LS7317 **Expires:** 02/28/2027



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

License No.: LS7317
Expiration Date February 28, 2027

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

DANIEL E BIDOT BETANCOURT
4720 MIMOSA PL UNIT 916
COCONUT CREEK, FL 33073-3375

WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Carlos M. Lebron, PSM
Professional Surveyor and Mapper License No.: LS7259 **Expires:** 02/28/2027



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

License No.: LS7259
Expiration Date February 28, 2027

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

CARLOS M LEBRON
EL SEÑORIAL FRAY GRANADA 2014
SAN JUAN, PR 00926

WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

R.J.Behar

QUEST ENGINEERING SERVICES & TESTING, INC.

QuEST
www.questengg.com



Ron DeSantis, Governor
Melanie S. Griffin, Secretary
FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
SPECIAL INSPECTOR LIMITED NUMBER: 46696

SAILAPPAN, R. N.
18062 CLEARBROOK CIRCLE
BOCA RATON FL 334980000

LICENSE NUMBER: PE46696
EXPIRATION DATE: FEBRUARY 28, 2027
Always verify licenses online at MyFloridaLicense.com

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R. N. Sailappan, PE
License Number: 46696
Expires: February 28, 2027



Ron DeSantis, Governor
Melanie S. Griffin, Secretary
FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
SPECIAL INSPECTOR LIMITED NUMBER: 60223

RAFFATY-JAVIDAN, MOHAMMAD REZA
22636 BLUE FIN TRAIL
BOCA RATON FL 33428

LICENSE NUMBER: PE60223
EXPIRATION DATE: FEBRUARY 28, 2027
Always verify licenses online at MyFloridaLicense.com

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Mohammad Reza Raffaty-Javidan, PE
License Number: 60223
Expires: February 28, 2027

CTQP Training History Report

Report for: Wilson Fernandez
Trainee ID: 69689
TIN: F65588086****
Email: W****N@QUESTENGG.COM
Report Date: 12/19/2025

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Aggregate Base Testing Technician	3015038	2022-08-13	2026-08-13
Aggregate Testing Technician	3012034	2022-05-06	2027-03-31
Earthwork Construction Inspection Level 1	3033315	2024-08-27	2029-08-27
Qualified Sampler Technician	3015089	2022-08-13	2026-08-13

Wilson Fernandez - CTQP
Trainee ID: 69689

R.J.Behar

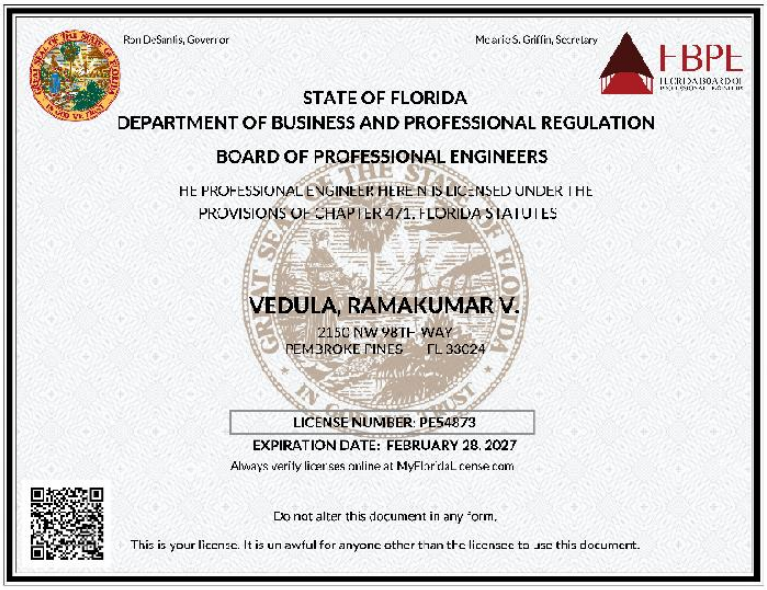
TIERRA SOUTH FLORIDA, INC.

Staff Professional Licenses and Certifications

Raj Krishnasamy, PE
License Number: 53567 / **Expires:** February 28, 2027


Ron DeSantis, Governor
Melanie S. Griffin, Secretary
FBPE
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
KRISHNASAMY, RAJ
2765 VISTA PARKWAY, SUITE 9
WEST PALM BEACH FL 33411
LICENSE NUMBER: PE53567
EXPIRATION DATE: FEBRUARY 28, 2027
Always verify licenses online at MyFloridaLicense.com
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Ramakumar "Kumar" Vedula, PE
License Number: 54873 / **Expires:** February 28, 2027


Ron DeSantis, Governor
Melanie S. Griffin, Secretary
FBPE
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
VEDULA, RAMAKUMAR V.
2150 NW 98TH WAY
PEMBROKE PINES FL 33024
LICENSE NUMBER: PE54873
EXPIRATION DATE: FEBRUARY 28, 2027
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SECTION 10

Office Locations

SECTION 10 – OFFICE LOCATIONS AND OFFICE RESPONSIBLE PROXIMITY TO CITY

RJ BEHAR OFFICE LOCATIONS		
* Responsible Office: BROWARD COUNTY	Palm Beach County	Miami-Dade County
6861 SW 196th Avenue Suite 302 Pembroke Pines, Florida 33332 T: 954 680-7771 / F: 954 680-7781	12788 Forest Hill Boulevard, Suite 2003B, Wellington, Florida 33414 T: (561) 333-7000 / F: (561) 333-7001	7850 NW 146th Street Suite 504 Miami Lakes, Florida 33016 T: 305 558-3777 / F: 305 558-8909
Professional Staff: 9 Engineering Support Staff: 10 Administrative Staff: 6 CEI Inspectors: 9 **Total Employees: 34**	Professional Staff: 1 Engineering Support Staff: 2 CEI Inspector: 2 **Total Employees: 5**	Professional Staff: 1 CEI Inspectors: 2 **Total Employees: 3**

***Broward office**: **RJ Behar's** responsible office is located approximately 35 miles from the City/Project Location.

SUBCONSULTANTS OFFICE LOCATIONS:		
Firm Name, Location and Contact Information	**Staff**	**Services**
Javier E. Bidot Associates, PSC (JEBA) **Address:** 1775 Blount Road #403 Pompano Beach, Florida 33069 **Contact:** Mr. Javier E. Bidot Cruz, PSM **Phone**: (561) 962-2851 **E-mail**: jbidot@jebpr.com	Professional Staff: 3 Technical Staff: 14 Administrative Staff: 3 **Total Employees**: 20	Surveying Services
QuEST Engineering Services & Testing, Inc. (QuEST) **Address:** 2737 NW 19th Street Pompano Beach, Florida 33069 **Contact:** Mr. R. N. Sailappan, PE **Phone:** (954) 582 9800 **Fax:** (954) 582 9836 **E-mail:** sail@questengg.com	Professional Engineers: 2 Staff Engineer/Inspector: 1 Engineering Technicians: 3 Administrative Staff: 3 **Total Employees**: 9	Structural Engineering Special Inspector
Tierra South Florida, Inc. (TSFGeo) **Address**: 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411 **Contact:** Mr. Raj Krishnasamy, PE **Phone**: (561) 687-8536 **Fax**: (561) 687-8570 **E-mail**: raj@tsfgeo.com	Professional/Geotechnical: 7 CADD Technician: 2 Technician/Analyst: 27 Construction Inspector: 5 Construction Manager: 2 Administrative Staff: 6 **Total Employees**: 49	Geotechnical Engineering and Testing Services

Licenses and Certifications

State of Florida Licensing/Registrations for the Firm and Key Staff

State of Florida
Department of State

I certify from the records of this office that R.J. BEHAR & COMPANY, INC. is a corporation organized under the laws of the State of Florida, filed on October 4, 1999.

The document number of this corporation is P99000088184.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 2, 2025, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Second day of January, 2025

Secretary of State

Tracking Number: 5409438407CC

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

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

State of Florida – Department of State
Corporation: Type S
Document No.: P99000088184
FEIN No.: 65-0954070
Date Filed: October 4, 1999
Status: ACTIVE
Expires: December 31, 2025

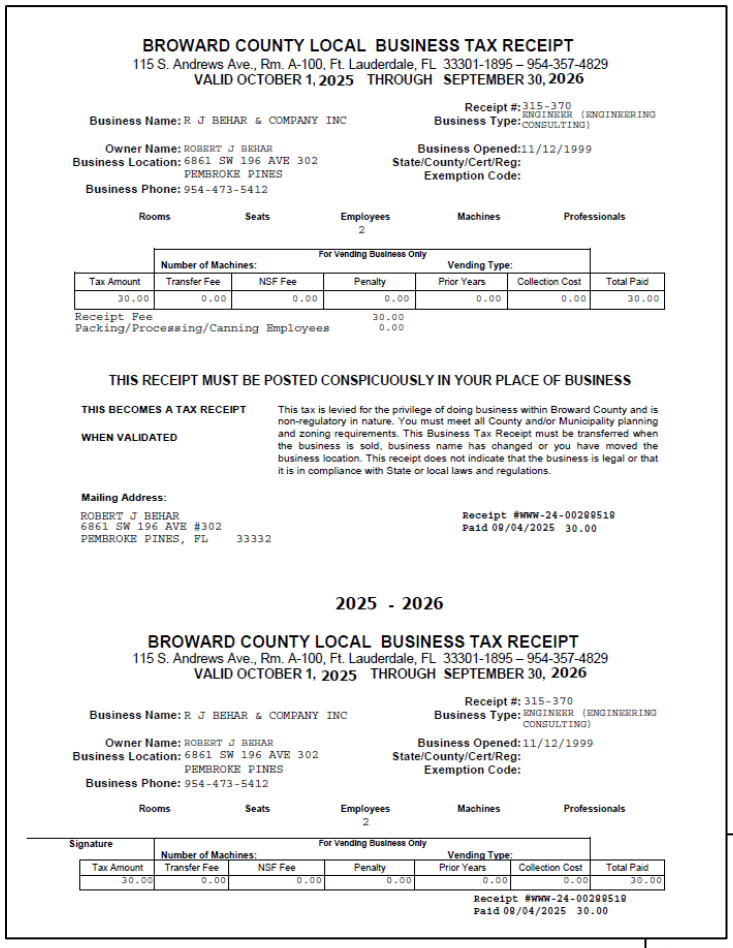
R.J. BEHAR & COMPANY, INC. – DBPR – Rank: Registry – Professional Engineer
License Number: 8365 – **Expires:** February 28, 2027

Licensee

Name:	**R.J. BEHAR & COMPANY, INC.**	License Number:	**8365**
Rank:	**Registry**	License Expiration Date:	
Primary Status:	**Current**	Original License Date:	**10/22/1999**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
21755	Current, Active	BEHAR, ROBERT JOSE	Registry	02/19/2005	Professional Engineer	02/28/2027



BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: R J BEHAR & COMPANY INC
Receipt #: 315-370
Business Type: ENGINEER (ENGINEERING CONSULTING)

Owner Name: ROBERT J BEHAR
Business Location: 6861 SW 196 AVE 302
PEMBROKE PINES
Business Phone: 954-473-5412
Business Opened: 11/12/1999
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		2		

For Vending Business Only
Number of Machines: Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Receipt Fee 30.00
Packing/Processing/Canning Employees 0.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:
ROBERT J BEHAR
6861 SW 196 AVE #302
PEMBROKE PINES, FL 33332

Receipt #WWW-24-00200519
Paid 08/04/2025 30.00

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: R J BEHAR & COMPANY INC
Receipt #: 315-370
Business Type: ENGINEER (ENGINEERING CONSULTING)

Owner Name: ROBERT J BEHAR
Business Location: 6861 SW 196 AVE 302
PEMBROKE PINES
Business Phone: 954-473-5412
Business Opened: 11/12/1999
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		2		

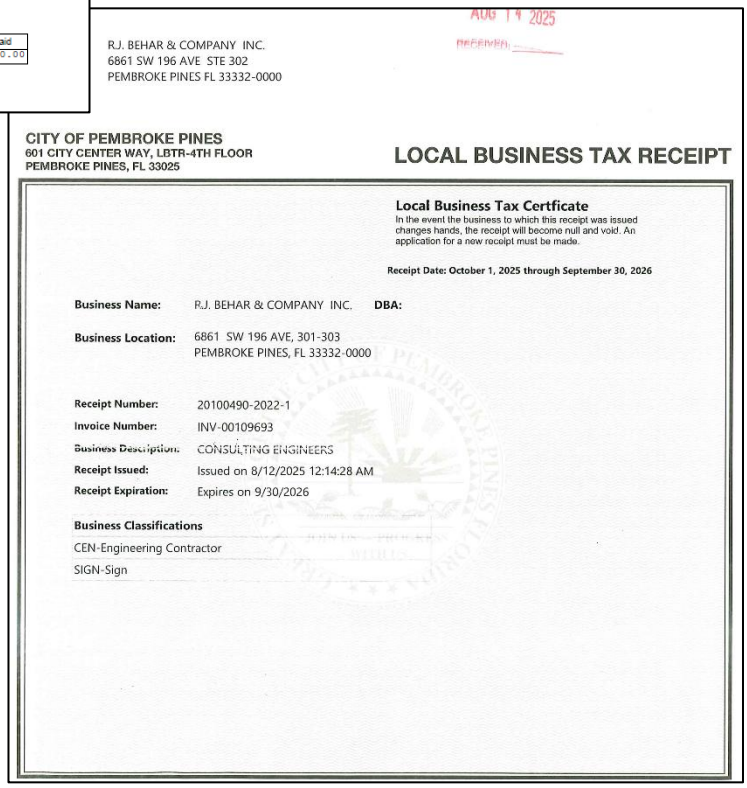
Signature

For Vending Business Only
Number of Machines: Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Receipt #WWW-24-00200519
Paid 08/04/2025 30.00

Broward County Local Business Tax Receipt
Business Type: Engineer (Engineering Consulting)
Receipt No.: 315-370
Valid: October 1, 2025, to September 30, 2026



AUG 19 2025
RECEIVED

R.J. BEHAR & COMPANY INC.
6861 SW 196 AVE STE 302
PEMBROKE PINES FL 33332-0000

CITY OF PEMBROKE PINES
601 CITY CENTER WAY, LBTR-4TH FLOOR
PEMBROKE PINES, FL 33025

LOCAL BUSINESS TAX RECEIPT

Local Business Tax Certficate
In the event the business to which this receipt was issued changes hands, the receipt will become null and void. An application for a new receipt must be made.

Receipt Date: October 1, 2025 through September 30, 2026

Business Name: R.J. BEHAR & COMPANY INC. **DBA:**

Business Location: 6861 SW 196 AVE, 301-303
PEMBROKE PINES, FL 33332-0000

Receipt Number: 20100490-2022-1
Invoice Number: INV-00109693
Business Description: CONSULTING ENGINEERS
Receipt Issued: Issued on 8/12/2025 12:14:28 AM
Receipt Expiration: Expires on 9/30/2026

Business Classifications
CEN-Engineering Contractor
SIGN-Sign

City of Pembroke Pines
Local Business Tax Receipt
Business Description: Consulting Engineers
Receipt No.: 20100490-2022-1
Period: October 1, 2025, to September 30, 2026

Our Subconsultants

State of Florida
Department of State

I certify from the records of this office that JAVIER E. BIDOT & ASSOCIATES, CORP is a corporation organized under the laws of the State of Florida, filed on July 11, 2018, effective July 10, 2018.

The document number of this corporation is P18000060513.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on February 18, 2025, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Eighteenth day of February, 2025

Secretary of State

Tracking Number: 9651816842CC

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

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

JAVIER E. BIDOT & ASSOCIATES
Land Surveyors & Consultants

Javier E. Bidot & Associates, Corp
JEBA
State of Florida – Department of State
Document No.: P18000060513
Status: ACTIVE / **Expires:** December 31, 2025

Florida Department of Agriculture and Consumer Services
Javier E. Bidot & Associates, Corp
Surveyor Business License No.: LB8257 **Expires:** 02/28/2027

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

License No.: **LB8257**
Expiration Date February 28, 2027

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

JAVIER E. BIDOT & ASSOCIATES, CORP.
2385 NW EXECUTIVE CENTER DR STE 100
BOCA RATON, FL 33431-8510

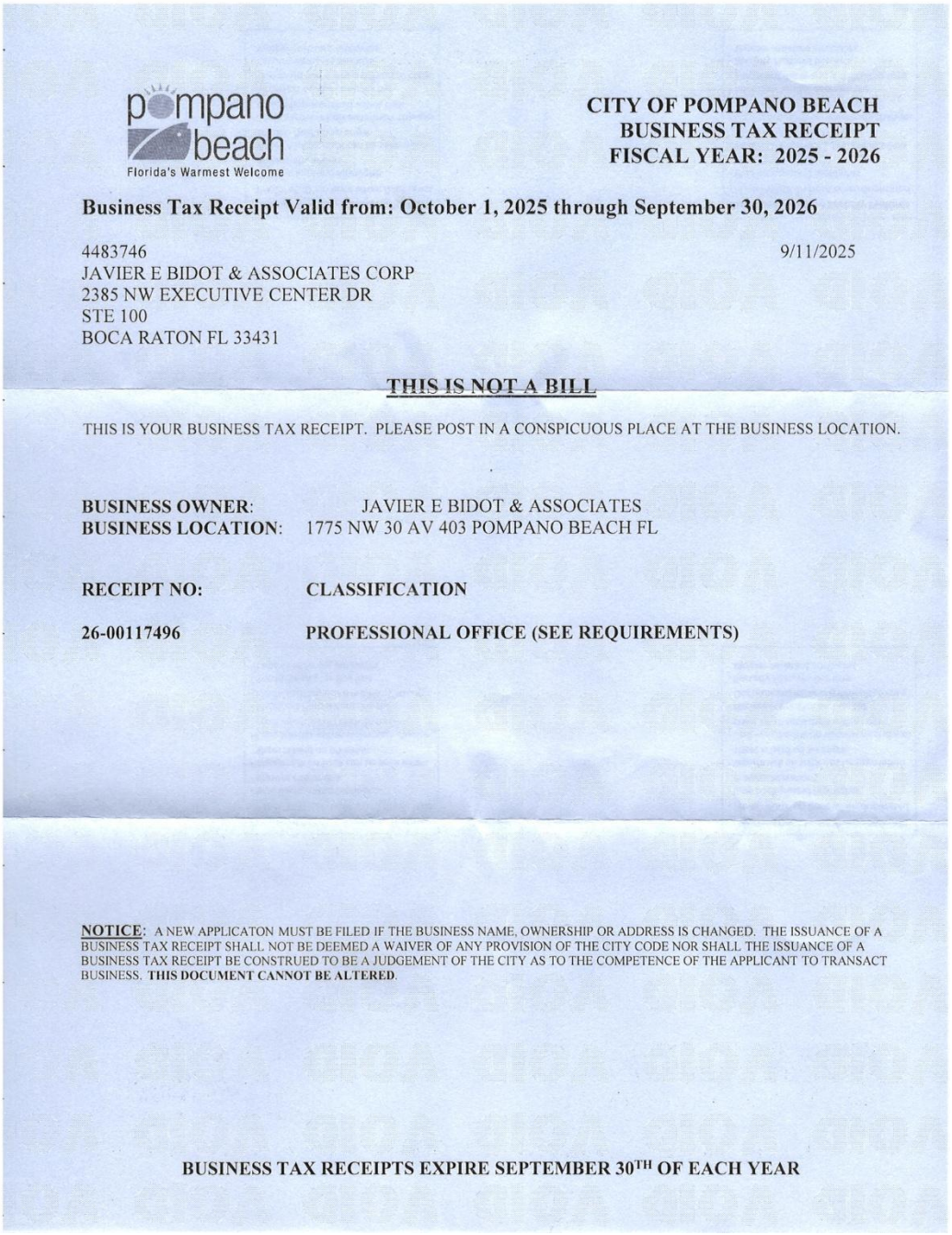
WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Javier E. Bidot & Associates, Corp

CITY OF POMPANO BEACH

Local Business Tax Receipt No.: 26-00117496 / Professional Office
Valid from: October 1, 2025, through September 30, 2026



pompano beach
Florida's Warmest Welcome

CITY OF POMPANO BEACH
BUSINESS TAX RECEIPT
FISCAL YEAR: 2025 - 2026

Business Tax Receipt Valid from: October 1, 2025 through September 30, 2026

4483746 9/11/2025
JAVIER E BIDOT & ASSOCIATES CORP
2385 NW EXECUTIVE CENTER DR
STE 100
BOCA RATON FL 33431

THIS IS NOT A BILL

THIS IS YOUR BUSINESS TAX RECEIPT. PLEASE POST IN A CONSPICUOUS PLACE AT THE BUSINESS LOCATION.

BUSINESS OWNER: JAVIER E BIDOT & ASSOCIATES
BUSINESS LOCATION: 1775 NW 30 AV 403 POMPANO BEACH FL

RECEIPT NO:	CLASSIFICATION
26-00117496	PROFESSIONAL OFFICE (SEE REQUIREMENTS)

NOTICE: A NEW APPLICATON MUST BE FILED IF THE BUSINESS NAME, OWNERSHIP OR ADDRESS IS CHANGED. THE ISSUANCE OF A BUSINESS TAX RECEIPT SHALL NOT BE DEEMED A WAIVER OF ANY PROVISION OF THE CITY CODE NOR SHALL THE ISSUANCE OF A BUSINESS TAX RECEIPT BE CONSTRUED TO BE A JUDGEMENT OF THE CITY AS TO THE COMPETENCE OF THE APPLICANT TO TRANSACT BUSINESS. **THIS DOCUMENT CANNOT BE ALTERED.**

BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30TH OF EACH YEAR

QuEST Engineering Services & Testing, Inc.

State of Florida
Department of State

I certify from the records of this office that QUEST ENGINEERING SERVICES & TESTING, INC. is a corporation organized under the laws of the State of Florida, filed on March 12, 1998.

The document number of this corporation is P98000023285.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on February 4, 2025, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fourth day of February, 2025

Secretary of State

Tracking Number: 0451308580CC

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

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

QuEST
www.questengg.com

State of Florida – Department of State
Document No.: P98000023285
Status: ACTIVE
Expires: December 31, 2025

QUEST ENGINEERING SERVICES & TESTING, INC. – DBPR – Rank: Registry – Professional Engineer
License Number: 7954 – **Expires:** February 28, 2027

Licensee

Name:	**QUEST ENGINEERING SERVICES & TESTING INC**	License Number:	**7954**
Rank:	**Registry**	License Expiration Date:	
Primary Status:	**Current**	Original License Date:	**05/19/1998**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
46696	Current, Active	SAILAPPAN, R N	Registry	02/12/2005	Professional Engineer	02/28/2027

QuEST Engineering Services & Testing, Inc.

CITY OF POMPANO BEACH

Local Business Tax Receipt No.: 26-00065333 / Professional Office
Valid from: October 1, 2025, through September 30, 2026

pompano beach
Florida's Warmest Welcome

CITY OF POMPANO BEACH
BUSINESS TAX RECEIPT
FISCAL YEAR: 2025 - 2026

Business Tax Receipt Valid from: October 1, 2025 through September 30, 2026

4441289 9/11/2025
QUEST ENGINEERING SERVICES
& TESTING INC
2737 NW 19 ST
POMPANO BEACH FL 33069

THIS IS NOT A BILL

THIS IS YOUR BUSINESS TAX RECEIPT. PLEASE POST IN A CONSPICUOUS PLACE AT THE BUSINESS LOCATION.

BUSINESS OWNER: QUEST ENGINEERING SERVICES &
BUSINESS LOCATION: 2737 NW 19 ST POMPANO BEACH FL

RECEIPT NO:	CLASSIFICATION
26-00065333	PROFESSIONAL OFFICE (SEE REQUIREMENTS)

NOTICE: A NEW APPLICATON MUST BE FILED IF THE BUSINESS NAME, OWNERSHIP OR ADDRESS IS CHANGED. THE ISSUANCE OF A BUSINESS TAX RECEIPT SHALL NOT BE DEEMED A WAIVER OF ANY PROVISION OF THE CITY CODE NOR SHALL THE ISSUANCE OF A BUSINESS TAX RECEIPT BE CONSTRUED TO BE A JUDGEMENT OF THE CITY AS TO THE COMPETENCE OF THE APPLICANT TO TRANSACT BUSINESS. **THIS DOCUMENT CANNOT BE ALTERED**.

BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30TH OF EACH YEAR

Tierra South Florida, Inc.

State of Florida
Department of State

I certify from the records of this office that TIERRA SOUTH FLORIDA, INC. is a corporation organized under the laws of the State of Florida, filed on October 7, 2003, effective October 17, 2003.

The document number of this corporation is P03000110144.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 2, 2025, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Second day of January, 2025

Secretary of State

Tracking Number: 2504287763CC

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

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

State of Florida – Department of State
Document No.: P03000110144
Status: ACTIVE
Expires: December 31, 2025

TIERRA SOUTH FLORIDA, INC. – DBPR – Rank: Registry – Professional Engineer
License Number: 28073 – **Expires:** February 28, 2027

Licensee

Name:	**TIERRA SOUTH FLORIDA, INC.**	License Number:	**28073**
Rank:	**Registry**	License Expiration Date:	
Primary Status:	**Current**	Original License Date:	**04/13/2008**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
53567	Current, Active	KRISHNASAMY, RAJ	Registry	04/13/2008	Professional Engineer	02/28/2027

Tierra South Florida, Inc.

Palm Beach County – Local Business Tax Receipt
Business Type: Engineer Business
LBTR No.: 200817991
Valid: October 1, 2025, to September 30, 2026

ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving *you.*

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.gov Tel: (561) 355-2264

****LOCATED AT****
2765 VISTA PARKWAY STE 9
WEST PALM BEACH, FL 33411

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
ENGINEER BUSINESS	KRISHNASAMY RAJ	28073	B25.647190 08/05/2025	$33.00	B40118027

This document is valid only when receipted by the Tax Collector's Office.

TIERRA SOUTH FLORIDA INC
TIERRA SOUTH FLORIDA INC
2765 VISTA PKWY STE 9
WEST PALM BEACH FL 33411-2734

2 - 257

STATE OF FLORIDA
PALM BEACH COUNTY
2025 / 2026 LOCAL BUSINESS TAX RECEIPT
LBTR Number: 200817991
EXPIRES: 09/30/2026

This receipt MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

SECTION 11

City Forms

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

PROPOSER INFORMATION PAGE

RFP RLI (number), 26-006 Continuing Contract for Professional Structural Engineering Services - CCNA (RFP name)

To: The City of Pompano Beach, Florida

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

Proposal submitted by:

Name (printed) Robert J. Behar Title President/CEO

Company (Legal Registered) R.J. Behar & Company, Inc.

Federal Tax Identification Number 65-0954070

Address 6861 SW 196th Avenue, Suite 302

City/State/Zip Pembroke Pines, Florida 33332

Telephone No. (954) 680-7771 Fax No. (954) 680-7781

Email Address bbehar@rjbehar.com

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER 26-006

Federal I.D.# 65-0954070

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Robert J. Behar, PE	47	MSSE
Project Manager	Gregory Dover, PE	35	BSCE
Asst. Project Manager	Jossmel Cruz-Garcia, MSE, PE	8	MSSE
Other Key Member	Gerard Nazaire, Jr, PE, MSE	24	MSSE
Other Key Member	Esteban Aldana, EI	4	BSCE

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	Javier E. Bidot & Associates, Corp 1775 NW 30 AV 403, Pompano Beach, FL 33069	Javier E. Bidot, PSM
Landscaping		
Engineering	Tierra South Florida, Inc. 2765 Vista Parkway, Suite 10, West Palm Beach, FL 33411	Raj Krishnasamy, PE
Other Key Member	QuEST Engineering Services & Testing, Inc. 2737 NW. 19th St., Pompano Beach, FL 33069	R. N. Sailappan, PE
Other Key Member		
Other Key Member		
Other Key Member		

(use attachments if necessary)

Bidder Company Name R.J. Behar & Company, Inc.

Qualifications Of Bidders

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

1. Name and address of customer: Palm Beach County - Department of Engineering & Public Works Division of Roadway Production - 2300 North Jog Road West Palm Beach, Florida 33411

   Contact person name, telephone number and email address: Mr. Carlos Bojorge, PE - Project Manager - Roadway Production Division; Tel: 561 684-4126; E-mail: cbojorge@pbc.gov

   Description of services provided and date(s) of service: Annual Structural Contract - On An As-Needed Basis Structural engineering design of new facilities and repair of existing ones; structural inspections and/or evaluations of existing structures and evaluations of conditions on structural engineering construction projects designed by others. Dates: 12/2004 - Ongoing.

2. Name and address of customer: City of Miami Beach - Facilities Management Division 1833 Bay Road Miami Beach, Florida 33139

   Contact person name, telephone number and email address: Ms. Olga Sanchez, EI, CGC, LEED AP Senior Facilities Capital Projects Coordinator; Tel: (305) 673-7000 Ext. 22567; E-mail: OlgaSanchez@miamibeachfl.gov

   Description of services provided and date(s) of service: 40-Yr Certification of 225 Washington Avenue 40-Yr certification including inspection of the life/safety components of the building (structural/electrical) and providing the inspection report. Dates: 4/25/23 to 9/2024

3. Name and address of customer: South Broward Drainage District 6591 SW 160 Avenue Southwest Ranches, FL 33331

   Contact person name, telephone number and email address: Mr. Luis Ochoa, PE – District Director Tel: (954) 680-3337, ext. 203; E-mail: luis@sbdd.org

   Description of services provided and date(s) of service: Pump Station Housing Inspection Structural inspections of the control building Pump Station S-4/S-5. The purpose of the inspection was to assess the condition and integrity of the concrete structure on the property. The structural inspections of the building included the foundation, roof, beams, roof slab, walls, surface coatings. Dates: 02/14/2024 to 03/28/2024

CLIENT:
Palm Beach County
Department of Engineering &
Public Works Division of
Roadway Production
2300 North Jog Road
West Palm Beach, Florida 33411

Mr. Carlos Bojorge, PE
Project Manager, Roadway
Production Division
Tel: (561) 684-4126
Email: cbojorge@pbc.gov

RJ BEHAR'S ROLE:
Structural Design & Permit Reviews

PROJECT START: *12/07/2004*
PROJECT COMPLETE: *Ongoing*
COST/FEES PAID: *$6,150,000 as of 3/15/2025*
CONSTRUCTION COST: *$60,0000,000 (Estimate)*

RJ BEHAR'S KEY PERSONNEL:
Robert J. Behar, PE
Principal in Charge

Jerry Piccolo PE
Senior Structural Engineer

Gregory Dover, PE
Senior Structural Engineer

Jossmel Cruz Garcia, PE
Structural Designer

Gerrad Nazaire, PE
Structural Engineer

Esteban Aldana, EI
Structural Designer

R.J. Behar & Company, Inc. (RJ Behar) was contracted by Palm Beach County to provide structural engineering services on an as-needed basis. These services include structural engineering design of new facilities and repairs of existing facilities, structural inspections and/or evaluations of existing structures and evaluations of conditions on structural engineering construction projects designed by others. The exact scope and schedule are to be established on a project-by-project basis."



Congress Avenue Bridge over L-14 Canal

Lawrence Road Bridge over Boynton Canal





Linton Boulevard Bascule Bridge

CLIENT:
City of Miami Beach
Facilities Management Division
1833 Bay Road
Miami Beach, Florida 33139

Ms. Olga Sanchez, E.I., C.G.C., LEED AP
Senior Facilities Capital Projects Coordinator

Tel: (305) 673-7000 Ext. 22567
E-mail:
OlgaSanchez@miamibeachfl.gov

RJ BEHAR'S ROLE:
Structural and Electrical 40-Yr Inspection and Certification

PROJECT STARTED: *4/25/23*
PROJECT COMPLETED: *9/2024*
COST/FEES PAID: *$13,112.72*
CONSTRUCTION COST: *N/A*

RJ BEHAR'S KEY PERSONNEL:
Juan H. Vazquez, PE, PH, BCEE
Principal in Charge

Greg Dover, PE
Senior Structural Engineer

Carmelo Ramos, PE
Electrical Engineer

Jossmel Cruz Garcia, PE
Structural Engineer

R.J. Behar & Company, Inc. (RJ Behar) was contracted by the City of Miami Beach to conduct a 40-yr inspection and certification of a building at 225 Washington Ave, Miami Beach, which is located within the Washington Dog Park and Annex.

The scope of work for the 40-yr certification, included inspection of the life/safety components of the building (structural and electrical) and provide the certification form.

1. *Structural Inspection:*
    a. *Conduct a buildings structural vulnerability inspection of the visual and accessible areas only.*
2. *Electrical Inspection:*
    a. *Visual inspection of primary electrical systems such as main power distribution, etc.*
    b. *Visual inspection of secondary electrical systems such as lighting, receptacles, lightning protection, and conduits.*
3. *Inspection Report (Structural and Electrical)*

RJ Behar provided an inspection report, indicating the deficiencies found (if any) of the building structural and electrical systems, elements, and miscellaneous components. RJ Behar also included preliminary recommendations for retrofits or repairs of the deficiencies found, including a preliminary estimate of probable construction costs. A digitally signed and sealed report for structural and electrical was delivered, including the certification form.

The inspection followed the guidelines of the Miami Beach Building Department Minimum Inspection Procedural Guidelines for Building Structural Recertification.



CLIENT:
South Broward Drainage District

Mr. Luis Ochoa, PE – District Director
6591 SW 160 Avenue
Southwest Ranches, FL 33331
Tel: (954) 680-3337, ext. 203
E-mail: luis@sbdd.org

RJ BEHAR'S ROLE:
Structural Inspection and Report

PROJECT STARTED: *02/14/2024*
PROJECT COMPLETED: *03/28/2024*
COST/FEES PAID: *$5,841.00*
CONSTRUCTION COST: *N/A*

RJ BEHAR'S KEY PERSONNEL:
Robert J. Behar, PE
Principal in Charge

Jossmel Cruz-García, MS, PE
Project Manager

Esteban Aldana, EI
Project Engineer





The South Broward Drainage District retained RJ Behar & Company, Inc. (RJ Behar) to provide structural inspections of the control building Pump Station S-4/S-5. The purpose of the inspection was to assess the condition and integrity of the concrete structure on the property. The structural inspections of the building included the foundation, roof, beams, roof slab, walls, surface coatings.

The structural inspection of the South Broward Drainage District control building Pump Station S-4/S-5 revealed various types of cracks throughout the concrete structure. These cracks, including horizontal mortar cracks, T-beam slab longitudinal cracks, CMU diagonal cracks, opening corner cracks, and tie-beam cracks, were observed to varying extents but generally did not compromise the overall integrity of the building. Despite the presence of cracks, the structure was found to be in satisfactory condition, with no significant structural issues detected. The observed cracks are likely attributable to factors such as natural settlement over time, periodic vibrations, and lateral movement of the building. Additionally, the proximity of periodic blasting activities from a nearby quarry may contribute to some unnatural movement, as evidenced by the higher occurrence of cracks compared to similar buildings of the same age in other locations.

Recommendations

Based on the findings of the inspection, the following recommendations were provided:

- *For hairline cracks or minor cracking (cracks with a width less or equal to 0.012 inches), seal the cracks with a suitable penetrating sealant to help prevent moisture infiltration and further deterioration.*
- *For moderate cracking, seal with epoxy or polyurethane injection to fill and stabilize the crack. A moderate is considered for cracks with a width more than 0.012, but less than 0.125 inches.*
- *Consider routine maintenance including sealing cracks and reapplying surface coatings, to prolong the lifespan of the concrete structure. When repairing the cracks, mark the end of the crack with a pen along with the date, so that any growth of crack is easily recognized.*
- *Conduct periodic inspections to monitor the condition of the structure and address any emerging issues promptly.*

Overall, while the presence of cracks is indicative of some degree of movement and aging in the structure, the South Broward Drainage District control building Pump Station S-4/S-5 remains structurally sound and suitable for continued use. Regular monitoring and maintenance will be essential to address any emerging issues and ensure the long-term integrity of the concrete structure.

TIER 1/TIER 2 COMPLIANCE FORM

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

TIER 1 LOCAL VENDOR

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

And/Or

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

Or

__✓__ My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR

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

And/Or

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

Or

_____ My firm does not qualify as a Tier 2 Vendor.

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

12/24/2025
(Date)

R.J. Behar & Company, Inc.
(Name of Firm)

BY: _____
(Name)

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

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

Prime Contractor's Name: R.J. Behar & Company, Inc.

Name of Firm, Address	Contact Person, Telephone Number	Type of Work to be Performed/Material to be Purchased	Contract Amount or %
Javier E. Bidot & Associates, Corp	Javier E. Bidot, PSM	Surveying Services	12 %
1775 NW 30 Avenue, # 403 **Pompano Beach, FL 33069**	Tel: (561) 962-2851		
QuEST Engineering Services & Testing, Inc.	R.N. Sailappan, PE	Structural Special Inspector	8 %
2737 NW 19th Street **Pompano Beach, FL 33069**	Tel: (954) 582 9800		

LOCAL BUSINESS EXHIBIT "A"

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

Solicitation Number RLI 26-006

TO: R.J. Behar & Company, Inc.
(Name of Prime or General Bidder)

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

_____ an individual ✓ a corporation

_____ a partnership _____ a joint venture

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

Special Inspector

at the following price: TBD

12/12/25
(Date)

QuEST Engineering Services & Testing, Inc.
(Print Name of Local Business Contractor)

2737 NW 19th Street
(Street Address)

Pompano Beach FL 33069
(City, State Zip Code)

BY: K. N Sailappan
(Signature)

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

LOCAL BUSINESS EXHIBIT "B"

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

Solicitation Number RLI 26-006

TO: R.J. Behar & Company, Inc.
(Name of Prime or General Bidder)

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

_____ an individual

_✓_ a corporation

_____ a partnership

_____ a joint venture

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

Surveying and Mapping Services

at the following price: TBD

12/15/2025
(Date)

Javier E. Bidot & Associates, Corp.
(Print Name of Local Business Contractor)

1775 Blount Rd, # 403
(Street Address)

Pompano Beach, Florida 33069
(City, State Zip Code)

BY: _____
(Signature)

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

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS UNAVAILABILITY FORM

BID #_____

I,_____
(Name and Title)

of_____, certify that on the _____day of

_____, _____, I invited the following LOCAL BUSINESSES to bid work items to be performed in the City of Pompano Beach:

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

Said Local Businesses:

___ Did not bid in response to the invitation

___ Submitted a bid which was not the low responsible bid

___ Other:_____

Name and Title: _____

Date: _____

Note: Attach additional documents as available.

NOT APPLICABLE

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

BID # RLI 26-006

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

R.J. Behar & Company, Inc. contacted the services of local businesses:
Javier E. Bidot & Associates, Corp to provide surveying services, and
QuEST Engineering & Testing, Inc. to provide structural special inspection
services.

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

RJ Behar researched the local businesses tax list to find local firms
to provide the required services.

3. Did you send written notices to Local Businesses?

____ Yes ✓ No

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

4. Did you advertise in local publications?

____ Yes ✓ No

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

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

RJ Behar contacted local firms to participate with their professional services
for this contract.

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

Javier E. Bidot & Associates, Corp	$ 12%
QuEST Engineering & Testing, Inc.	$ 8%
	$

8. Other comments: _____

LOCAL BUSINESS EXHIBIT “D” – Page 2

_____

_____

_____

Form **W-9**
(Rev. March 2024)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Go to *www.irs.gov/FormW9* for instructions and the latest information.

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

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

Print or type. See ***Specific Instructions*** on page 3.

1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

R.J. Behar & Company, Inc.

2 Business name/disregarded entity name, if different from above.

N/A

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor ☐ C corporation ☑ S corporation ☐ Partnership ☐ Trust/estate

☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) . . . . .

Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ Other (see instructions)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions . . . . . ☐

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any)

(Applies to accounts maintained outside the United States.)

5 Address (number, street, and apt. or suite no.). See instructions.

6861 SW 196th Avenue, Suite 302

6 City, state, and ZIP code

Pembroke Pines, Florida 33332

Requester's name and address (optional)

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

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

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

Social security number

			–			–				

or

Employer identification number

6	5	–	0	9	5	4	0	7	0

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here **Signature of U.S. person**  **Date** 12/24/2025

General Instructions

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

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

What's New

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

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

Purpose of Form

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

SECTION 12

Insurance Requirements

SECTION 12 – INSURANCE REQUIREMENTS

Certificate of Liability Insurance

R.J. Behar & Company, Inc. Policy Period – 11/17/2025 to 11/17/2026

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 10/30/2025

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

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

PRODUCER Edgewood Partners Ins Center 3780 Mansell Rd. Suite 370 Alpharetta GA 30022	CONTACT NAME: ACEC Certificates PHONE (A/C, No, Ext): 770-552-4225 FAX (A/C, No): E-MAIL ADDRESS: ACECcertificates@greyling.com
INSURED RJBEHAR R.J. Behar & Company, Inc. 6861 S.W. 196th Avenue Suite 302 Pembroke Pines FL 33332	INSURER(S) AFFORDING COVERAGE / NAIC # INSURER A : Sentinel Insurance Company, Ltd. 11000 INSURER B : Hartford Casualty Insurance Company 29424 INSURER C : Beazley Insurance Company, Inc. 37540 INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** 629863233 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC OTHER:			20SBWBA1624	11/17/2025	11/17/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG 	$ 1,000,000 $ 1,000,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY			20UEGNG0289	11/17/2025	11/17/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) 	$ 1,000,000 $ $ $ $
A	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 10,000			20SBWBA1624	11/17/2025	11/17/2026	EACH OCCURRENCE AGGREGATE 	$ 4,000,000 $ 4,000,000 $
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: N If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		20WBGAD8LUV	11/17/2025	11/17/2026	X PER STATUTE / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
C	Professional Liability incl. Pollution Liability			C20C99250901	11/17/2025	11/17/2026	Per Claim Aggregate	$2,000,000 $3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Umbrella Follows Form with respects to General, Automobile & Employers Liability Policies.

CERTIFICATE HOLDER

For Proposal Purposes

CANCELLATION

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

AUTHORIZED REPRESENTATIVE

Gregg Behar

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SECTION 13

Acknowledgement of Addenda

SECTION 11 – FORMS & ADDENDA

ACKNOWLEDGMENT OF ADDENDA

R.J. Behar & Company, Inc. (RJ Behar) acknowledges that has received addenda in connection with this RLI 26-006 to provide Continuing Contract for Professional Structural Engineering Services – CCNA to the City of Pompano Beach.

Addenda Received:

Addendum No. 1	Date: November 28, 2025 – Updates to Bid Documents
Addendum No. 2	Date: December 5, 2025 – Updated Document
Addendum No. 3	Date: December 22, 2025 - Updated Document

RJ BEHAR & COMPANY, INC.



Robert J. Behar, PE
President/CEO

R.J.Behar & Company, Inc.
Engineers • Planners

Contact: Mr. Gregory Dover, PE
gdover@rjbehar.com

6861 SW 196 Avenue, Suite 302
Pembroke Pines, FL 33332
Tel: 954-680-7771 / Fax: 954-680-7781

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

R.J. BEHAR & COMPANY, INC.

Position / Classification	Maximum Hourly Rate ($)
Principal	$351.00
Project Manager	$369.00
Senior Engineer	$350.00
Engineer	$251.00
Senior Designer	$250.00
Designer	$144.00
Engineering Intern	$169.00
Engineering Technician	$169.00
Construction Manager	$261.00
Project Administrator	$205.00
Contract Support Specialist	$94.00
Senior Inspector	$150.00
Inspector	$131.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	**Javier E. Bidot & Associates**

Position / Classification	Maximum Hourly Rate ($)
Topographic Survey Crew	$256.13
Hydrographic Survey Crew	$286.25
Senior (registered) Surveyor	$160.00
Survey Technician	$140.85

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	**Quest Engineering Services & Testing, Inc.**

Position / Classification	**Maximum Hourly Rate ($)**
Principal Engineer	$250.00
Project Engineer	$200.00
Staff Engineer	$150.00
Laboratory Technician	$100.00
Field Technician	$100.00
Flagmen	$75.00
Draftsperson	$65.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	TSFGEO

Position / Classification	Maximum Hourly Rate ($)
Project Manager	$350.00
Chief Engineer	$300.00
Principal Engineer	$275.00
Senior Engineer	$225.00
Project Engineer	$195.00
Staff Engineer	$165.00
Sr. Engineering Technician	$105.00
Draftsman	$125.00
Inspector	$105.00
MOT Qualified Staff	$95.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Geotechnical Fieldwork and Material Testing

Sub /Firm Name	TSFGEO	
FIELDWROK		**UNIT RATES**
Standard Penetration Test Borings (ATSM D-1586), Truck Rig or Mud Bug Rig		
0 - 50 Foot Depth Interval	Lin. Ft	$17.00
51 - 100 Foot Depth Interval	Lin. Ft	$19.00
101 - 150 Foot Depth Interval	Lin. Ft	$25.00
Auger Borings (Drill Rig -ASTM 4700)		
0 - 50 Foot Depth Interval	Lin. Ft	$14.00
51 - 100 Foot Depth Interval	Lin. Ft	$16.00
Undisturbed Samples (Shelby Tubes)		
0 - 50 Foot	Lin. Ft	$150.00
51 - 100 Foot	Lin. Ft	$200.00
Temporary Casing (3-inch casing)		
0-50 Foot	Lin. Ft	$8.00
51 - 100 Foot	Lin. Ft	$10.00
101 -150 Foot	Lin. Ft	$15.00
Grout Boreholes Truck/Mud Bug		
0-50 Ft	Lin. Ft	$7.00
51-100 ft	Lin. Ft	$9.00
100-150 ft	Lin. Ft	$12.00
Muck Probing		
2- Man Crew	Hour	$170.00
3- Man Crew	Hour	$255.00
Permeability/Percolations Tests - Field (SFWMD Usual Open Hole Method)	Test	$500.00
Rock Coring		
0 to 50 feet- Truck Mounted	Lin. Ft	$55.00
50 to 100 feet- Truck Mounted	Lin. Ft	$70.00
Temporary Casing (6-inch casing)		
0 to 50 feet	Lin. Ft	$12.00
51 to 100 feet	Lin. Ft	$14.00
Site Clearing Supervision	Hour	$95.00
For drilling services inside existing structures - ventilation, lighting		
Extra Split Spoons (0 to 50 feet - truck mounted)	Each	$30.00
Extra Split Spoons (51 to 100 feet - truck mounted)	Each	$35.00
SOIL TESTING		
Field Density/Test (five (5) minimum)	Test	$40.00
Standard Proctors	Test	$150.00
Modified Proctors	Test	$150.00
Limerock Bearing Ratio Test (Laboratory Test)	Test	$400.00
California Bearing Ratio Test (Laboratory Test)	Test	$400.00
Atterberg Limit Test	Test	$90.00
Carbonate Content Test	Test	$75.00
Organic Content Test (FM 1-T267)	Test	$50.00
D.O.T. Corrosivity	Test	$205.00
Soil Observation (On Site) - Sr. Eng. Tech	Hour	$105.00
Natural Sample Moisture Content	Test	$25.00
Unit Weight and Moisture Content (Undisturbed Sample)	Test	$50.00
LA Abrasion	Test	$255.00
Permeability Tests (fine grained soils)	Test	$400.00
Permeability Tests (sands)	Test	$400.00
Sieve Analysis (Complete) (ASTM D 6913)	Test	$85.00
Sieve Analysis (-200 only) (ASTM D 1140)	Test	$50.00
Hydrometer Analysis (does not include +200 sieve analysis) (ASTM D 422)	Test	$120.00

Corrosion Series (pH, Sulphates, Chloride, Resistivity) (FDOT)	Test	$205.00
Soil Resistivity	Test	$75.00
Specific Gravity (ASTM D 854)	Test	$65.00
Unit Weight Determination	Test	$75.00
Calcium Carbonate of Aggregates (ASTM D 3042)	Test	$70.00
Consolidation Tests (ASTM D-2435) up to 12 load increments	Test	$1,950.00
Consolidation Test, additional load increment	Test	$125.00
Hydraulic Conductivity tests of Granular Soils (Constant Head) (ASTM D 2434)	Test	$400.00
Unconfined Compression Test (rock) (ASTM D 7012)	Test	$175.00
Splitting Tensile Test (rock) (ASTM D 3967)	Test	$175.00
Triaxial Test - Unconsolidated-Undrained (UU) (ASTM D 2850)	Test	$1,200.00
Triaxial Test - Consolidated - Undrained (CU) (ASTM D 4767)	Test	$1,250.00
Triaxial Test - Consolidated - Drained (CD) (USACE)	Test	$1,250.00
Preparation of samples for consolidation, permeability or strength tests	Test	$100.00
SAMPLING AND TESTING OF FRESH CONCRETE		
Curing, capping and compressive strength testing of concrete cylinders in Consultant's laboratory	Set of 6	$105.00
Field Sampling Fresh Concrete (sampling, molding, slump testing, temperature)	Hour	$95.00
Air Content Tests	each	$20.00
Unit Weight Tests	each	$50.00
Plant Control (Precast Yard Inspection)	Hour	$105.00
Concrete Block Strength Test (gross area)	each	$65.00
Concrete Block Absorption & Strength Test (net area)- 3 Blocks/Set	each	$125.00
Concrete Beam Flexural Strength - 3 Beams/Set	each	$150.00
Flexural Strength of Concrete Beam (ASTM C 78)	each	$135.00
Casting and Compressive Strength of Hydraulic Cement Mortars using Cube Specimens (ASTM C 109)	Hour	$95.00
SAMPLING & TESTING OF IN-PLACE CONCRETE		
Mobilization for coring	each	$300.00
Trimming, measuring, capping, curing & testing of concrete cores	each	$45.00
CONTRETE & MASONARY MATERIALS		
Concrete Compression test (Min. four (4) cylinders per trip)		
- Prepare cylinders & slump test on site, and deliver to lab	set	$150.00
Additional Concrete cylinders with slum	cylinder	$30.00
Concrete Compression test only [delivered to lab]	cylinder	$20.00
Slump test	each	$25.00
Stand-by (Beyond 1 hour on site)	hour	$85.00
Grout Prism (Four (4) per set) - Includes preparation of Prism on site	set of 4	$140.00
2" x 2" - Compression Testing	set	$150.00
Additional Mortar cubes	each	$30.00
Masonry Units		
A. Compressive Strength (ASTM C39}		
B. Absorption		
Concrete Cores (Min. 3);		
- Secure, trim & test 4 inch diameter	each	$120.00
- Secure, trim & test 6 inch diameter	each	$150.00
- Testing of core [delivered to lab (Incl. Trim]	each	$60.00
Swiss Hammer Testing (Sr. Eng Tech)	hour	$85.00
Windsor Probe Test - per 3 shots (Min. 3 shots)	set of 3	$150.00
Additional Windsor Probe Tests (per 3 shots)	set of 3	$75.00
Patching Cored Holes	each	$85.00
AGGREGATE TESTING		
Grain size determination:		
A. Full grain size (8 sieves)	each	$85.00
B. Wash through (#200)	each	$50.00
Specific Gravity & Absorption of Fine or Coarse Aggregate	each	$85.00

ASPHALT TESTING		
Asphalt Cores (obtaining core samples) (Min. 3)	each	$225.00
Ignition of Asphalt for Asphalt Content and Extraction & Gradation (ASTM D 2172 or D 6752)	each	$160.00
In-situ Density Tests - Nuclear Gauge Method (ASTM D 2950)	hour	$85.00
Asphalt Density and Thickness	each	$75.00
Asphaltic Density Plant Inspection	hour	$105.00
MISCELLANEOUS SERVICES		
Foundation Analysis and RecommendationI Reporting		Hourly
Double Ring Infiltration Test ASTM D-3385 (Min 2 tests)	test	$950.00
Install Groundwater Monitoring Well, <25' (per PBCWUD Stds & Details)	lin. Ft.	$45.00
Install Groundwater Monitoring Well, 25' - 50' (per PBCWUD Stds & Details)	lin. Ft.	$60.00
Locking Well Cover and Pad	each	$220.00
Development of Monitoring Wells	hour	$150.00
Plug & Abandon Monitoring Well, <25' Depth	lin. Ft.	$15.00
Plug & Abandon Monitoring Well, 25' - 50' Depth	lin. Ft.	$20.00
Well sampling *	hour	$145.00
Dynamic Cone Penetrometer Testing-(Field CBR Test)	test	$900.00
DRILLING EQUIPMENT MOBILIZATION/DEMOBILIZATION (includes drill rig mileage)		
Truck-Mounted Rig	each	$550.00
A TV - Mounted Rig - (sites not accessible to truck mounted equipment)	each	$3,000.00
Amphibious / Barge (mounted equipment)	day	$9,500.00
Support Truck	Day	$225.00
Support Boat	Day	$750.00
FOUNDATION TESTING SERVICES		
Vibration/ Noise Monitoring Equipment - seismograph with geophone or microphone (includes mobilization, ec	day	$125.00
SITE PREPARATION MONITORING & TESTING		
In-situ Density Tests - Nuclear Gauge Method (ASTM D 2922)	hour	$95.00
In-situ Density Tests - Sand Cone Method (ASTM D 1556)	hour	$105.00