

CITY OF HOLLYWOOD



RFQ-354-26-WV

**PROFESSIONAL ENGINEERING DESIGN
SERVICES – VARIOUS LOCATIONS /
GRACEWOOD LAP PROJECT**



**Due: November 13, 2025
3:00pm**



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

TAB A: Table of Contents



Table of Contents

Tab A:	Table of Contents.....	1
Tab B:	Executive Summary.....	2
Tab C:	Firm Qualifications and Experience.....	5
Tab D:	Organizational Profile and Project Team Qualifications.....	45
Tab E:	Approach to Scope of Work.....	94
Tab F:	References.....	115
Tab G:	Financial Resources.....	121
Tab H:	Legal Proceedings and Performance.....	122
Tab I:	Required Forms/Exhibits (FDOT Forms).....	123

TAB B: Executive Summary



Tab B: Executive Summary

BUSINESS ENTITY & COMPANY BACKGROUND:

R.J. Behar & Company, Inc. (RJ Behar) was founded in 1999 as an S-Corporation in Florida to provide consulting engineering services to public sector clients. Our firm has grown during that time to 38 employees. Our steady growth has been based on providing quality service with a client service-oriented approach. Our philosophy is based on the following principles:

Integrity – Guided by the principles of integrity and honesty, we strive to be fair with our clients, while providing a product meeting the standards of our profession.

Experience – For more than 70 years of combined professional practice, **RJ Behar's** Principals have provided their knowledge to meet client expectations and have delivered several award-winning projects.

Innovation – **RJ Behar** helps clients create cost effective projects, with the design of innovative solutions.

Quality – Delivering quality infrastructure projects is measured by the final product, but it is also attested by repeat clientele. Many of our clients have continually selected **RJ Behar** time and again to complete their new projects.

RJ BEHAR OFFICES:

Headquarters – Office Responsible	Palm Beach County Office	Miami-Dade County Office
6861 SW 196 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 146 th Street Suite 504 Miami Lakes, Florida 33016 T: 305-558-3777 / F: 305-558-8909

Officers/Principals: Robert J. Behar, PE – President/CEO/Treasurer; Paola Riveros, PE – Vice President; Dereth Behar – Corporate Secretary

Primary Contact: Paola Riveros, PE; 954-680-7771 ext. 207 Email: priveros@rjbehar.com

Supervisory Staff and Key Elements:

Paola Riveros, PE (PEMBROKE PINES OFFICE) is a Civil Engineer with experience in civil and transportation/roadway engineering projects. Her experience includes 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. Ms. Riveros recently completed **Countyline Road from SW 32nd Boulevard** for the City of West Park. The existing swale was designed with flume openings and decorative concrete bands at various locations throughout. During construction this section of the corridor was not adequately designed or graded to capture and retain stormwater runoff. She rectified this with the construction of a bioswale swale area to collect the runoff and address both water quality (treatment) and quantity (attenuation) concerns. Ms. Riveros also served as an in-house consultant project manager for the Florida Department of Transportation (FDOT) District 4, where she gained a thorough understanding of the LAP process and procedure, the value of schedules in LAP projects, and QC.



Hans Murzi, PE, CFM (PEMBROKE PINES OFFICE) is a water resource engineer with extensive experience including stormwater master planning, hydrologic and hydraulic analysis, and modeling of rivers and flood control systems, natural resources restoration projects and watershed management. He is a Certified Floodplain Manager. Mr. Murzi serves as one of two District Drainage Engineers for the **Central Broward Water Control District**.

Nestor Santana, PE, (PEMBROKE PINES OFFICE) is a Senior Project Engineer. His civil engineer experience includes projects in construction management for new construction and remedial projects of existing structures, buildings, buildings,

infrastructure, roadway, and water/wastewater projects. He has provided cost estimates for roadway/streets projects, drainage, stormsewer and sanitary sewer systems, pump stations, and water control structures projects.

Stacy Sookdew-Sing (PEMBROKE PINES OFFICE) is a Project Administrator, Contract Support Specialist, Senior Resident Compliance Specialist, as well as a Public Information Officer and Inspector. She provides Administration Grant Assistance to the Town of Davie, and the Cities of West Palm Beach and Miami. She is currently working on **Beverly Park Sidewalk and Hollywood Beach Heights Sidewalk Projects, which are both FDOT Local Agency Program (LAP) Projects.**

Our Team of Subconsultants:

- **WGI, Inc.** – Design, Right-of-Way, and Construction Surveying
- **Cyriacks Environmental Consulting Services, Inc.** – Environmental Services
- **Archaeological Consultant, Inc.** – Cultural Resource Assessment Survey
- **AREHNA Engineering, Inc.** – Geotechnical Engineering
- **Craven Thompson & Associates Inc.** – Landscape Architecture

Please refer to **Tab D – Organizational Chart and Project Team Qualifications** for the organization chart and resumes with their responsibilities.

Key Elements of Scope of Work:

The **City of Hollywood** is seeking responses from qualified, experienced, and licensed firms to provide professional engineering design services for various locations for the Gracewood Neighborhood LAP Project. The neighborhood of Gracewood is considered a community of cozy, single-family homes, some cul-de-sac, some with non-existing sidewalks or existing without continuity or in poor condition.

As part of the Scope of Work, **RJ Behar** will provide civil engineering design services for Complete Streets and other Localized Initiatives Program (CSLIP) project, part of the Broward Metropolitan Planning Organization Program. Some of the goals of the Program include improvements to pedestrian and bicycle safety, traffic calming, and overall transportation infrastructure. **RJ Behar** has experience with the design of complete streets and the widening and improvements of sidewalks for the safety of pedestrians, as well as design of shared bike lanes/path, sidewalk connectivity to ensure mobility, safety, walkability of pedestrians, and ADA compliance.

Requirements:

As described, this project is funded by the FDOT LAP. **RJ Behar** is FDOT prequalified in Work Type **3.1 Minor Highway Design** and **7.1 Signing, Pavement Marking, and Channelization** and **WGI, Inc.** is FDOT prequalified in Work Type **8.2 Design, Right-of-Way, and Construction Surveying.**

Grant Management Experience:

RJ Behar has municipal experience assisting with grant funding, grant applications for Community Development Block Grant (CDBG), State of Florida Local Programs, FDOT LAP Assistance, American Rescue Plan Act (ARPA), Federal Emergency Management Agency (FEMA) and State Resilience Grants along with the various reporting requirements associated with these Grants. **RJ Behar** has completed over 151 LAP funded projects.

We have assembled a team who can provide all the required specializations needed to provide design, construction management engineering, and post design services for this contract. Mr. Robert Behar, PE, Principal in Charge, possesses vast experience in the planning, design and management of civil and transportation projects nationwide. He has worked on projects for many municipalities throughout South Florida. He is **RJ Behar's** President and oversees the firm's full operation. Mr. Behar has over 47 years of experience. Our goals for these types of contracts are the following: *Work as an extension of the City's Staff with a service-oriented approach, Provide sufficient staff to be able to adhere to the schedule required by the City, Adhere strictly to the budget; and Conduct in-house quality control reviews of all deliverables to eliminate potential construction claims or delays, Respond quickly to requests for information (RFIs).* Please refer to **Tab E** for a detailed description of our approach to the scope of work.

This proposal is made without collusion with any other person(s), company or parties submitting a proposal; it is in all respects fair and in good faith, without collusion or fraud; and the signer of the proposal has full authority to bind the principal proposer.

Our RJ Behar's Principals have been providing engineering services to the public and private sector for more than 26 years and look forward to working with the City of Hollywood on this Contract.

TAB C: Firm Qualifications and Experience



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Firm Qualifications

RJ Behar's mission was directed at understanding our clients' needs, applying the necessary resources to accomplish those needs, while building and maintaining long-term professional relationships with our clients. Our staff has extensive knowledge and experience with South Florida regulations and agencies. From our project examples listed within the proposal, you will see that **RJ Behar's Staff** has extensive experience working on general civil, traffic, roadway, and drainage design engineering services with bicycle lanes and shared use paths incorporating pedestrian safety for many agencies, and on-street parking design. **RJ Behar** began as a roadway design firm and most of our other areas of expertise came by way of roadway design or by supplementing roadway design. Our comprehensive design experience and expertise include Roadway Plans, Traffic Studies, Safety Studies, Signal Design, Pavement Marking and Signing Design, Traffic Control Plans, Lighting Plans, Drainage and Permitting, Utility Relocation/Coordination, and Public Involvement.

RJ Behar is a minority owned firm registered in the State of Florida, currently certified as a Minority Business Enterprise (MBE), Small Business Enterprise (SBE) and a Disadvantaged Business Enterprise (DBE) with the State of Florida, Florida Department of Transportation (FDOT), County Governments, and the South Florida Water Management District (SFWMD). Please see within this section copies of corresponding Certifications and Licenses.

RJ Behar's disciplines of expertise include *Civil Engineering, Municipal Engineering, Traffic Engineering, Transportation Planning Engineering, Roadway/Highway Design, Site Planning and Site Engineering Design, Engineering Plan Review, Environmental Engineering, Sanitary Sewer Design, Storm Drainage Design, Stormwater Master Planning, Water Distribution Systems Design as well as Construction Engineering and Inspection Services*. We are well-versed in design, engineering, budget, and construction cost estimating services, bidding assistance, permitting, and contract administration services during construction.

RJ Behar's Supervisory Staff and Key Participants:

We have a team of seasoned professionals with supporting staff members and subconsultants to undertake this assignment. On Staff, we have 11 registered Professional Engineers, Hydrologists, Certified Environmental Inspector, Certified Stormwater Management Inspectors, Certified Floodplain Manager, Engineer Interns, Engineer Technicians, Resident Compliance Specialists, a Threshold Inspector, Grant Specialists, and all our Inspectors are CTQP Certified with FDOT, with a total of 38 employees available to assist the City – Please refer to **Tab D** of the proposal for the organization chart and resumes.

RJ Behar employees per department:

DEPARTMENT	NO. OF STAFF	DEPARTMENT	NO. OF STAFF
Administrative	5	Transportation Engineer	4
CADD Technician	2	Electric Engineer	1
Civil Engineer	4	Planner: Urban/Regional	1
Hydrologist	1	Construction Manager	1
Water Resources Engineer	3	Construction Inspector	9
Environmental Inspector Engineer	1	Cost Estimating	1
Structural Engineer	5		
Total:			38

Office Locations – Proximity and Distance to the City:

RJ Behar's Pembroke Pines office will be responsible for this contract, our office is located 14 miles, approximately 20 minutes from the City of Hollywood's City Hall.

RJ Behar has developed an excellent reputation throughout South Florida for delivering high quality engineering services. We have consistently completed projects on time and within budget requirements. We obtain evaluations from FDOT projects in

the range of 4.0 out of a maximum of 5.0 points. Another test of our ability to complete projects on time and within budget is repeat business. As an example, we have been in continuous contract with the City of Hialeah for the last 25 years and with the South Florida Water Management District for 24 years.

Our main areas of specialization emanate from the following services:

- **Transportation and Traffic Engineering**
- **Environmental and Water Resources Engineering**
- **Civil Engineering**
- **Structural Engineering**
- **Electrical Engineering**
- **Construction Management and Engineering Inspections**

CIVIL ENGINEERING

RJ Behar has extensive experience in Civil and Site Engineering. We specialize 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 a successful municipal engineering service includes being responsive, adapting to performing under short notice, learning to be an extension to the City's Staff, understanding 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.

We provide the design of paving, drainage, water distribution systems and sanitary sewer systems associated with land development projects. We are experienced in obtaining permits from the state agencies such as the Water Management Districts, Department of Environmental Protection, the FDOT, Health Department and numerous City and County agencies throughout South Florida. **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 (Parks) Design*
- *Site Engineering*
- *Traffic Studies*
- *Neighborhood Studies*
- *Streets Resurfacing*
- *Structural Engineering*
- *Water Distribution Design*
- *Design of Sanitary Sewer Systems*
- *Cost Estimating*
- *Funding Applications/LAP Certifications*
- *Grant Applications*
- *Contract Administration*

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, 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.



TRANSPORTATION AND TRAFFIC ENGINEERING

Transportation Engineering was the foundation of **RJ Behar**. In approaching all transportation planning projects. **RJ Behar**

integrates 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 increase 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*



SW 136th Street – Shared Use Path Design

RJ Behar began as a roadway design firm. Our primary expertise is roadway design and most of our other areas of expertise came by way of this or by supplementing our roadway design capabilities. Our comprehensive roadway design experience and expertise includes Roadway Plans, Traffic Studies, Signal Design, Pavement, Marking & Signing Design, Traffic Control Plans, Lighting Plans, Drainage & Permitting, Utility Relocation Plans and Public Involvement. We are certified by FDOT for Minor, Major and Controlled Access Highway Design.

RJ Behar was contracted by the Village of Palmetto Bay to provide professional engineering services for the construction of roadway improvement project and on-road dedicated bicycle lanes along SW 136th Street from US-1 to Cutler Road. This was a Local Agency Program (LAP) Agreement project between Miami-Dade County, the Village of Palmetto Bay, the Village of Pine Crest, and the Florida Department of Transportation. The project involved roadway plans, pavement marking and signing plans, utility coordination, drainage design and permitting. The improvements required milling and resurfacing the existing roadway and pavement widening to accommodate an on-road dedicated shared use path. The primary challenge for this project was accommodating the proposed shared used path in a constrained right-of-way corridor

RJ Behar is currently finalizing the ***Pine Island Road from Griffin Road to Nova Drive Project*** for Broward County Highway and Construction, which was a MAP Project funded by the County Surtax. The project improvements included reconstructing the existing roadway from four to six lanes, with a shared use path and/or bike lane in each direction. Additional improvements included bridge widening, signalization, signing and pavement markings, lighting, a bulkhead wall along the canal, and landscaping.

Some of the challenges for the project included the need for right-of-way, archaeological remains requiring a Cultural Resource Assessment Survey (CRAS), substandard existing profiles, sight distance issues and pavement issues due to existing muck under the road. The project also includes a completely new drainage system, extensive permitting, utility coordination and relocations, and an extensive public involvement program with virtual townhalls. The project was designed in 3D using Open Roads. **RJ Behar** will be responsible for post design services and assistance with the contractor bid process.



Traffic Planning

RJ Behar has developed expertise in the Transportation Planning and Traffic Engineering fields. We are very familiar with the Manual of Uniform Traffic Control Devices (MUTCD), The Florida Greenbook (voting member), FDOT Standards, American Association of State Highway and Transportation Officials (AASHTO).

RJ Behar owns data capturing equipment and has in-house trained staff to collect and process traffic volume data. We can perform traffic volume counts, speed studies, turning movement counts, vehicle classification studies and vehicle cut-through Analysis. These traffic data gathering services are performed by our staff and do not require the involvement of a third party subconsultant, which allows us flexibility and the ability to respond to our clients request for these services efficiently and on short notice. We have state-of-the-art computer equipment and all the latest engineering software to produce any necessary traffic plan including Synchro, CORSIM and TSIS, McTRANS HCS+T, StarNext, PETRAPro, and TCU.

Sidewalks

For the Town of Medley, **RJ Behar** conducted a sidewalk master plan study to assess the condition of existing sidewalks, identify deficiencies, and make recommendations to enhance pedestrian mobility and safety within the Town limits.

The main objective of this study was to serve as a long-term planning document that will improve pedestrian connectivity while accommodating population growth, future land use, surrounding environment, and local and regional connectivity. This analysis was guided through research of existing conditions, public input, planning, and engineering analysis.



For the City of Oakland Park, **RJ Behar** performed an ADA compliance assessment along **NE 38th Street from NE 6th Avenue to N. Dixie Highway**. NE 38th Street is a local street with a 2-lane urban undivided section in a residential neighborhood. In this portion of the corridor, there were several utility poles placed within the sidewalk on the north side of the NE 38th Street, and there were six pedestrian crossings.

RJ Behar performed a field visit to identify non-ADA compliant elements on sidewalks, and curb ramps within the project location. Both sidewalks were evaluated to determine which sidewalks and curb ramps were to be defined as being deficient, as per ADA requirements.

Our evaluation of each deficiency was based on its urgency and importance of accessibility. This allowed us to focus mainly on the disabled needs in terms of urgency and importance.



The observations were focused on the following: 1) minimum clear passage ADA requirements 2) existing sidewalks and sidewalk safety features were in fair or better condition 3) existing standard curb ramps were following ADA and FDOT Design Standards, and 4) existing pavement marking crossings followed ADA requirements.

Street Lighting

Many of our roadway projects include street lighting, **RJ Behar** has provided roadway lighting design, roadway lighting photometric analysis to confirm which of the configurations would be sufficient or type of luminaries would be the most adequate. The appropriate design and location of street lighting in roadway/streets projects becomes a safety asset, not only for vehicles driving the area but for bicyclists and pedestrians as well. Many aspects come in consideration for street lighting: the distance in between light poles, type of lights, visibility and location. *For the City of Lauderhill, SR-7/US-441 Roadway Lighting and NW 11th Pedestrian Lighting Improvements, FDOT District 4; LAP Project.* **RJ Behar** performed design, quality assurance reviews of the plans, permitting and coordination with the respective agencies.

RJ Behar prepared plans for the most feasible and appropriate locations for pedestrian lights in the ROW of the south side of Coconut Creek Parkway from Broward College to Lyons Road for the ***Pedestrian Lighting Design Along Coconut Parkway – City of Coconut Creek***. The scope of services included project management, site visits, determination of quantities, lighting design, utility coordination, coordination with FP&L, specifications and cost estimates.

Coconut Creek Parkway is a County Road; **RJ Behar** obtained all necessary permits from Broward County. We also provided construction assistance, which consisted of:

1. *Attending Preconstruction meetings,*
2. *Responding to Request for Information (RFI),*
3. *Attending Progress Meetings,*
4. *Shop Drawing Reviews,*
5. *Site Visits, and*
6. *Project Closeout and Certification.*



ENVIRONMENTAL AND WATER RESOURCES ENGINEERING

RJ Behar's services include Environmental Engineering, Water Resources and Stormwater Master Planning. We can provide environmental reports, monitoring, assessments, design, construction documents, permitting, and construction administration on any Environmental Project. We have considerable expertise in water resources. Our staff has developed experience in the design and analysis of wastewater and water distribution systems. We have designed water and sewer services for commercial sites, and our staff has developed wastewater and water distribution plans for citywide systems and to service industrial parks and new communities.

RJ Behar was responsible for design development and construction administration for Atlantic Shores Boulevard improvements for the City of Hallandale Beach. The design services were aimed at increasing safety, implementing wider sidewalks, and improving the roadway. **RJ Behar**, as part of the design team, assisted with drainage modifications and permitting. The public right-of-way is 100 feet wide and generally starts and ends at the back of the sidewalk. The current road had one travel lane in each direction; 5-foot-wide sidewalks on both sides of the road; a paved swale area within the public right-of-way used for parking. The existing system included swales and sporadic inlets. There was no formal means of providing water quality treatment on the roadway. **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. We completed a preliminary evaluation of costs for upgrading the water and sewer infrastructure and the completed the drainage design and permitting packages for the project. The proposed drainage systems include new inlets for collection of runoff, modification of the existing systems and reconnections to the existing outfalls and maintaining the physical connection to the pump station on NE 14th Avenue. Retrofitting the existing outfalls with flap gates to address future sea level rise was also recommended. French drains were proposed to provided water quality for the new improvements. The new project included pervious pavements for share use paths and parking areas.



Familiarity with Permitting Agencies

We are experienced in obtaining permits from agencies such as the Water Management Districts, Local Drainage Districts, Florida Department of Environmental Protection (FDEP), the U.S. Army Corps of Engineers (USACE), the FDOT, Health Department and numerous City and County agencies throughout South Florida.

Our experience with permitting includes all types of projects. In our A1A project for the FDOT, as an example, we had to permit the project with the FDEP and the USACE. The project was inside the coastal construction control line (CCCL) 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 is currently serving as one of two firms who serve as District Drainage Engineers (DDE) for the Central Water Control District. As DDE, **RJ Behar** reviews 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. We also provide 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. **RJ Behar** also participates in the District Board Meetings as representative to the District.



We permitted the 5th Street Bridge Replacement over the Miami Canal. We prepared the entire fill and dredge permit plans that included work in the navigation channel, seawall construction and outfall retrofits. **RJ Behar** also completed the permitting of the new Northlake Bridge over the Loxahatchee Slough in Palm Beach County. The project included work in very sensitive wetlands for construction of berms, a new weir, and canoe facilities.

CONSTRUCTION ENGINEERING AND INSPECTIONS

RJ Behar is certified by FDOT in Construction Engineering Inspections Services and has provided services on a general construction management contract with the SFWMD. We offer a full range of construction engineering services. These services range 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 CTPQ certified with the FDOT. They are familiar with all the required contract provisions for construction contracts including all monitoring and reporting requirements, contract, and project billing documentation. We provide both infrastructure inspection as well as building inspection services. Our construction management team includes licensed Threshold Inspectors. We also offer resident compliance specialist services, reviewing Davis-Bacon wage rate verification, including field interviews, job-site interviews.

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 Project Administration/Contract Support Specialist and Senior Resident Compliance Specialist services to the City of Hollywood for the installation of a new 5-foot-wide sidewalk in the areas around **Colbert Elementary School**. **RJ Behar’s** Resident Compliance Specialist assisted the City in complying with all State and Federal Equal Employment Opportunity (EEO) requirements as they apply to this project, including the provisions of the U.S. Department of Transportation, the Federal Highway Administration, and the U.S. Department of Labor. Services included:

- | | |
|--|--|
| <ul style="list-style-type: none"> ▪ Verifying wage rates ▪ Running progress meetings ▪ Attending compliance audits, meetings, and training ▪ Submitting monthly compliance checklists to FDOT | <ul style="list-style-type: none"> ▪ Conducting EEO labor reviews ▪ Maintaining project documentation ▪ Verifying DBE goals ▪ Verifying all compliance documentation |
|--|--|

PUBLIC SECTOR ENGINEERING/GRANT EXPERIENCE AND FUNDING ASSISTANCE

RJ Behar has extensive knowledge of public sector engineering. We have assisted in the preparation of State and Federal grant applications as well as the reporting requirements associated with the program management of different types of grants.

RJ Behar has provided funding assistance to the City of Lauderdale Lakes, the Town of Southwest Ranches, Town of Davie, Town of Medley, City of Miramar, among others. We have assisted in obtaining FDOT Local Agency Program (LAP) certifications. As an example, we assisted the Town of Davie in obtaining FDOT certification for LAP funding for town capital projects. **RJ Behar** prepared all the required FDOT documents for certification and coordinated with FDOT's LAP administrator as well as assisted the Town Council and Town Administrator during the certification process.

We assisted the Town of Southwest Ranches in obtaining funding for the construction of the Stirling Road Loop Multipurpose Trail. The funding was obtained from the Metropolitan Planning Organization (MPO) and coordinated through FDOT and Broward County. The Town was awarded approximately \$500,000 for this project.

Currently, we are assisting the City of Miami in providing professional services support for the City's various grant projects, including the preparation of various forms, review of documents and submittals required by Federal and State agencies to fulfill the City's requirements under the respective programs.

RJ Behar has extensive experience working on Community Development Block Grant (CDBG) projects. We have completed several projects and have continued working on other projects. We are very familiar with the requirements for these projects. 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:

- *43 Year CDBG Improvements NW 2nd Avenue from NW 4th Street to NW 5th Street – City of Hallandale Beach*
- *48 Year CDBG Improvements, 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*

Our proposed team members are familiar with all the required contract provisions for Federal-Aid contracts, including all monitoring and reporting requirements, contract and project billing documentation, and ensuring accurate and timely Local Agency reimbursement through FDOT. The team selected for this contract possesses the experience required under the Grant Application Process or "GAP" requirements to bring this project to successful completion. **RJ Behar** has worked on numerous Federal-Aid Administration jobs and is well-versed with the FA requirements and procedures.

Bidding Services

RJ Behar always provides post design services on our projects. We have provided bidding on numerous 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 check on the successful bidder*

Cost Estimates

RJ Behar performs cost estimates in all our design projects. We were selected to provide cost estimating services for the City of Sunrise. Under that contract, we have 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 including all the senior level 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.

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.

Please see immediately following this page, our firm and subconsultants proof of experience of similar scope and scale (or larger).

**CLIENT:**

Ms. Vandana Nagole, PE
Florida Department of
Transportation, District 4
3400 W. Commercial Boulevard
Fort Lauderdale, FL 33309
Tel: (954) 777-4281
Email:
vandana.nagole@dot.state.fl.us

RJ BEHAR'S ROLE:

Roadway design, Temporary Traffic
Control Plan (TCP) design, pave-
ment marking and signing, utility
coordination, railroad coordination.

PROJECT START: 8/29/2017
PROJECT COMPLETE: 10/2019
COST/FEES PAID: \$180,430.00
CONSTR. COST: \$ 200,000
FPID: 47785-1-32-01
CONTRACT NUMBER: C9T43
TASK WORK ORDER No.: 5
PROJECT LENGTH: 046 miles

RJ BEHAR'S KEY PERSONNEL:

Robert J. Behar, PE
Principal in Charge

Jasmani Riveron, PE
Project Engineer

Hans Murzi, PE
Drainage Engineer

Kira Leon, PE
Project Engineer

The scope of the project consisted of providing pedestrian sidewalk connectivity along three local roads within the City of Pompano Beach.

The three roadways were:

NE 6th Street from Dixie Highway to W. Flagler Avenue

NE 4th Street from Flagler Avenue to NE 1st Avenue

SW 6th Street from Dixie Highway to S. Cypress Road

The sidewalk was constructed to "fill in the gaps" and provide a continuous sidewalk within the corridors. Along NE 6th Street, the sidewalk was constructed along the inside north right-of-way line from Dixie Highway to West of Flagler Ave. On NE 4th Street, the sidewalk was constructed along the south side of the roadway, inside the south right-of-way line between N. Flagler Avenue and NE 1st Avenue. On SW 6th Street, the sidewalk was constructed along the inside of the north right-of-way line between South Dixie Highway to S. Cypress Road. The project included regrading grass swales and minor drainage modifications as required to provide improved drainage.





CLIENT:

Oleta Partners, LLC
Mr. Darryl Lee, PE
VP, Development and Construction
15055 Biscayne Boulevard
North Miami, Florida 33181
Tel: (786) 629-3134
Email: dlee@solemia.com

Barbara S. Mesa Valdes, E.I.
Department of Transportation and
Public Works (DTPW)
111 NW First Street
Miami, FL 33128
(305) 375-3409
Barbara.MesaValdes@miamidade.gov

RJ BEHAR'S ROLE:

Roadway design, TTCP design,
pavement marking and signing,
signalization, lighting, drainage,
permitting, utility coordination,
contamination assessment and
wetland delineation/assessment.

PROJECT START: 8/11/2017
PROJECT COMPLETE: 11/08/2022
COST/FEES PAID: \$1,001,390.00
CONSTR. COST: \$14,200,000
PROJECT LENGTH: 0.876 miles

RJ BEHAR'S KEY PERSONNEL:

Robert J. Behar, PE
Principal in Charge/Project Manager

Paola Riveros, PE
Project Engineer

Juan Vazquez, PE
Drainage/Permitting Engineer

Elmer Cardenas, PE, CEI
Drainage Design

Carlos Mazorra, PE
Signal Design

Joyce Ledan, EI
Designer

Nanette Akyaz-Gomez, LEED AP ND
Senior Designer

The scope of the project consisted of final design for the reconstruction of a segment of NE 151st Street from west of US 1/SR 5 to Bay Vista Boulevard (1 mile) 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 provide a much-needed east-west roadway east of US 1.

RJ Behar was responsible for 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 project included the design of 4' wide bicycle lanes in both directions in accordance with the 2018 Florida Greenbook.

The scope of this project included a wetland delineation/assessment and contamination assessment. RJ Behar also assisted with coordination to obtain permits for the installation of contamination monitoring wells and permit coordination with Miami-Dade County's Department of Regulatory and Economic Resources, Division of Environmental Resources Management (DERM). RJ Behar met with Mr. Wilbur Mayorga from the Environmental Monitoring and Restoration Division of DERM to discuss the project to determine limitations and permitting requirements that might be imposed because of the groundwater contamination and preliminary design.

The project included a Phase I Environmental Site Assessment (ESA) followed by a Phase II ESA prepared by a subconsultant. The closed Munisport Landfill is located adjacent to the project's limits. The Phase I ESA identified the potential that residual groundwater impacts of ammonia and iron from the Munisport Landfill may have encroached into the right-of-way. Eleven groundwater monitoring wells were installed and sampled within the proposed exfiltration trenches adjacent to the landfill. Laboratory analysis indicated the presence of ammonia at concentrations in excess of the groundwater cleanup target levels in 9 of the 11 well locations. Groundwater samples collected from 5 of those 9 locations also exceeded the natural background concentrations for iron. Design mitigation strategies included using injection/drainage wells in lieu of exfiltration trenches, avoiding dewatering activities, and including requirements for notifications and removal of any encountered contaminated soils.

RJ Behar considered sea level rise in the design of the system by adjusting the tailwater elevations of our hydrologic models and increasing the water table elevations using the Regional Climate Action Plan projections. RJ Behar designed the roadway on average of 1.5 feet higher to consider the effects of sea level rise.

The drainage design for the project included drainage wells with an outfall to the intercoastal waterway, which was challenging because of the presence of contamination in several parts of the project. The project was permitted with the SFWMD, the MD DERM and the USACE.



SW 136TH STREET FROM US-1 TO OLD CUTLER ROAD - LAP
VILLAGE OF PALMETTO BAY, FLORIDA

CLIENT:

Mr. Dionisio Torres, PE
Director, Public Works
Village of Palmetto Bay
9705 East Hibiscus Street
Palmetto Bay, Florida 33157
Tel: 305-969-5011
Email: dtorres@palmettobay-fl.gov

RJ BEHAR'S ROLE:

Project management, site visits,
roadway plans, drainage design,
signing, pavement markings,
utility coordination, permitting, and
post design services.

PROJECT START: 2/26/2019
DESIGN PROJECT COMPLETE:
3/15/2020
COST/FEES PAID: \$301,277.00
CONSTRUCTION COST:
\$1,926,728.00
CONSTRUCTION START DATE:
6/14/2021
CONSTRUCTION END DATE:
9/14/2022
CHANGE ORDERS: None
TIME EXTENSIONS: None
PROJECT LENGTH: 1.82 miles
PROJECT LAP FPID: 434687-1-
58-01

RJ BEHAR'S KEY PERSONNEL:

Robert J. Behar, PE
Project Manager

Paola Riveros, PE
Project Engineer

Elmer Cardenas, PE
Drainage Engineer

Xamarah Seda
Designer

R.J. Behar & Company, Inc. (RJ Behar) was contracted by the Village of Palmetto Bay to provide professional engineering services for the construction of roadway improvement project and on-road dedicated bicycle lanes along SW 136th Street from US-1 to Cutler Road.

This was a Local Agency Program (LAP) Agreement project between Miami-Dade County, the Village of Palmetto Bay, the Village of Pine Crest, and the Florida Department of Transportation.

The project involved roadway plans, pavement marking and signing plans, utility coordination, drainage design and permitting. The improvements will require milling and resurfacing the existing roadway and pavement widening to accommodate an on-road dedicated shared use path. The primary challenge for this project was accommodating the proposed shared used path in a constrained right of way corridor.





CLIENT:
City of Hialeah

Mr. Jose Sanchez
Director, Streets Division
5601 East 8th Avenue
Hialeah, Florida 33013
Tel: (305) 687-2611
Fax: (305) 687-2632
Email: josanchez@hialeahfl.gov

RJ BEHAR'S ROLE:
Roadway design, signing and
pavement marking, lighting,
sidewalks, specifications, and cost
estimates.

PROJECT START: 8/07/2020
PROJECT COMPLETE: 9/30/2021
COST/FEES PAID: \$15,000
CONSTRUCTION COST:
\$1,769,764.20 (Estimated)
PROJECT NO: ITB#2020/21-3210-
00-015
PROJECT LENGTH: 0.477 miles

RJ BEHAR'S KEY PERSONNEL:
Robert J. Behar, PE
Project Manager/Engineer of Record

Paola Riveros, PE
Project Engineer

Joyce Ledan, EI
Project Engineer

R.J. Behar & Company, Inc. (RJ Behar) was contracted by the City of Hialeah (City) to provide design for the improvements of a road located on SE 2nd Place, SE 3rd Place from SE 6th Avenue to SE 8th Avenue within the City of Hialeah.

The existing two-lane cross sections on SE 1st Street and SE 1st Place, NE 2nd Place, NE 3rd Place were improved to 2-11 ft. travel lanes, with 5 ft. sidewalks approximately 9 ft. from the curb line. The right-of-way width for each street was 50 ft. In addition to the road construction, type F curb and gutter were constructed along each travel lane, with driveways, parking lanes, and intersection openings. At parking lane openings, a transition from type F curb and gutter to type D curb and concrete valley gutter were constructed. The back of sidewalk matched the existing grade elevations. Sod was added, as possible, between driveways.

The proposed stormwater management systems consisted of 18-inch diameter exfiltration trenches along the north side of the road designed to meet water quality and quantity requirements per jurisdictional agencies. The new system has pollution control structures before discharging to the exfiltration trenches.

RJ Behar assisted with post design services.





PINE ISLAND ROAD FROM GRIFFIN ROAD TO NOVA DRIVE TOWN OF DAVIE, FLORIDA

CLIENT:

Broward County Highway
Construction & Engineering
Division

Manny Fontan, PE
1 N University Drive
Plantation, Fl 33324-2038
(954) 577-4654
mfontan@Broward.org

RJ BEHAR'S ROLE:
Roadway, Bridge Design

PROJECT START: 11/03/21
PHASE I COMPLETE: 7/15/2025
PHASE II COMPLETE: Ongoing
COST/FEE'S PAID: \$2,824,527
CONSTRUCTION COST:
\$52,500,000
PROJECT LENGTH: 2 miles

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

Paola Riveros, PE
Project Engineer

Juan Vazquez, PE
Drainage/Permitting Engineer

Jossmel Cruz Garcia, PE
Structural Design

John Izquierdo, PE
Traffic Analyses

Nanette Akyaz-Gomez, LEED AP NP
Senior Designer

Erlis Fernandez
Designer

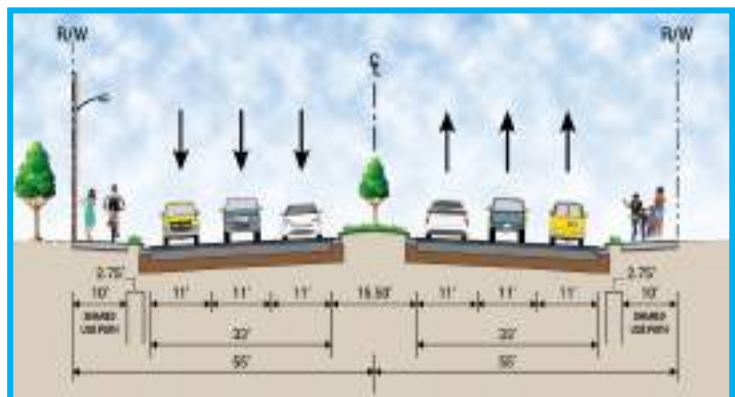
David Hernandez
Designer

Dereth Behar
Public Involvement Officer

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. The project scope also includes:

- Modify Signalized Intersections at Griffin Road, Orange Drive, SW 30th Street, SW 36th Street, and Nova Drive
- Signal Warrant Study at: Forest Ridge Boulevard & Alpine Woods Road
- A 1.7-mile bulkhead wall along the existing CBWCD canal, and
- Landscaping

Some of the challenges for the project include the need for right-of-way, archaeological remains requiring a Cultural Resource Assessment Survey (CRAS), substandard existing profiles, sight distance issues and pavement issues due to existing muck under the road. The project also includes a completely new drainage system, extensive permitting, utility coordination and relocations, and an extensive public involvement program with virtual townhalls. The project is being designed in 3D using Open Roads. The proposed project improvements included bridge modifications for a single span bridge with 2 - 11 ft. vehicle lanes each direction; 2 - 10 ft. wide pedestrian paths each direction; total width 92'-11"; total length of bridge = 105'-0"; superstructure: 8" concrete slab on FIB 45 prestressed concrete girders; substructure - Concrete cap on 24" prestressed concrete piles; Using the existing bridge for MOT to keep one lane open each direction during construction, and bulkhead wall along the existing CBWCD canal, evaluations of potential noise walls; and permitting.



**FDOT District 4, SR 817 University Drive Sidewalk and Bike Lanes, Broward County, Florida.
04/2021 – 02/2023**

Adham Naiem, PE, Project Manager, FDOT District 4
3400 West Commercial Boulevard, Fort Lauderdale, FL 33309
954.777.3421 | Adham.Naiem@dot.state.fl.us

WGI successfully completed this project, which focused on enhancing transportation facilities along SR-817/University Dr, including roadway widening, milling, resurfacing, and the addition of sidewalks, signage, and lighting. As a subcontractor to GOAL Associates, Inc., WGI's work was crucial in supporting the sidewalk design. We conducted comprehensive surveys to establish horizontal and vertical project control, ensuring accurate alignment and existing right-of-way lines. We placed and maintained aerial targets and photo-identifiable points, which were essential for precise mapping. Additionally, we performed topographic surveys to locate all above-ground features and improvements, creating a detailed digital terrain model with sufficient density. This data was vital for designing the sidewalk profiles and ensuring they met the required standards.

We also conducted subsurface utility explorations to identify and locate existing utilities, preventing conflicts during construction. Our drainage surveys provided detailed information on underground data related to above-ground features, ensuring effective stormwater management. Furthermore, we performed tree surveys to locate individual trees within the project limits, which helped in planning the sidewalk layout and preserving existing vegetation.

**Southwest 7th Street from Brickell Avenue to West of Southwest 2nd Avenue (TWO #2),
Miami-Dade County, Florida. 08/2022 – 11/2022**

Zurelys Perez De Alejo, PSM, FDOT District 6
1000 Northwest 111th Avenue, Miami, FL 33172
305.640.7471 | Zurelys.PerezDeAlejo@dot.state.fl.us

As part of the FDOT District 6 master contract for miscellaneous location surveys, WGI completed surveying and mapping services to support roadway improvements along Southwest 7th Street from Brickell Avenue to west of Southwest 2nd Avenue. Major project components included survey, terrestrial mobile lidar, and 3D digital terrain model. The survey limits extended five feet beyond the right-of-way, up to the face of steps or buildings, and 50 feet past the curve return. There were ten side streets.

For alignment with existing right-of-way lines, WGI incorporated the provided alignment into the survey development model for 3D design (SURVRD) and added information, such as begin and end point of project labels, station, coordinates for said points, baseline geometry, side streets, point of tangency, point of intersection, etc.

WGI collected survey data to create a 3D DTM, shooting break lines and high and low points, and collecting above-ground improvements, including driveways, curb cuts, American with Disabilities Act (ADA) ramps, sidewalks servicing adjoining properties, and pavement markings as well as trees, utility poles, vertical clearances of utility lines, Metro Rail, pedestrian bridges and mast arms.

The terrestrial mobile lidar mission included two passes in each direction, a total of 1.71 scan miles. Efforts included all planning and preparation of materials, setting 14 targets, route and safety planning, GPS/data acquisition scheduling, weather reports and site terrain research, as well as downloading and post-processing of GNSS/INS data, creation of estimated trajectories, and analysis of scan route data overlaps.



CECOS' Project Examples City of Hollywood

Design Services for Pine Island Road from Griffin Road to Nova Drive

CECOS Role: Environmental Permitting

Prime: R.J. Behar & Company, Inc.

PM: Robert Behar, PE

Address: 6861 SW 196th Ave, Suite 302, Pembroke Pines, FL 33332

Phone: (954) 680-7771

Email: bbehar@rjbehar.com

Duration: November 2021 - Ongoing

Project Description: This Broward County project involves a new six-lane roadway known as Pine Island Road from Griffin Road to Nova Drive, including one bridge widening, and bulkhead wall along the Central Broward Water Control District (CBWCD) N-12 Canal. CECOS services include leading the environmental review and permitting efforts. The environmental review included an assessment of listed species surveys, including visual surveys for Florida bonneted bat in addition to wetland delineation, functional assessment, and mitigation bank coordination. Permits include individual U.S. Army Corps of Engineers (USACE), FDEP and SFWMD Environmental Resource Permit (ERP).

FDOT D4 Continuing Services for Local Agency Programs (LAP) Project Delivery

CECOS Role: Environmental Permitting, Environmental Studies & NEPA Documentation

Prime: Jacobs Engineering Group, Inc

PM: Joseph Martin, P.E.

Address: 800 Fairway Dr Ste 190, Deerfield Beach, FL 33441

Phone: (954) 470-4525

Email: Joseph.Martin@jacobs.com

Duration: April 2023 - Ongoing

Project Description: CECOS has been providing environmental services for the Florida Department of Transportation's (FDOT) District 4 general services LAP contract for over two years. Ongoing work includes providing environmental resource surveys, marine benthic surveys, preparing National Environmental Policy Act (NEPA) documentation, and environmental permitting.

- City of Fort Lauderdale's West Lake Drive Bridges Replacement - This project involves the design for the replacement of three bridges located within the Harbor Beach Residential Community in Fort Lauderdale. CECOS was responsible for conducting a benthic resource survey, species surveys, preparation of NEPA documentation (Type I Categorical Exclusion (T1CE), agency coordination and preparation of environmental permit applications including a US Coast Guard Advanced Approval, a USACE Section 404 (Dredge/Fill) permit, a South Florida Water Management District's (SFWMD) Environmental Resource Permit (ERP), as well as an Environmental Resource License from Broward County's Environmental Protection and Growth Management Department.
- City of Deerfield Beach's roadway improvement project located along Crystal Lake Drive and NW 45th Street - This project's main design elements include sidewalk improvements, and installation of a new roundabout at the intersection of Crystal Lake Drive and NW 45th Street. CECOS is providing environmental services including preparation of NEPA documentation consisting of T1CE, and a Natural Resource Evaluation (NRE), and other associated support documents summarizing associated environmental issues (Environmental Issues Memorandum (EIM)) and permit requirements (Permits Memorandum).

PROJECT EXPERIENCE

Tampa M.O.V.E.S. Cultural Resource Assessment Survey, Citywide Bicycle and Pedestrian Improvements, N Boulevard from W Sligh Avenue to E Bird Street, Hillsborough County, Florida

The City of Tampa proposed a bike lane/sidewalk project along N Boulevard from W Sligh Avenue to E Bird Street as part of the Green ARTery project. This was a Local Agency Program (LAP) funds project. As part of this project, Archaeological Consultants, Inc. (ACI) conducted a Cultural Resource Assessment Survey (CRAS) for the purpose of locating and identifying any archaeological sites and historic resources within the project Area of Potential Effects (APE) and to assess their significance in terms of eligibility for listing in the National Register of Historic Places (NRHP). The State Historic Preservation Office concurred with ACI's findings.

Michael R. Harter, P.E.
Project Manager
2600 Maitland Center Parkway Suite #180
Maitland, FL 32751
(407) 830-8700 ext 809
MHarter@BPA-Engineers.com
September 2023 to March 2024

East Terry Street from Old 41 Road to Bonita Grande Drive, Lee County, Florida

The City of Bonita Springs has developed the East Terry Street Stormwater and Multi-Use Pathway Project focused on the improvement of stormwater management and multimodal accommodations along East Terry Street. This project included LAP funds. As part of this project, ACI conducted a CRAS for the purpose of locating and identifying any archaeological sites and historic resources within the project APE and to assess their significance in terms of eligibility for listing in the NRHP.

Brett Berube
Environmental Scientist
14055 Riveredge Drive, Suite #130
Tampa, FL 33637
(813) 386-1461
bberube@rkk.com
December 2023 to October 2024

Low Stress Multimodal Mobility Transportation System Master Plan

Broward County, Florida

Project Summary

This project consists of the design of multimodal transportation facilities for people walking, biking, or using other non-motorized personal conveyance devices a long roadway network regardless of functional classification and jurisdictional ownership.

AREHNA currently provides geotechnical engineering services for this master plan project which consists of roadway widening, drainage improvements, designated bike lanes and sidewalks, milling and resurfacing, retaining walls, and new mast arms structures.



Owner

Broward County BOCC

Key Staff

Jessica McRory, PE
Angela Alba, PE

Project Date

2022 – Ongoing

Reference

Christina Fermin, AICP
Marlin Engineering, Inc.
3363 W Commercial Blvd.
Fort Lauderdale, Florida 33309
(305) 477-7575
cfermin@marlinengineering.com

SW 56th Avenue from Pembroke Rd to Stirling Road Broward Mobility Project - FDOT District Four

Broward County, Florida

Project Summary

AREHNA provides geotechnical engineering services for this design build project, which consists of the conversion of 15 existing intersections to mast arm traffic control signals and the improvement of the intersection asphalt pavement, roadway widening to accommodate 7-foot buffered bicycle lanes and sidewalks.

Geotechnical scope provided the following: Mast arm foundation design parameters, pavement and base coarse layer thicknesses, and recommendations for milling and resurfacing.



Owner

Florida Department of
Transportation

Key Staff

Jessica McRory, PE
Angela Alba, PE

Project Date

2016 - Ongoing

Client Reference

Protean Design Group, Inc.
Kimberly C. Horlander, PE
100 E Pine, Suite 600
Orlando, Florida 32801
407-246-0044
AP@proteandg.com

58th Avenue from Pembroke Road to Stirling Road Complete Street - FDOT District Four

Broward County, Florida

Project Summary

The proposed improvements consist of milling, resurfacing, and widening 58th Avenue to accommodate a 5-foot wide bike lane on both sides of the existing roadway from Pembroke Road to Stirling Road. The existing 5-foot concrete sidewalks are to remain. The existing roadway is a two-lane urban roadway, east of US 441 and north of Pembroke Road in Hollywood, Florida.

The purpose of our geotechnical study was to obtain information on the general subsurface conditions at the proposed project site. Laboratory analysis was performed on soil samples to obtain information for roadway and pavement design.



Owner

Florida Department of
Transportation

Key Staff

Jessica McRory, PE
Angela Alba, PE

Project Date

2021 - Ongoing

Client Reference

Protean Design Group, Inc.
Scott Horlander, PE
100 E Pine, Suite 600
Orlando, Florida 32801
407-246-0044
shorlander@proteandg.com



Before



After

Project Role

Prime Consultant

Timeline

October 2020 - 2023

Craven Thompson's Fees

\$113,500.00

Construction Cost

\$893,639.00

Client Contact

Ibrahim Younis, PMP
 Public Work Construction Manager
 City of Greenacres
 5750 Melaleuca Lane
 Greenacres, Florida 33463
 Phone: (561) 790-6191
 Email: iyounis@greenacresfl.gov



Dillman Trail LAP Improvements

Greenacres, Florida

Dillman Trail was a Palm Beach County TAP (Transportation Alternatives Project) funded FDOT LAP project through the City of Greenacres as the local agency for a 3,964 linear foot meandering 12' wide multi-use pathway and associated drainage swale, landscape, and irrigation system running north south connecting pathways between State Road 882 Forest Hill Boulevard and Dillman Road. The project required careful coordination with Lake Worth Drainage District as the project runs along and adjacent to the LWDD OPC canal. During the LAP process, Craven Thompson worked with Ramon Alvarez and Mya Williams with FDOT on the project.

Craven Thompson provided Surveying, Landscape Architecture, Irrigation, Engineering and electrical services for the Dillman Trail Linear Pathway.





Greenacres 2nd Street Roundabout & Sidewalk Improvements, *Greenacres, Florida*

The primary intent of the project was to connect various segments of sidewalk at locations throughout the City. A roundabout was constructed at the intersection of Swain Boulevard and 2nd Street to replace a four-way stop. This work also required adjustment of pavement adjacent to new walks at intersections as well as ADA railing and ramps for walks. Pavement marking and signage of paved areas was included in this work. Additionally, grading of swales and embankments along roadsides and the placement and establishment of new sod in these areas was required along with some minor associated drainage work. Tree removal, curbing, and adjustment of utility structure lids will also be incidental and required to perform this work. Craven Thompson performed the surveying, civil engineering, landscape architecture, permitting, and CEI services.

Project Role: Prime Consultant

Timeline: 2019-2022

CTA's Fees: \$198,300.00

Construction Cost:

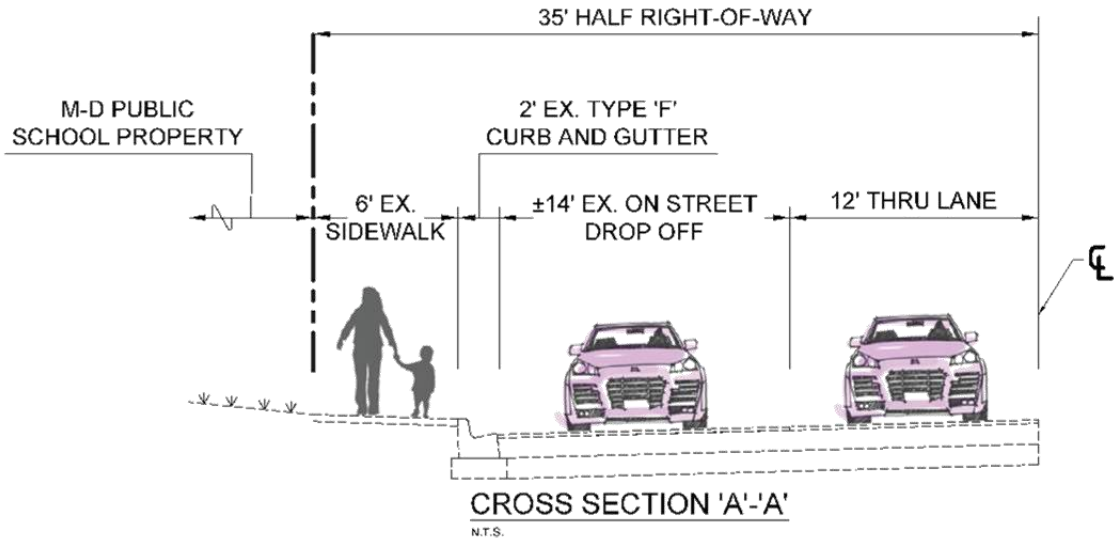
\$1,782,497.00

Client Contact

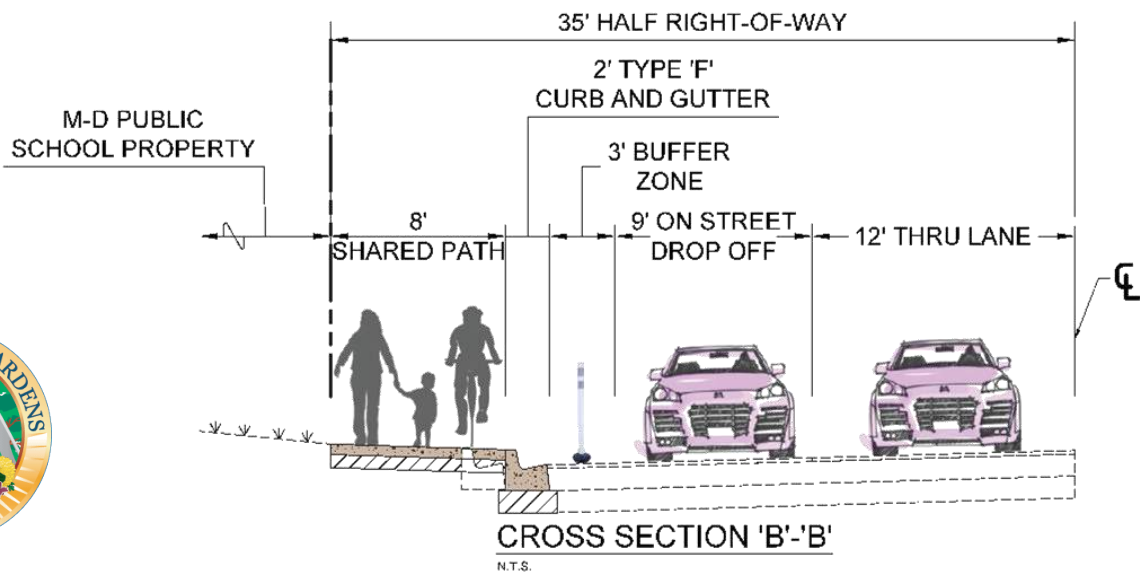
Ibrahim Younis, PMP
 Public Work Construction Manager
 City of Greenacres
 5750 Melaleuca Lane
 Greenacres, Florida 33463
 Phone: (561) 790-6191
 Email: iyounis@greenacresfl.gov



EXISTING CONDITIONS



PROPOSED IMPROVEMENTS



Project Role: Prime Consultant

Timeline: 2022 - Estimated 2025

Craven Thompson's Fees

\$287,240.00

Construction Cost

\$850,000.00

Client Contact

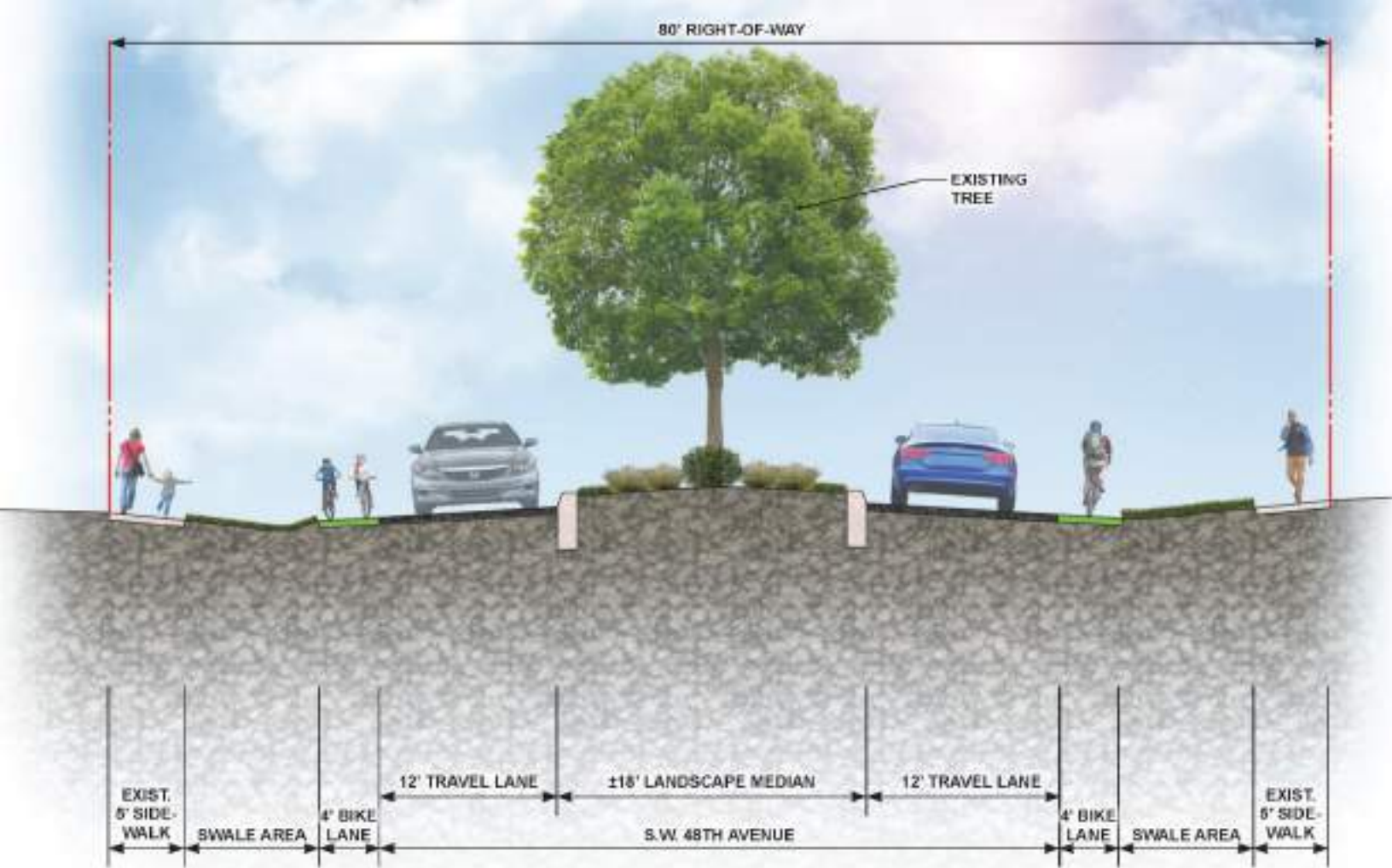
Bernard Buxton-Tetteh
Assistant Public Works Director
City of Miami Gardens
1515 NW 167th Street,
Building 5, Suite #200
Miami Gardens, Florida 33169
(305) 622-8031

Bbuxton-tetteh@miamigardens-fl.gov

NW 191st Street to Betty T. Ferguson Bikeway Trail, LAP Project, Miami Gardens, Florida

Local Agency Program (LAP) funded project that completed the pedestrian and bike lane connectivity within the City of Miami Gardens from the Blueway Trail west of NW 37th Avenue to the Betty T. Ferguson Recreational Complex along NW 191st Street. The project includes installation of a 10-foot-wide pathway, new bike lanes, roadway re-configuration, streetscape removal and mitigation, bonneted bat survey and drainage system restoration and permitting. Craven Thompson provided surveying, landscape architecture, civil engineering and coordinated and administered the LAP processing on behalf of the City and designed and permitted the drainage improvements and the modifications to accommodate the pedestrian-cyclist shared path for the one-mile roadway improvements.





Project Role
Prime Consultant

Timeline
2022 - 2024

Estimated Construction Cost
\$2.5 Million - \$3 Million

Craven Thompson's Fees
\$304,615.00

Client Contact
Gregory Perry, PE
Engineering & Construction Director
City of West Park
1965 S. State Road 7
West Park, Florida 33023
(954) 989-2688
gperry@cityofwestpark.org

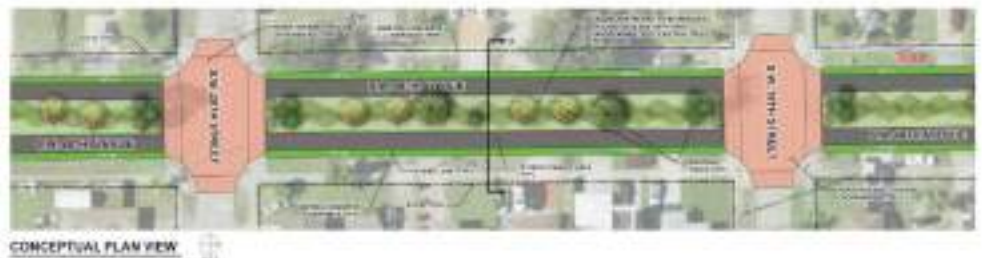


SW 48th Avenue Complete Street Improvements

West Park, Florida

Craven Thompson is providing design of the SW 48th Avenue for a roadway upgrade and re-alignment from County Line Road to Pembroke Road. The 1.5-mile complete street improvement includes roadway milling and resurfacing, drainage, pavement construction, ADA compliant sidewalks, traffic calming device, bike lanes, signing and pavement markings, and landscaping. The intent of the project is to provide a resilient and safer roadway for residents and businesses. Craven Thompson services include surveying, landscape, irrigation, and civil engineering. The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, and speed lumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, signage, drainage and pavement marking & signage.

The project is Broward Surtax project.

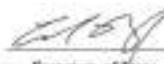


Tab C: Firm Qualifications and Experience

Firm's, Licenses, Certifications

Detail by Entity Name
Florida Profit Corporation
R.J. BEHAR & COMPANY, INC.
Filing Information
Document Number: P9900088184
FEIN Number: 65-0954070
Date Filed: 10/04/1999
State: FL
Status: ACTIVE
Principal Address
6861 SW 198TH AVENUE
302
PEMBROKE PINES, FL 33332
Changed: 03/05/2001
Mailing Address
6861 SW 198TH AVENUE
302
PEMBROKE PINES, FL 33332
Changed: 03/05/2001
Registered Agent Name & Address
KRAKOWER, EVAN RESQ
10061 NW 1ST COURT
PLANTATION, FL 33324

R.J. Behar & Company, Inc.
FL Corporation No.: P9900088184
FEIN No.: 65-0954070; Date Filed: 10/04/1999
Status: ACTIVE

**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 P9900088184.
I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report and/or business license report was filed on January 1, 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: 1489080773
To authenticate this or other vital documents, please visit our website and click on the link to the left.
<https://www.sunbiz.org/Filing/CertificateOfStatus/CertificateOfStatus.aspx>

**Certificate of Status
Expiration: 12/31/2025**

**Department of Business and Professional Regulations
Professional License No: 8365 / Expires: 02/28/2027**

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



Florida Department of Transportation

675 Semoranee Street
Tallahassee, FL 32309-6450

JARED W. HERRICK, P.E.
SECRETARY

RON DEANSEN
GOVERNOR

July 09, 2025

Robert J. Behar, President/CEO
R. J. BEHAR & COMPANY, INC.
6861 SW 199th Avenue
Suite 302
Pembroke Pines, FL 33092
rjbehar@rjbehar.com

Dear Mr. Behar:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design
- 4.1.1 - Miscellaneous Structures
- 4.1.2 - Minor Bridge Design
- 5.1 - Conventional Bridge Inspection
- 8.1 - Traffic Engineering Studies
- 8.2 - Traffic Signal Timing
- 7.1 - Signing, Pavement Marking and Channelization
- 7.2 - Lighting
- 7.3 - Signalization
- 10.1 - Roadway Construction Engineering Inspection
- 13.3 - Policy Planning

1

Florida Department of Transportation
Technically Prequalified
Date: 07/09/2026

- 13.4 - Systems Planning
- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering
- 13.7 - Transportation Statistics

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2026 for contracting purposes.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Field Direct Expense	Published Fee Schedule
192.99%	158.43%	1.688%	Excluded	1.72%	0.06%	No

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOTPSPrequalification@dot.state.fl.us.

Sincerely,

Philip Potts
Professional Services Qualification Administrator
PP/DH



South Florida Water Management District
Small Business Enterprise (SBE)
Period: 2/22/2025, to 2/22/2028

Florida Statewide Certification
Minority Business Enterprise (MBE)
1/01/2025 To 1/02/2027



RJ Behar Staff's Licenses and Certifications

Paola Riveros, PE
License No.: PE74249 – Expires: 2/28/2027



Robert J. Behar, PE
License No.: PE21755 – Expires: 2/28/2027



Hans J. Murzi, PE
License No.: PE67767 – Expires: 2/28/2027



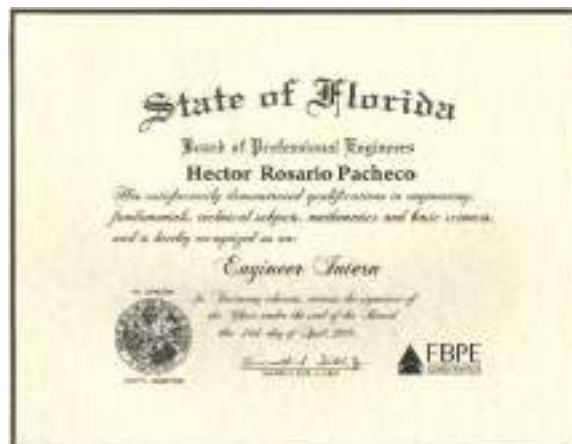
Elmer Cardenas, PE
License No.: PE62988 – Expires: 2/28/2027



Nestor Santana, PE
License No.: PE85785 – Expires: 2/28/2027



Hector Rosario, EI – No.:1100022580



Paola Riveros, PE – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification:641267 – Expires: 4/22/2029



Robert J. Behar, PE – FDOT Approved Temporary Traffic Control (TTC): Advanced Course Certification: 614222 – Expires: 8/24/2027



Nanette Akyaz-Gómez – LEED AP Neighborhood Development – Certificate ID.: 11412090-AP-ND Expiration: 12/27/2026



Nanette Akyaz-Gómez – FDOT Approved Temporary Traffic Control (TTC): Advanced Course – Expiration: 01/13/2027



Nestor Santana, PE – FDOT Approved Temporary Traffic Control (TTC): Advance Course – Expires: 06/29/2027



CTQP Training History Report **Nestor Santana, PE**

Report for: Nestor Santana
Trainee ID: 71540
TIN: S53563668****
Email: a*****a@rjbehar.com
Report Date: 10/16/2025

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

Pending Qualifications
 No Matching Pending Qualification Records Found

CTQP Training History Report **Stacy Sookdew-Sing**

Report for: Stacy Sookdew-Sing
Trainee ID: 45818
TIN: S23278171****
Email: s****g@rjbehar.com
Report Date: 10/16/2025

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

Pending Qualifications
 No Matching Pending Qualification Records Found

CTQP Training History Report **Thalia Santana**

Report for: Thalia Santana
Trainee ID: 100005954
TIN: S23422281****
Email: t*****a@rjbehar.com
Report Date: 10/16/2025

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

Pending Qualifications
 No Matching Pending Qualification Records Found

Subconsultant's Certifications and Licenses



WGI, Inc.

FL Corporation No.: S66593

FEIN No.: 65-0271367; Date Filed: July 12, 1991

Department of State / Division of Corporations / Search Records / Search by Entity Name

Detail by Entity Name

Florida Profit Corporation

WGI, INC.

Filing Information

Document Number: S66593
 FEVEIN Number: 65-0271367
 Date Filed: 07/12/1991
 State: FL
 Status: ACTIVE
 Last Event: AMENDMENT
 Event Date Filed: 12/17/2020
 Event Effective Date: NONE

Principal Address

2035 VISTA PKWY
 WEST PALM BEACH, FL 33411

Changed: 01/09/2017

Mailing Address

2035 VISTA PKWY
 WEST PALM BEACH, FL 33411

Changed: 01/09/2017

Registered Agent Name & Address

FONTAINE, KATE
 2035 VISTA PKWY
 WEST PALM BEACH, FL 33411



Certificate of Status
 Expiration: 12/31/2025

FIND A BUSINESS OR INDIVIDUAL
License Lookup
AS PURCHASED BY THE DIVISION OF BUSINESS SERVICES

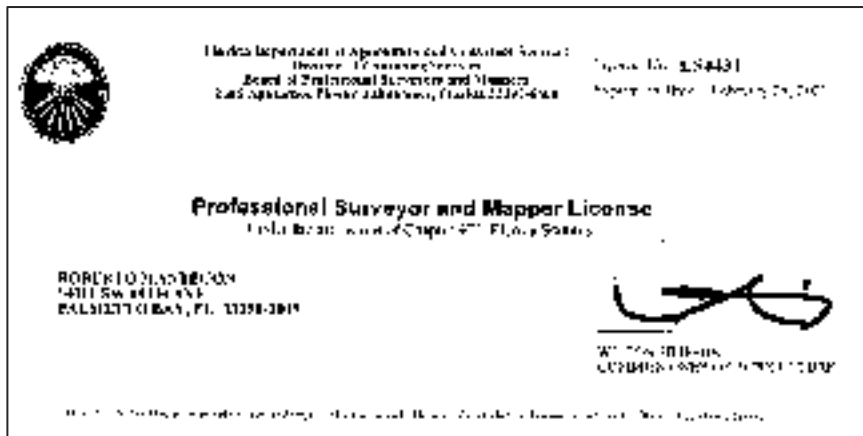
Name: WGI, INC. License No.: LB7055 Phone: City: West Palm Beach
 County: PALM BEACH Program: LS-Surveyor and Mapper Limit results by Active status

Records Found: 1 [File Complaint](#)

Sort By: NAME A to Z Filter By: State, City Display per page: 20

License Type	License#	Issued	Expires	Status
Surveyor Business	LS7055	09/29/00	02/28/27	Active
Surveyor of Record	LS8187	08/08/02	02/28/27	Active
Surveyor of Record	LS8717	02/10/09	02/28/27	Active

Florida Department of Agriculture and
 Consumer Services
 Surveyor Business LB7055
 Expires: 02/28/2027



Roberto Mantecon, PSM
License No.: LS4431
Expiration: 02/28/2027



Florida Department of Transportation
Technically Prequalified
Date: July 27, 2026

10.1 - Roadway Construction Engineering Inspection

13.3 - Policy Planning
13.4 - Systems Planning
13.5 - Safety/Corridor Planning
13.6 - Lane Planning/Engineering
13.7 - Transportation Graphics

14.0 - Architect

15.0 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2026 for contracting purposes.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money (FCOM)	Premium Overline	Home Direct Expense	Field Direct Expense	Published Fee Schedule
225.18%	148.29%	1.512%	Reimbursed	3.82%	2.77%	no

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOT-ProfessionalServices@dot.state.fl.us.

Sincerely,
Philip Pitts
Philip Pitts
Professional Services Qualification Administrator
PP/VG



Wendy Cyriacks
Qualified Stormwater Management Inspector

Trenton Snyder –
Qualified Stormwater Management Inspector

Trenton Snyder – Briggs Environmental Lab – FDEP/
Basic Wetland Identification and Delineation Certificate



Trenton Snyder – EnviroCert International, Inc.
Certified Professional in Erosion and Sediment Control

Trenton Snyder – EnviroCert International, Inc.
Certified Professional in Erosion and Sediment Control



Shannon Kelley – US Army Corps of Engineers
South Florida Association of Environmental
Professionals – SFAEP Wetland Delineation Training-



Shannon Kelley
Qualified Stormwater Management Inspector



Shannon Kelley – State of Florida – Department of
Management Services – Florida Certified Contract
Manager

Shannon Kelley – T. Richardson Soils & Environmental
4 Hour Introduction to Hydric Soils Workshop
Training and 4 Hour Advanced Hydric Soils Training



Kevin Cash – 20 Hours of Professional Development
Society of Wetland Scientists, Professional
Certification Program, Inc.

Kevin Cash
Qualified Stormwater Management Inspector



Kevin Cash – T. Richardson Soils & Environmental
4 Hour Introduction to Hydric Soils Workshop
Training and 4 Hour Advanced Hydric Soils Training



Kevin Cash – South Florida Association of
Environmental Professionals – FDEP SOP Sampling
Training Certificate



Shannon Kelly – Florida Fish and Wildlife Conservation Commission – RAG-22-00041

Kevin Cash – Florida Fish and Wildlife Conservation Commission – RAG-22-00040

Approved Registered Agents Permit – Burrowing owl observations, burrow scoping and inactive burrow excavation.

Subject: FW Approved Registered Agent Permit

From: "Bernhart, Josephine" <josephine.bernhart@fwc.com>
Date: August 2, 2022 at 10:30:50 PM EDT
To: Kevin.Cash@trsoils.com
Cc: WildlifePermits <WildlifePermits@fwc.com>
Subject: Approved Registered Agent Permit

August 2, 2022
RE: RAG-22-00041

Hello Shannon Kelley,
Your proof of meeting the minimum qualifications (submitted on July 13, 2022) for the following wildlife activities: burrowing owl observations, burrow scoping and inactive burrow excavation are deemed sufficient and are hereby approved. Burrows may not be scoped during initial site surveys. You may only perform the above wildlife activities (e.g. burrow scoping, excavating, and collapsing) after you have obtained a valid Listed Species Incidental Take permit for the site.

Please provide only your registered agent permit number RAG-22-0040 on all future burrowing owl listed species incidental take applications. Feel free to contact me or Jo Barnhart at (850) 921-5990 or WildlifePermits@fwc.com should you have any questions or require further assistance.

Josephine Barnhart
Florida Fish and Wildlife Conservation Commission
Wildlife Diversity Conservation Section
620 S. Meridian Street, Mail Station 2A
Tallahassee, FL 32399-1000
(850) 921-3818

Subject: FW Approved Registered Agent Permit

From: "Bernhart, Josephine" <josephine.bernhart@fwc.com>
Date: August 2, 2022 at 1:30:39 PM EDT
To: Kevin.Cash@trsoils.com
Cc: WildlifePermits <WildlifePermits@fwc.com>
Subject: Approved Registered Agent Permit

August 2, 2022
RE: RAG-22-00040

Hello , Kevin Cash,

Your proof of meeting the minimum qualifications (submitted on July 13, 2022) for the following wildlife activities: burrowing owl observations, burrow scoping and inactive burrow excavation are deemed sufficient and are hereby approved. Burrows may not be scoped during initial site surveys. You may only perform the above wildlife activities (e.g. burrow scoping, excavating, and collapsing) after you have obtained a valid listed species incidental take permit for the site.

Please provide only your registered agent permit number RAG-22-0040 on all future burrowing owl listed species incidental take applications. Feel free to contact me or Jo Barnhart at (850) 921-5990 or WildlifePermits@fwc.com should you have any questions or require further assistance.

Josephine Barnhart
Florida Fish and Wildlife Conservation Commission
Wildlife Diversity Conservation Section
620 S. Meridian Street, Mail Station 2A
Tallahassee, FL 32399-1000
(850) 921-1018



Department of State / Division of Corporations / Search Records / Search by Entity Name /

Archaeological Consultants, Inc.
FL Corporation No.: 501251
FEIN No.: 59-1712538; Date Filed: April 14, 1976
Status: ACTIVE

Detail by Entity Name

Florida Profit Corporation
ARCHAEOLOGICAL CONSULTANTS, INCORPORATED

Entity Information

Document Number: 501251
FEIN Number: 59-1712538
Date Filed: 04/14/1976
State: FL
Status: ACTIVE
Last Event: AMENDED AND RESTATED ARTICLES
Event Date Filed: 01/08/2019
Event Effective Date: NONE

Physical Address

8110 BLAIKIE COURT
SUITE A
SARASOTA, FL 34240

Changed: 09/25/2002

Mailing Address

8110 BLAIKIE COURT
SUITE A
SARASOTA, FL 34240

Changed: 05/25/2002

Registered Agent Name & Address

ALMY, MARION M
8110 BLAIKIE COURT
SUITE A
SARASOTA, FL 34240

2025 FLORIDA PROFIT CORPORATION ANNUAL REPORT
Filed: Mar 21, 2025
Secretary of State
2025032411400

Entity Name: ARCHAEOLOGICAL CONSULTANTS, INCORPORATED
Document Filed: Amended and Restated Articles
Document Date Filed: 01/08/2019
Document Effective Date: NONE

Current Mailing Address:
8110 BLAIKIE COURT
SUITE A
SARASOTA, FL 34240

FE Number: 59-1712538
Certificate of Status Details: No

NAME AND ADDRESS OF CURRENT REGISTERED AGENT
ALMY, MARION M
8110 BLAIKIE COURT
SUITE A
SARASOTA, FL 34240

Number of Members: 1
Number of Officers: 1
Number of Directors: 1

Officers/ Directors/ Status

Name	Title	Status
ALMY, MARION M	OFFICER	ACTIVE

Signature of Registered Agent: _____ Date: _____

2025 Florida Profit Corporation Annual Report
Filed: Mar 21, 2025

Florida UCP DBE Directory				
Number of Vendors Returned: 1				
Selection Criteria:				
Vendor : ARCHAEOLOGICAL CONSULTANTS INC				
Vendor Name:	ARCHAEOLOGICAL CONSULTANTS INC			
DBE: CERTIFIED	MBE: CERTIFIED	ACDBE Status: N	SBE: Y	Avail Statewide: Y
Business Description: ARCHEOLOGICAL/HISTORICAL SERVICES				
Mailing Address: 8110 BLAIKIE COURT SUITE A SARASOTA FL 34240				
Contact Name:	MARION ALMY	Phone:	(941)379-6206	Fax: (877)351-2501
Email:	TCRAWFORD@ACIFLORIDA.COM	Web Site:		
Certified NAICS				
541720	Research and Development in the Social Sciences and Humanities			

Florida UCP DBE Directory:
DBE/MBE/SBE: Yes –
Available Statewide

Detail by Entity Name
Florida Profit Corporation
AREHNA ENGINEERING INC.

Filing Information
Document Number: P08000110763
FEIN Number: 26-3947444
Date Filed: 12/24/2008
Effective Date: 01/01/2009
State: FL
Status: ACTIVE

Postal Address
5012 W LEMON STREET
TAMPA, FL 33609

Changed: 09/25/2018
Mailing Address
5012 W LEMON STREET
TAMPA, FL 33609

Changed: 09/25/2018
Registered Agent Name & Address
MCRORY, JESSICA
3415 HEARDS FERRY DR.
TAMPA, FL 33618



AREHNA Engineering, Inc.
FL Corporation No.: P08000110763
FEIN No.: 26-3947444; Date Filed: 12/24/2008/Effective Date: 01/01/2009
Status: ACTIVE

**State of Florida
Department of State**

I certify from the records of this office that AREHNA ENGINEERING INC. is a corporation organized under the laws of the State of Florida, filed on December 24, 2008, effective January 1, 2009.

The document number of this corporation is P08000110763.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/annual business report was filed on January 2, 2023, 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, 2023.



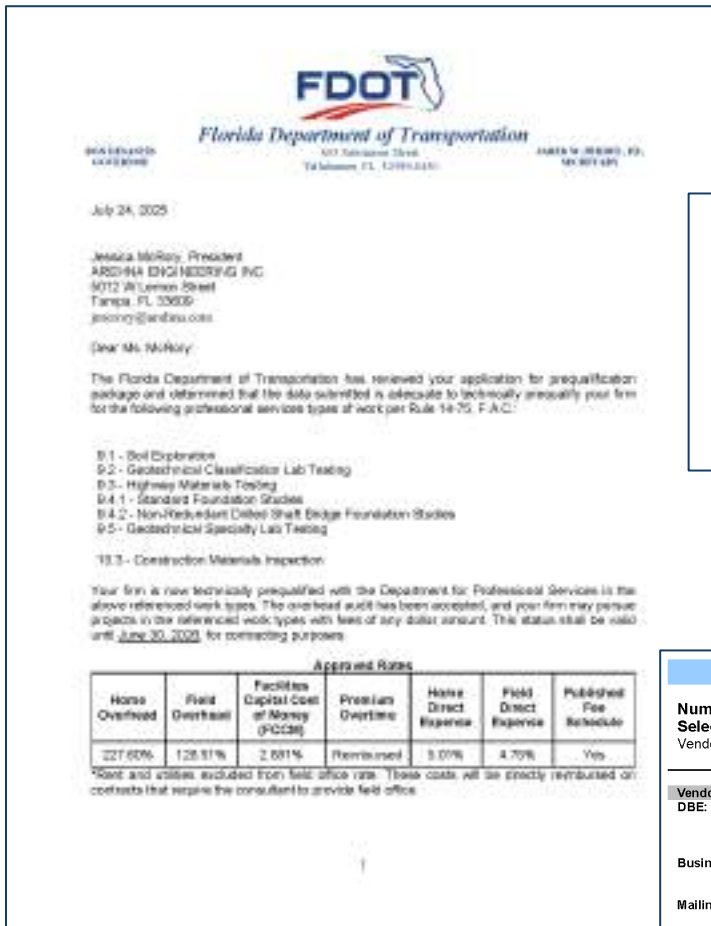
[Signature]
Secretary of State

Tracking Number: 41 542 28817
To authenticate this certificate visit the following web site this website, and that unless the website says "copy", the website is not for sale.
http://www.sunbiz.org/Display/Corporate/Default.aspx?entid=263947444

Certificate of Status
Expiration: 12/31/2025

Department of Business and Professional Regulations
Professional License No: 28410 / Expires: 02/28/2027

Licensee						
Name:	AREHNA ENGINEERING, INC.		License Number:	28410		
Rank:	Registry		License Expiration Date:			
Primary Status:	Current		Original License Date:	02/19/2009		
Related License Information						
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
68440	Current, Active	MCRORY, JESSICA ANN	Registry	02/19/2009	Professional Engineer	02/28/2027



AREHNA Engineering, Inc.
Florida Department of Transportation
Technically Prequalified
Date: July 24, 2026



Florida UCP DBE Directory:
DBE/MBE: Yes – Available Statewide

Florida UCP DBE Directory	
Number of Vendors Returned:	1
Selection Criteria:	Vendor : AREHNA ENGINEERING INC
Vendor Name:	AREHNA ENGINEERING INC
DBE:	CERTIFIED
MBE:	CERTIFIED
ACDBE Status:	N
SBE:	N
Avail Statewide:	Y
Business Description:	GEOTECHNICAL ENGINEERING, CONSTRUCTION MATERIALS TESTING AND INSPECTION SERVICES
Mailing Address:	5012 W LEMON ST TAMPA FL 33609
Contact Name:	JESSICA MCRORY
Phone:	(813)944-3464
Fax:	(813)944-4959
Email:	JMCRORY@AREHNA.COM
Web Site:	
Certified NAICS	541330 Engineering Services 541380 Testing Laboratories and Services 541990 All Other Professional, Scientific, and Technical Services

Jessica Ann McRory, PE
License No.: PE68440 – Expires: 2/28/2027



Angela L Alba, PE
License No.: PE58538 – Expires: 2/28/2027





Detail by Entity Name
Florida Profit Corporation
CRAVEN, THOMPSON & ASSOCIATES, INC.

Filing Information

Document Number: 254407
FEIN Number: 59-0948029
Date Filed: 01/01/1962
State: FL
Status: ACTIVE
Last Event: AMENDED AND RESTATED ARTICLES
Event Date Filed: 10/17/1994
Event Effective Date: NONE

Extrajural Address
3583 NW 53RD STREET
FORT LAUDERDALE, FL 33309

Changed: 09/14/1990

Mailing Address
3583 NW 53RD STREET
FORT LAUDERDALE, FL 33309

Changed: 09/14/1990

Registered Agent Name & Address
MCDONALD, THOMAS Michael
3583 NW 53RD ST
FT LAUDERDALE, FL 33309

Craven Thompson & Associates, Inc.
FL Corporation No.: 254407
FEIN No.: 59-0948029; Date Filed: 01/01/1962
Status: ACTIVE

**State of Florida
Department of State**

I certify from the records of this office that CRAVEN, THOMPSON & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on January 1, 1962.

The document number of this corporation is 254407.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/annual business report was filed on January 7, 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 Seventh day of January, 2025.



[Signature]
Secretary of State

Tracking Number: 1560002250

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<http://www.sunbiz.org/links/ealerts/ealerts.htm>

Certificate of Status
Expiration: 12/31/2025

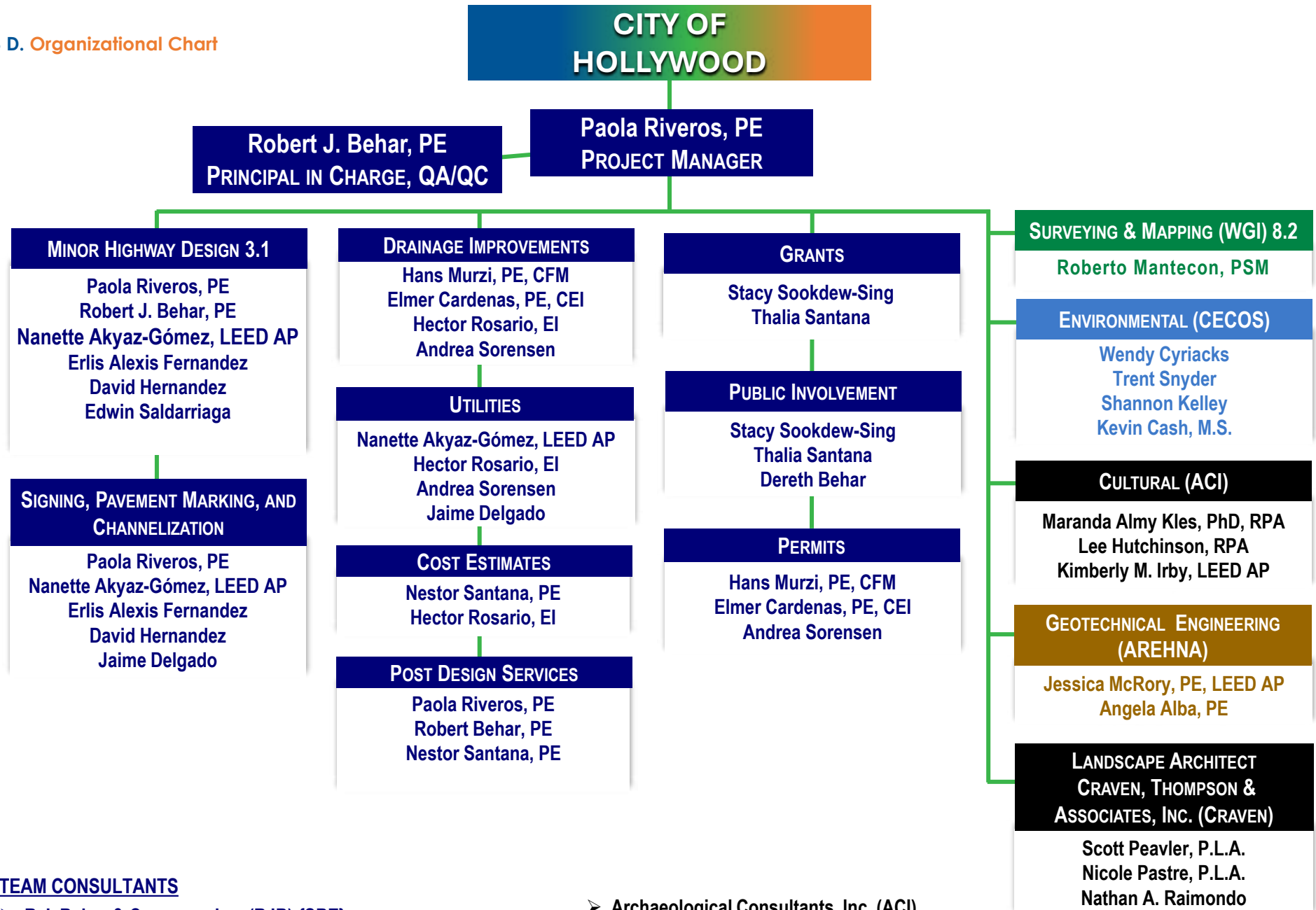
Department of Business and Professional Regulations
Professional License No: LA6666976 / Expires: 11/30/2025

Licensee						
Name:	PEAVLER, SCOTT WADE		License Number:	LA6666976		
Rank:	Registered Landscape Architect		License Expiration Date:	11/30/2025		
Primary Status:	Current		Original License Date:	10/16/2008		
Secondary Status:	Active					
Related License Information						
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
	Current, Active	CRAVEN, THOMPSON & ASSOCS INC	Landscape Architect	11/08/2023	Landscape Architecture Business Info	

TAB D: Organizational Profile and Project Team Qualifications



TAB D. Organizational Chart



TEAM CONSULTANTS

- R.J. Behar & Company, Inc. (RJB) {SBE}
- WGI, Inc. (WGI)
- Cyriacks Environmental Consulting Services, Inc. (CECOS) {SBE}

- Archaeological Consultants, Inc. (ACI)
- AREHNA Engineering, Inc. (AE) {SBE}
- Craven, Thompson & Associates, Inc. (Craven)



PAOLA RIVEROS, PE
**PROJECT MANAGER – MINOR HIGHWAY DESIGN 3.1,
SIGNING, PAVEMENT MARKING, POST DESIGN SERVICES**

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

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, and landscaping projects. Ms. Riveros is well-versed in the use of AdICPR, ASAD, and HEC-RAS for stormwater and hydraulics design and OpenRoads software for roadway design and electronic delivery of Florida Department of Transportation (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 junior engineers and technicians on several projects. She was recipient of the Governor's Project Team Award for her participation as Project Manager on the I-95 Project Development & Environmental (PD&E) Study from Stirling Road to Oakland Park Boulevard.

RELEVANT EXPERIENCE

Cresthaven Boulevard from Jog Road to Military Trail Local Agency Program (LAP) Project, Palm Beach County, Florida – Palm Beach County Roadway Division

Project Manager: The project 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. This was a Federally Funded Project.

Pine Island Road from Griffin Road to Nova Drive Mobility Advancement Program (MAP) Broward County, Florida – Broward County Highway Construction and Engineering Division

Project Engineer: The proposed project improvements included reconstructing the existing roadway from four to six lanes, with a shared use path/bike lanes in each direction. Additional improvements included new drainage, bridge widening, signalization, signing and pavement markings, lighting, a bulkhead wall along the canal, permitting, and landscaping. This project was funded via the Broward County Surtax Program.

SW 136th Street from US-1 to Old Cutler Road LAP Project, Miami-Dade County, Florida – Village of Palmetto Bay/FDOT, District 6

Project Engineer responsible for designing the roadway plans, pavement marking and signing plans, utility coordination, drainage design and permitting. The improvements required milling and resurfacing the existing roadway and pavement widening to accommodate an on-road dedicated bicycle lane. The primary challenge for this project was to accommodate the proposed sidewalks and bicycle lanes in a constrained right-of-way corridor.

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

Project Manager: The project included project management, investigation, analysis, permitting, utility coordination, roadway and drainage design, signing and pavement marking improvements, adding bike lanes where possible, and adding sharrows where bike lanes could not be constructed.

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. The project included the design of 4' wide bicycle lanes in both directions.

Pedestrian Improvements on SR-845/Powerline Road and NW 13th Street TWO 44, Broward County, Florida – FDOT, District 4

Project Manager responsible for the design of adding high emphasis crosswalks and pedestrian signals. The project



included the design of pedestrian ADA ramps with detectible surface, utility coordination, and post design services.

NW 21st Court from NW 36th Street to NW 38th Street, Miami-Dade County, Florida – City of Miami

Project Manager responsible for roadway milling and resurfacing, drainage improvements, new sidewalks where required, ADA ramps, signing and pavement markings, and permitting.

Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County, Florida – 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 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). Other improvements include signing and pavement marking, lighting and landscape.

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

Project Manager who was responsible for the interchange improvements, which included a Level IV CAP, six typical sections, pavement design, access management, TTCP plans, temporary lighting on all ramps, drainage, utility coordination, environmental permits, signing and marking plans, signalization and complete management of all subconsultants. The project included widening of ramps 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.

NW 4th Street between NW 202nd Avenue and NW 208th Avenue, Broward County, Florida – City of Pembroke Pines

Project Manager/Engineer of Record: She was responsible for field reviews, civil plans, and geometric design. The scope of services included electrical plans, permitting and coordination with City, utility coordination, cost estimates, quantities, specifications, and post design services.

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. The scope also included design of an 8-inch ductile iron waterline through a Joint Project Agreement (JPA).

Districtwide Traffic Operations Minor Design, Broward County, Florida – FDOT, District 4

Project Manager of the districtwide contract involving the following projects: intersection improvements, warning signs and flashing beacons, detectable warning installations, ADA ramps, green color bicycle lane retrofit, lane management, traffic studies, assessment reports, bus shelter, internally illuminated signs, rectangular rapid flashing beacons, retrofit for protective left turn lanes, audible pedestrian signalization, structural analysis for mast arms, mast arm replacement, signalized pedestrian crosswalk, pedestrian hybrid beacons to midblock pedestrian signals. She completed 49 task work orders under this contract.

I-595 Mobility Hub Park and Ride, Broward County, Florida – FDOT, District 4

Project Manager: She was responsible for project management, parking lot design, drainage design, and signing and pavement markings. The scope of work included modifying the mobility hub to increase and maximize the number of parking slots, review the Reese Road connection to improve access control, and improve circulation. These improvements will require modifications to the existing drainage, lighting, signing and pavement markings, and landscaping. She was also responsible for the preparation of a Community Awareness Plan, preparing Flyers, and attending a public meeting. The site design included preparing a master plan of the proposed improvements for review and approval by FDOT. Once the master plan was approved, the design included geometric design, quantities, specifications, cost estimates, drainage design and drainage plans, signing and marking design and plans, lighting design and plans, utility coordination, and preparing the required permit modifications.

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.



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

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 Drive from Griffin Road to Nova Drive, Town of Davie, 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 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.

Miscellaneous Engineering Services, Miam-Dade County, Florida – City of Miami

Principal in Charge/Project Manager: RJ Behar has provided full design services including, planning and design services; evaluation of proposed alternatives; public meetings; detailed assessments and recommendations; utility coordination; cost estimates; opinions of probable construction cost; review of work prepared by subconsultants and other Consultants; field investigations and observations; permitting; post design services; construction documents, and construction administration services.

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

Project Manager/Engineer of Record responsible for the complete design of the roadway plans, drainage plans, 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 drainage wells and outfall. The project included the design of 4’ wide bicycle lanes in both directions.

SW 136th Street from US-1 to Old Cutler Road LAP Project, Miami-Dade County, Florida – Village of Palmetto Bay/ Florida Department of Transportation (FDOT), District 6

Project Manager/Engineer of Record responsible for the design of the roadway plans, pavement marking and signing plans, utility coordination, drainage design and permitting. The improvements will require milling and resurfacing the existing roadway and pavement widening to accommodate an on-road dedicated bicycle lane. The primary challenge for this project was to accommodate the proposed sidewalks and bicycle lanes in a right-of-way constrained corridor.

NW 87th Avenue, Miami-Dade County, Florida – 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. The NW 87th Avenue project included a Shared Use bicycle lane, also known as a “Sharrow”. The Shared Use bicycle lane was accomplished by utilizing a 14-foot wide outside travel lane that will be shared by bicyclists and motorists. Project length: 1.90 miles ±



NW 35th Avenue Greenway Enhancement FDOT Local Agency Program (LAP) Project – City of Lauderhill, Florida

Principal in Charge for the conversion of a jogging path to a Greenway from NW 35th Avenue from North Broward Boulevard to NW 5th Place within the City of Lauderhill. The project included decorative elements to the existing asphalt jogging path/trail on the east side of the corridor, along three sections of NW 35th Avenue. As part of the community enhancement features project, there were pedestrian and bicycle improvements, decorative lighting, ADA compliant sidewalks and curb ramps, landscaping, irrigation, roadway signage, pavement markings, including bicycle lane striping, and street furniture.

Miami River Greenways, Segment D, Miami-Dade County, Florida – City of Miami

Principal in Charge – The project consists of the reconstruction of an existing roadway segment along the Miami River to produce a scenic, landscaped, pedestrian/bicycle walkway/greenway. The project includes the design of a drainage system with wells, decorative lighting and landscape/hardscape design.

Townwide Sidewalk Master Plan, Miami-Dade County, Florida – Town of Medley

Principal in Charge – The scope of this study included developing a sidewalk master plan to serve as a long-term planning document that would improve pedestrian connectivity, address American with Disabilities Act (ADA) requirements, and identify sidewalk repairs, prioritize projects, while accommodating population growth, future land use, and enhancing multimodal regional connectivity. The sidewalk master plan was developed based on research of existing sidewalk conditions, public input, planning and engineering analysis, and socio-economic conditions of the Town of Medley.

W. 76th Street from Hialeah Gardens Boulevard to W. 36 Avenue, Miami-Dade County, Florida – City of Hialeah

Project Manager who was responsible for the lighting design calculations and lighting plans; signing, marking and channelization plans as well. The scope of this project consisted of roadway reconstruction and some milling and resurfacing of a two-lane road, curb and gutter type F, valley gutter, new sidewalks, on-street parking, exfiltration drainage systems, storm sewers, sodding, signing, pavement markings, and roadway lighting. This is part of the continuous neighborhood improvement program the City has been conducting for years. Under this program RJ Behar has completed more than 50 miles of City street improvements.

NE 15th Avenue Streetscape, Broward County, Florida – City of Fort Lauderdale

Project Manager – The project included master plan and public involvement for a 1.0 mile roadway. Resurfacing plans, marking and signing plans, landscape plans were included.

Design-Build for SW 196th Avenue/Pembroke Road, Roadway Improvements, Broward County, Florida – City of Pembroke Pines

Project Manager: The scope of this project consisted of designing a two-mile rural section collector and arterial. The project included complex drainage, permitting, wetland mitigation, extensive earthwork with the use of Geogrid to avoid extensive demucking. The project also included sidewalks and twin culverts. RJ Behar provided support during construction. The Contractor was Weekley Asphalt.

SR-932/W/E 49th Street (NW 103rd Street from W. 2nd Avenue to E. 10th Avenue) Miami-Dade County, Florida – FDOT, District 6

Quality Assurance/Officer in Charge – The scope included milling and resurfacing and ADA pedestrian ramp upgrade length: 1.576 miles. RJ Behar produced all the roadway design plans, pavement marking and signing, lighting, drainage, utility coordination and permitting.

SR-5/Biscayne Boulevard from N of NE 121st Street to NE 151st Street, Miami-Dade County, Florida-FDOT District 6

Principal in Charge: The scope of services includes milling and resurfacing, signing and pavement markings, traffic control plans and ADA and pedestrian features upgrades, with improved signalization configuration at SW 135th Street.

SR-5/US-1 Resurfacing, Boca Raton, Florida, Palm Beach County, Florida – FDOT District 4

Project Manager – The scope of this project consisted of milling and resurfacing the existing pavement; upgrading the signal pedestrian features to current ADA (American with Disabilities Act) standards, new signing and pavement markings with upgraded landscaping.

E. 33rd Street, E. 7th Avenue, Miami-Dade County, Florida – City of Hialeah

Project Manager/Engineer of Record - The project included field visits and the preparation of signing & marking plans.

Stormwater Master Plan, Miami-Dade County, Florida – City of Hialeah – Project Manager for the City's stormwater master plan. He coordinated with SFWMD, Miami-Dade County and City of Hialeah (client). The project included water quantity and quality analysis of the existing primary stormwater management system and evaluation of alternatives for addressing deficiencies. The EPA SWMM model was used for evaluations and spreadsheet Watershed Management Model was used to estimate pollutant loadings. Mr. Behar has been project manager of numerous neighborhood street reconstruction projects, which have implemented the recommendations of the stormwater master plan.

PROJECT ENGINEER – DRAINAGE IMPROVEMENTS, PERMITS



EDUCATION

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

YEARS OF EXPERIENCE

23 Years

YEARS WITH RJ BEHAR

2014 – Present

OFFICE LOCATION

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

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. The project included the design of 4' wide bicycle lanes in both directions.

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.

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 is responsible for the following group of tasks: Permit Reviews, Development Reviews, General Consulting Civil Engineering Services, and Inspections.

Engineering Continuing Contract, Broward County, Florida – Town of Davie

Project Manager: RJ Behar was contracted by the Town of Davie under a CCNA Continuing Contract to perform miscellaneous engineering services. He is responsible for land development/civil site, transportation planning, drainage engineering services and construction inspection.

Civil Engineering Services FY 21-22, Broward County, Florida – City of Pembroke Pines

Project Manager – The project includes the citywide pavement and marking inspections at multiple locations. 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.

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.

Revise Milling and Resurfacing for Public Works Parking Lot, Broward County, Florida – City of Coconut Creek

Project Manager responsible for the milling & resurfacing / reconstruction plans for the Public Works parking lot at 4900 W.

R. J. Behar & Company, Inc.



Copans Road. The City have identified some improvements to the parking lot which includes the addition of curb to some grass islands, bollards to protect light poles, replace an existing sidewalk that is in bad condition, provide a new 8' sidewalk on a green area located on the southeast corner of the Public Works parking lot, replace the existing rubber car stops, remove all anchors from the public works parking. The proposed pavement markings will be the same as existing with the follow modifications: Public works parking lot, provide diagonal parking instead of perpendicular parking on the southeast part of the maintenance building. RJ Behar will provide construction assistance including attending the pre-construction meeting, review shop drawings, respond to RFIs, and nine (9) field inspections during construction.

Public Works Surface Water License Modifications and Parking Lot Design, Broward County, Florida – City of Hallandale

Project Manager – 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.

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.

NE 3rd Street Drainage Mitigation, Broward County, Florida – City of Hallandale Beach

Project Manager to provide roadway and drainage design services for drainage flooding mitigation. The scope of work consisted of constructing new stormwater improvements for NE 1st Avenue and NE 2nd Avenue to improve the flooding problems. The improvements consist of a new collection system, new French drains, milling and resurfacing, paving markings, driveway reconstruction and regrading and sodding of swales. Project scope includes field reviews, data collection, drainage analysis, plans preparation, estimates, specifications, utility coordination, and permitting.

NW 49th Avenue Drainage Improvement Project, Broward County, Florida – City of Lauderdale Lakes

Project Manager/EOR for the study and design improvements at NW 49th Avenue. 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.

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 coordination, design, permitting, and bidding assistance for the replacement of a culvert bridge in the Oakhill neighborhood.

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. RJ Behar services included: Post Design Services and Construction Management Services. The design included structural design of seawall repairs for new outfalls.

Districtwide In-House Consultant Plans Review/Support Services, Fort Lauderdale, Florida – Florida Department of Transportation (FDOT) District 4

Drainage Engineer: He was responsible for reviewing the drainage plans. The project included reviews for compliance with FDOT criteria, construction time estimate preparation/review, review of computation booklets, specification packages, cost estimates, etc. The deliverables included review comments in the ERC database, marked-up plans, design exception variation reports, contract time estimates, traffic control plan review/constructability, quantity computations with pay item verifications, utility conflicts, right-of-way encroachments, etc.

Milling and Resurfacing of the Fleet and Police Parking Lots, Broward County, Florida – City of Coconut Creek

Project Manager/Engineer of Record who was responsible for 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.



EDUCATION

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

YEARS OF EXPERIENCE

37 Years

YEARS WITH RJ BEHAR

2014 – Present
2001 – 2004

OFFICE LOCATION

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

SW 136th Street from US-1 to Old Cutler Road LAP Project, Miami-Dade County, Florida – Village of Palmetto Bay/ Florida Department of Transportation (FDOT), District 6

Project Engineer responsible for assisting with the drainage design and permitting for this project. The improvements will require milling and resurfacing the existing roadway and pavement widening to accommodate an on-road dedicated bicycle lane. The primary challenge for this project was to accommodate the proposed sidewalks and bicycle lanes in a right-of-way constrained corridor.

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

Project Engineer. The drainage design for the project 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. The project is permitted with the South Florida Water Management District, the Miami Dade Department of Environmental Protection (DERM) and the United States Army Corps of Engineers (USACOE). The project included the design of 4' wide bicycle lanes in both directions.

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.

Civil Engineering Services FY 21-22, Broward County, Florida – City of Pembroke Pines

Project Engineer – The project includes the citywide pavement and marking inspections at multiple locations. 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.

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 the completed the drainage design and permitting packages for the project.

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.

NW 97th Avenue from NW 90th Street to NW 106th Street Preliminary Justification Report, Miami-Dade County, Florida – Town of Medley

Environmental Engineer. The scope of work consisted of preparing the conceptual layouts for multiple proposed alignments for the Preliminary Justification Report. Mr. Cardenas was responsible for site inspections of the project location to determine current conditions and evidence of environmental issues, then he prepared a report with the findings and environmental considerations and alternatives. The report provides the preliminary justification for the Town of Medley to advance its efforts toward further planning, funding, design and construction of a divided, 4-Lane urban roadway with bicycle lanes and sidewalk, to connect NW 97th Avenue from NW 90th Street to NW 106th Street.

SW 25th Street Complete Streetscape Improvements, Broward County, Florida – City of West Park

Project Engineer for the upgrade of the existing drainage system to conform to the proposed roadway modifications.

The project scope included management, investigation, analysis, permitting, utility coordination, and civil engineering services necessary for roadway and drainage, signing and pavement marking improvements along SW 25th Street from SR-7 to SW 40th Avenue. The scope included preparing plans for milling, resurfacing and widening the existing pavement between the said limits and widening as necessary to accommodate two lanes (EB and WB), two designated bicycle lanes (one eastbound and another westbound).

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

Project Engineer who was responsible for drainage permitting modification with Broward County Environmental Permitting Division. The scope of the project consisted of milling and resurfacing, and widening SW 21st Street, add bike lanes where possible, and add sharrows where bike lanes cannot be constructed. The project includes the upgrade of the existing drainage system to conform to the proposed roadway modifications. The project scope included management, investigation, analysis, permitting, utility coordination, and civil engineering services necessary for roadway and drainage, signing and pavement marking improvements.

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 lanes, 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.

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 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.

12 Inch Watermain Replacement at Atlantic Shores, Broward County, Florida – City of Hallandale Beach

Engineer of Record. The project objective is to design the replacement of an existing 12-in watermain to 16-inch and use PVC. The project's limits are along Atlantic Shores Boulevard between NE 14th Avenue and Tree Island Boulevard. There is a project on Atlantic Shores Boulevard between US-1 to Diplomat Parkway currently under design. That project overlaps with this one between NE 14th Avenue to Diplomat Parkway. The intent is to have the waterline replaced ahead of the Atlantic Shores Boulevard project. The length of the new line is approximately 2,600 feet.

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.

Nova Blanche Forman School Traffic Improvements, Town of Davie, Florida – Broward County School/Miller Legg & Associates, Inc.

Project Engineer/Engineer of Record (EOR) who provided engineering services for civil design, drainage design and permitting. Services included traffic counts at eight locations during school morning and afternoon drop/pick-up hours. Counts included passenger vehicles, buses, pedestrians and bicycles, civil design, site plans and permitting.



EDUCATION

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

YEARS OF EXPERIENCE

30 Years

YEARS WITH RJ BEHAR

2014 – Present

OFFICE LOCATION

Pembroke Pines

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

CERTIFICATIONS:

Final Estimates I & II
 QC Manager
 Earthwork I & II
 Asphalt I & II

TIN#: S535636684490

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 ensures quality, safety, and schedules according to specifications, reviewing contract plans/specifications covering all building construction and mechanical/electrical installations, and develops 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.

RELEVANT EXPERIENCE:

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.

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

Senior Project Engineer responsible for overseeing construction operations, administration, management, quality control, monthly and final estimates (close-out package). His responsibilities include oversight of construction operations, administration, public relations, quality control, final estimates and claims analysis. He ensures safety, schedule, cost tracking, estimating, and forecasting on the project. 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.

Miramar Parkway Streetscape from 68th Avenue to 64th Avenue, Construction Inspection Services, Broward County, Florida – City of Miramar/FDOT, District 4/FHWA

Senior Project Engineer who assisted the City in complying with all State and Federal Equal Employment Opportunity (EEO) requirements as they apply to this project, including the provisions of the U.S. Department of Transportation, the Federal Highway Administration, and the U.S. Department of Labor. He was responsible for all construction inspections, overseeing the resident compliance specialist, and performing project close-out.

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 the Engineering During Construction Services.

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

Senior Project Engineer who coordinated and provided FDOT with all the required information to ensure compliance with all LAP requirements, oversaw the inspection team and the resident compliance specialist, kept the construction contract time established, and performed final construction close-out. 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.

Citywide Pedestrian Safety Project, Broward County, Florida – City of Dania Beach/FDOT/FHWA

Senior Project Engineer who coordinated with and provided FDOT with all the required information to ensure compliance with all LAP requirements, oversaw the inspection team and the resident compliance specialist, kept the construction contract time established, and performed Final Construction Close-out.

Nova Drive, Broward County, Florida – Town of Davie

Senior Project Engineer who was responsible for managing the contract, budget, contract time, and inspection staff; ensuring the contractor's conformance with the plans and project specifications, reviewing and keeping track of contractor submittals – shop drawings, requests for information (RFIs), project baseline schedule and monthly updates; Review project daily reports, monthly progress estimates, conduct progress meetings, preparation of minutes; Coordination with all stakeholders, including the various agencies, utility companies, the public, school, businesses, and neighboring homeowners associations; review project final as-builts, material certifications, and preparation and submittal of the closeout package.

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 include oversight of construction operations, administration, public relations, quality control, final estimates and claims analysis. He ensures 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 includes 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 a completely new stormsewer system, sanitary sewer system, and regraded swales. The design included structural design of seawall repairs for new outfalls.

South Royal Poinciana Stormwater & Roadway Improvement Project, Miami-Dade County, Florida – City of Miami Springs

Senior Project Engineer responsible for the roadway improvements for flooding, traffic operation conditions, and redevelopment of the South Royal Poinciana corridor for drainage, landscape, and beautification alternatives. The work included construction of new landscaped median, installation of concrete curb and gutter, sidewalks including detectable warnings, pedestrian signal, curb pads, swale regrading, sodding, existing driveway harmonization, milling and resurfacing asphalt, regulatory signing and pavement markings including installation of bike lane, landscaping, swale regrading and sod placement. RJ Behar was responsible for daily inspections, all project communication between the Contractor and the City of Miami Springs; responsible for communicating any residents' complaints to the City's PIO; participating in progress meetings. He oversaw the contractor obtained the necessary City permits, carried out the Erosion Control and Stormwater Pollution Prevention Plan (SWPPP), performed Maintenance of Traffic (MOT), reviewed shop drawing submittals, RFIs, utility coordination, material testing, project documentation, reviewed the contractor's payroll, uploaded project documents in FDOT, and performed final closeout.

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

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 safety, schedule, cost tracking, estimating, and forecasting on the project. The project included demolition of sidewalks, curb and gutters, intersection crosswalks replaced with new paver crosswalks and new concrete sidewalks, reconstruction of driveways, milling and resurfacing, replacing vehicles detection loops, and new pavement marking.



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 review 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.

RELEVANT EXPERIENCE:

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

Project Coordinator. 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.

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.

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

Project Administrator/Compliance Specialist who is 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.

Grants Manager Assistance, Broward County, Florida – Town of Davie

Grant Assistant: She assisted the Town of Davie with The Florida Department of Transportation Local Agency Program "LAP" in their various reporting requirements associated with these Grants. The intent of the task is to provide professional services support for the Town's various grant projects to fulfill the requirements under the respective programs, which will facilitate achieving full reimbursement of the funds. Also included assisting the Town's various departments with achieving compliance on the numerous grants the Town has either obtained or is in the process of obtaining funds from multiple agencies and their programs.

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

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.

Pembroke Road and NW 196th Avenue Sidewalk Improvements American Recovery & Reinvestment Act (ARRA), Broward County, Florida – City of Pembroke Pines/FDOT, District 4

Resident Compliance Specialist responsible for the verification of AA/EEO requirements for the City of Pembroke Pines, ARRA funded Sidewalk Improvement Project. This includes the addition of approximately 22,600 LF of sidewalk, pedestrian handrails, milling and resurfacing, signing and pavement markings, new Americans with Disability Act (ADA) ramps with detectable warning surfaces, new curb installation, guardrail removal, grading of adjacent swales, sod restoration and new landscaping.

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 challenge project because of the high density and heavy traffic area, and it will be performed at night with heavy noise restrictions until 11 pm.

Safe Routes to School Local Agency Program Project, Miami-Dade County, Florida – Town of Cutler Bay/FDOT, District 6

Project Administrator/Contract Support Specialist/Resident Compliance Specialist: She performed daily inspections, produced weekly reports, monitored contractor pay items, held progress meetings, prepared the meeting agendas, processed payment applications, monitored shop drawings and RFIs, performed Temporary Traffic Control Plan Reviews including the coordination of lane closures, carried out the stormwater pollution prevention plan site reviews per NPDES requirements, conducted the material sample reviews and approval, reviewed the Contractor & Subcontractor's payrolls, uploaded project documents in FDOT Lap-It, and performed final closeout.

US-1 Federal Highway Beautification Local Agency Program Project, Palm Beach County, Florida – City of Delray Beach/FDOT, District 4/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.



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

YEARS OF EXPERIENCE
22 years

YEARS WITH RJ BEHAR
2017 – Present

OFFICE LOCATION
Orlando

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 EXPERIENC

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.

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 Engineer who was responsible for contacting all utility companies for existing utilities within the project boundary, updating the utility status matrix and following up to obtain utility information. 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.

NE 3rd Street Drainage Mitigation, Broward County, Florida – City of Hallandale Beach

Project Engineer. The scope of work consisted of constructing new stormwater improvements for NE 1st Avenue and NE 2nd Avenue to improve the flooding problems. The improvements consist of a new collection system, new French drains, milling and resurfacing, paving markings, driveway reconstruction and regrading and sodding of swales. Project scope includes field reviews, data collection, drainage analysis, plans preparation, estimates, specifications, utility coordination, and permitting.

Milling and Resurfacing of the Fleet and Police Parking Lots, Broward County, Florida – City of Coconut Creek

Project Engineer who was responsible for 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.

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.

Milling and Resurfacings Overlay Exhibits, Miami-Dade County, Florida – City of Doral

Project Engineer who was in charge of plans preparation, preparing quantities and cost estimates for Milling and Resurfacing Exhibits for seven city street locations. The project is part of the City of Doral’s Pavement Maintenance Program.

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

Project Engineer 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. The 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.

Stormwater Management Master Plan (SWMMP) Update, Miami-Dade County, Florida – City of Miami Gardens

Project Engineer. He worked on short term improvements recommendations, CAD work on drainage areas, basin delineations, water quality section, and field visits for the City-wide stormwater management master plan (SWMMP). RJ Behar was contracted by the City of Miami Gardens to update the SWMMP. The City's geographic service area of 20 square miles has been delineated into a total of 165 sub-basins. The primary stormwater management system for the City consists of a series of interconnected canals, swales, ponds, depressional areas, storm sewer and exfiltration systems (French drain) that discharge into the C-8 (Biscayne) Canal and the C-9 (Snake Creek) Canal. Both the C-8 and C-9 Canals outfall to Biscayne Bay.

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 to improve 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.

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.

NW 49th Avenue Drainage Improvement Project, Broward County, Florida – City of Lauderdale Lakes

Project Engineer. 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.

Stormwater Improvements Area West of Hiatus Road Phase II – Town of Davie, Florida

Project Engineer who was responsible utility locations request and updates to utility drawings. The project scope consists of the design for the stormwater to improve the flooding conditions within the project area.

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.

Little Country Estates Stormwater Improvements, Broward County, Florida – Town of Davie

Project Engineer who participated in the plan preparation, drainage calculations, quantities and cost estimates. . The scope of work was to prepare a drainage report analyzing the existing drainage system and provide recommendations to improve the flooding issues within the project area.

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.

ERLIS ALEXIS FERNANDEZ PEREZ
DESIGNER – MINOR HIGHWAY DESIGN 3.1
SIGNING, PAVEMENT MARKING AND CHANNELIZATION



EDUCATION

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

YEARS OF EXPERIENCE

3 Years

YEARS WITH RJ BEHAR

2022 – Present

OFFICE LOCATION

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. He has experience in construction estimating 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 Local Agency (LAP) Program Project, Plam Beach County, Florida – Palm Beach Roadway Division

Designer who is responsible for the preparation of the signing and marking plans. 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. This was a federally funded project.

Charles Avenue from Main Highway to South Douglas Road, Miami-Dade County, Florida – City of Miami

Designer who assists with plan's preparation. The project consists of engineering design services for the roadway improvements project Charles Avenue from Main Highway to South Douglas Road Roadway. He also updated the roadway and plantar details. The scope of services included project management, investigation, roadway analysis and plans, signing and pavement marking, permitting, utility coordination, and civil engineering services necessary for roadway and drainage improvements.

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

Designer responsible for assisting with the roadway design. The project included six typical sections, pavement design, access management, TTCP plans, temporary lighting on all ramps, drainage, utility coordination, Environmental Permits, signing and marking plans, signalization and complete management of all subconsultants. The project included widening of ramps 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 an exclusive right turn lanes, and modifications to existing CSX tracks and overhead railroad structure.

Port St. Lucie Boulevard from Becker Road to Paar Drive, St Lucie County, Florida – FDOT, District 4/Federal 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). Other improvements include signing and pavement marking, lighting and landscape.

SW 21st Street Complete Streets from SR 7 to SW 40th Avenue MAP Project, 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. This was a Surtax Funded Project.



EDUCATION

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

YEARS OF EXPERIENCE

4 Years

YEARS WITH RJ BEHAR

2021 - Present

OFFICE LOCATION

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

NW 74th Place Sidewalk Improvements, Broward County, Florida – City of Coconut Creek

Project Designer responsible for preparing plans to replace the existing sidewalk along NW 74th Place. The scope also included the following items geometric layout of proposed sidewalk; adding root barrier to minimize the damage occurring to the sidewalk from adjacent landscape; replacing pull boxes and lighting conduit within the sidewalk; and adding detectable warning surfaces to pedestrian ramps and any applicable signs/markings to comply.

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

Designer who assisted with drainage design, performing field visits, working on plan preparation, calculations and cost estimates. She was responsible for contacting all utility companies within the project boundaries, preparing the utility status matrix and following up obtaining utility information.

City Engineer Services, Broward County, Florida – City of Hallandale Beach

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.

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 to ensure that site development requirements are met.

Public Works Surface Water License Modifications and Parking Lot Design, Broward County, Florida – City of Hallandale

Project Designer: The purpose of this project was for the reconfiguration of the Department of Public Works compound (DPW) to better utilize the existing space. The City wanted to fill in the area located in the northwest corner of DPW that was occupied by a stormwater retention pond. This area would be used for the City's sanitation fleet vehicles. The scope of services included design of the new parking lot (geometrics, grading, drainage, lighting) and modification of the existing water surface permit/license.

12 Inch Watermain Replacement at Atlantic Shores, Broward County, Florida – City of Hallandale Beach

Project Designer responsible for contacting all utility companies within the project boundaries, updating the utility status matrix, following up to obtain utility information and plans preparation for the waterline. The project objective is to design the replacement of an existing 12-in watermain to 16-inch and use PVC. The project's limits are along Atlantic Shores Boulevard between NE 14th Avenue and Tree Island Boulevard. There is a project on Atlantic Shores Boulevard between

US-1 to Diplomat Parkway currently under design. That project overlaps with this one between NE 14th Avenue to Diplomat Parkway. The intent is to have the waterline replaced ahead of the Atlantic Shores Boulevard project. The length of the new line is approximately 2,600 feet.

with MUTCD. Add aprons to the existing inlets. Assessment and recommendations from a certified arborist (activity to be completed by New Leaf Environmental.) The length of sidewalk is about 1,100 LF.

Alhambra Place Drainage Improvements, Palm Beach County, Florida – City of West Palm Beach

Project Designer: The project scope included construction of new storm drainage facilities to improve flooding problems. It included the installation of inlets, trench drain, manholes, conflict structures, French drains, stormwater pipes, cleaning existing pipes and inlets, removal of existing structures to be replaced with new structures for drainage improvement, water main improvements including water services and fire hydrant installation. In addition, the work included milling and resurfacing, pavement and sidewalk restoration, pavement markings, and other miscellaneous improvements.

Lyons Road at SW 30th Street Drainage Improvements, Broward County, Florida – City of Coconut Creek

Designer for utility coordination. She was responsible for plan preparation to alleviate the drainage issue (ponding area) at the subject location. The scope of work included field visits, construction plans, city permits (building & engineering.

Public Works Compound Outfall and Equipment Parking Lot, Broward County, Florida – City of Hallandale Beach

Project Designer: This project involved 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.

Drainage Improvements at 4 Locations with Repetitive Losses, Miami-Dade County, Florida – City of Miami Gardens

Project Designer: The scope of services consisted of preparing drainage design, plans, estimates of probable costs, and utility coordination for improvements at four locations with repetitive losses due to flooding concerns. The intent of this scope of work was to prepare the design of stormwater improvements as recommended by the Stormwater Master Plan.

Stormwater Management Master Plan Update, Miami-Dade County, Florida – City of North Miami

Project Engineer. She created maps, draw the basin delineations using AutoCAD and GIS for the City-wide stormwater management master plan (SWMMP). RJ Behar was contracted by the City of North Miami to update the SWMMP. The City of North Miami (City), located in the Northeast region of Miami-Dade County, has a population of 61,578 people living in a 9.98 square mile area. Of the City's total land area, approximately 4% is allocated to commercial uses and approximately 3% to light industrial uses. Since its incorporation in 1926, the City has developed and maintained a Primary Stormwater Management System (PSMS) that discharges to various natural and manmade canals tributary to Biscayne Bay, which is listed as a protected Outstanding Florida Water (OFW).

MS4 FDEP Year 2 Audit Corrections and 20 Year Stormwater Needs Analysis, Miami-Dade County, Florida – City of Hialeah

Project Designer. She prepared a report to address comments from the FDEP Audit of the MS4 annual report and prepared the 20-year Stormwater Needs Analysis as part of the new reporting requirements of Section 403.9302, Florida Statutes, for local governments providing stormwater services.

Countywide Risk Assessment and Resilience Plan Broward County Resilient Environment Department

GIS Mapping Assistance. The project is to conduct a risk assessment of County owned assets based on the 2040 and 2070 vulnerability assessment for the NOAA intermediate-high scenario compound flood analysis. The risk factor will reflect at a minimum: the criticality of the services provided, the asset value, planned service life, severity of impacts to services, economic impacts, time horizon and frequency of impacts.

Revise Milling and Resurfacing for Public Works Parking Lot, Broward County, Florida – City of Coconut Creek

Project Designer. The City have identified some improvements to the parking lot which includes the addition of curb to some grass islands, bollards to protect light poles, replace an existing sidewalk that is in bad condition, provide a new 8' sidewalk on a green area located on the southeast corner of the Public Works parking lot, replace the existing rubber car stops, remove all anchors from the public works parking. The proposed pavement markings will be the same as existing with the follow modifications: Public works parking lot, provide diagonal parking instead of perpendicular parking on the southeast part of the maintenance building. RJ Behar will provide construction assistance including attending the pre-construction meeting, review shop drawings, respond to RFIs, and nine (9) field inspections during construction.

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. The scope of services included 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.



EDUCATION:

Structures Specialist – National University of Colombia, 2011
BS Civil Engineering “Jaime Isaza Cadavid Polytechnic University” Colombia, 2009

YEARS OF EXPERIENCE

12 Years

YEARS WITH RJ BEHAR

2024 – Present

OFFICE LOCATION

Pembroke Pines

ENGINEERING EXPERIENCE

Mr. Edwin Saldarriaga is a civil engineer with over 12 years of structural engineering experience, including structural design and structural review and roadway/traffic designer. His expertise in structures includes building design, concrete, and steel materials for public and private projects. In addition, he has a vast experience in AutoCAD, Etabs, Safe, DcCAD, and the Colombian Regulation of Earthquake Resistant Construction (NSR-10).

RELEVANT EXPERIENCE

NE 3rd Avenue from NE 54th Street to NE 59th Street/NE 58th Terrace, Miami-Dade County, Florida – City of Miami

Designer who is updating the comments on the landscaping plans. The scope includes updating the roadway design due to existing conditions that occurred during the last 5 years, change the pavement design to rework the base and avoid reconstruction, update quantities for excavation and stabilization accordingly, French drains will be adjusted from 15 ft to 10ft., update the drainage report to reflect changes to the depth of French drain, update drainage structure information according to latest City of Miami standards and to remove the weep hole, update the tree disposition table per the Arborist’s recommendations, coordinated the required permits with DERM, Miami-Dade County, the Environmental Resources (Tree permit) , and construction administration services.

W. 38th Place, W. 39th Place, W. 40th Street from W. 16th to 18th Avenue, Miami-Dade County, Florida – City of Hialeah

Designer who assisted with the plans preparation. The scope of the project included roadway reconstruction, drainage improvements, signing and pavement markings, utility coordination, permitting, sidewalks and post design services

E. 8th Avenue to E. 10th Avenue and E. 41st Street to E. 45th Street, Miami-Dade County, Florida – City of Hialeah

Designer who assisted with the plans preparation. The scope of the project includes roadway reconstruction, drainage improvements, signing and pavement markings, utility coordination, permitting, sidewalks, and post design services

NW 47th Court from NW 3rd Street to Flagler Street, Miami-Dade County, Florida – City of Miami

Designer who is assists with the plans preparation. The scope of the project includes roadway reconstruction, drainage improvements, signing and pavement markings, utility coordination, permitting, and post design services

Charles Avenue from Main Highway to South Douglas Road, Miami-Dade County, Florida – City of Miami

Designer who updated the cost estimates and implemented comments on the plans. The project consists of engineering design services for the roadway improvements project Charles Avenue from Main Highway to South Douglas Road Roadway. He also updated the roadway and planter details. The scope of services included project management, investigation, roadway analysis and plans, signing and pavement marking, permitting, utility coordination, and civil engineering services necessary for roadway and drainage improvements.

Mast Arm Traffic Signals, Broward County, Florida – City of Oakland Park

Project Engineer who is responsible for assisting with the design of 19 mast arm signals. He made revisions of the signalization plans.

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

Project Engineer: He conducted an inventory with photographs of the energy poles on the west side of Pine Island. He also implemented comments on the plans regarding utilities and QC comments. The 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, permitting, and landscaping.

NW 47th Avenue Kinlock Neighborhood Improvements, Miami-Dade County, Florida – City of Miami

Project Engineer assisting with roadway and drainage design for the improvements. The scope of services includes field visits, design of typical sections, utility contacts, permitting, bidding assistance and construction administration.

**DESIGNER – MINOR HIGHWAY DESIGN 3.1
SIGNING, PAVEMENT MARKING, AND CHANNELIZATION****EDUCATION**

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

YEARS OF EXPERIENCE

3 Year
Pines

YEARS WITH RJ BEHAR

2022 – Present

OFFICE LOCATION

Pembroke

ENGINEERING EXPERIENCE

At RJ Behar, Mr. Hernandez assists 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**Pine Island Road from Griffin Road to Nova Drive MAP Project, Broward County, Florida – Broward County**

Designer: He provided traffic counts for three different intersections, turning to west and south bound 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.

NW 47th Court from NW 3rd Street to Flagler Street, Miami-Dade County, Florida – City of Miami

Designer assisting with the design plans for the roadway improvements. The project includes roadway and drainage plans, including raised road, street curb less design, wider sidewalks, temporary traffic control, signing and pavement markings.

Cresthaven Boulevard from Jog Road to Military Trail Local Agency Program (LAP) Project, Palm Beach County, Florida – Palm Beach County Engineering and Public Works

Designer: 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.

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

Designer 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.

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 prepared the roadway design plans. This is a City funded and American Rescue Plan Act (ARPA) Funded Project that consisted of roadway and drainage improvements. The scope of services included roadway plans, cross sections, signing and pavement marking plans, driveways, parking, sidewalks, and utility coordination.

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

Designer 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.

E. 8th Avenue to E. 10th Avenue and E. 41st Street to E. 45th Street, Miami-Dade County, Florida – City of Hialeah

Engineer Technician who is assisting with the roadway design plans. The project consists of roadway reconstruction, curb and gutter, ADA ramps, driveway approaches, sidewalks, signing and pavement markings and improving the drainage system.



R.J. Behar



EDUCATION

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

YEARS OF EXPERIENCE

29 Years

YEARS WITH RJ BEHAR

2001 – Present

OFFICE LOCATION

Pembroke Pines

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

ENGINEERING EXPERIENCE

At RJ Behar, Ms. Ak Yaz 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 MAP Project, 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. This project is funded by the Broward County Surtax.

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 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.

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

Designer 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. The project included the design of 4' wide bicycle lanes in both directions.

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, both east and west sidewalks and utility relocation plans. The design included the use of filter fabric and a thick sub-base in lieu of demucking the roadway.

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

Senior Designer: The scope included design services 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.

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. The NW 87th Avenue project included a Shared Use bicycle lane, also known as a "Sharrow".

Haverhill Road from N. of Caribbean Boulevard to Bee Line Highway, Palm Beach County, Florida – Palm Beach Roadway Division

Project Designer responsible for roadway design plans. The scope of services included drainage improvements, signalization, pavement and marking, utility coordination and permitting.

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

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.

SR-934/East 4th Avenue Street Assessment, Miami-Dade County, Florida – City of Hialeah

Roadway Designer responsible for the drafting of driveways, sidewalks and ADA ramps; curb and gutter, drainage, pavement, and utilities. The scope consisted of general engineering services for the assessment of sidewalks, ADA compliance and cost estimate for repairs or reconstruction of sidewalks of two segments of this roadway.

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 roadway plans. The scope of services included milling and resurfacing, signing and pavement markings, traffic control plans and ADA and pedestrian features upgrades.

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.

US 1 and SR A1A ATMS Deployment, Broward & Palm Beach Counties, Florida – FDOT, District 4/ELAND Engineering, Inc.

Senior Designer responsible for the signing and 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.

SR-7/US-441 Roadway Lighting and NW 11th Place Pedestrian Lighting Improvements LAP Project, Broward County, Florida – City of Lauderhill/FDOT, District 4

Project Designer: She was responsible for the plans preparation. The scope of this project included milling and resurfacing, installation of decorative stamped concrete and asphalt, lighting, landscaping, and street furniture. This was a FDOT Local Agency Program (LAP) Project.

I-595 Mobility Hub Park and Ride, Broward County, Florida – FDOT, District 4

Project Designer: The scope of work for this project includes modifying the mobility hub to increase and maximize the number of parking slots, review the Reese Road connection to improve access control and improve circulation. These improvements required modifications to the existing drainage, lighting, signing and pavement markings and landscaping. The scope of work included modifying the mobility hub to increase and maximize the number of parking slots, review the Reese Road connection to improve access control, and improve circulation. These improvements required modifications to the existing drainage, lighting, signing and pavement markings, and landscaping. Scope of services included the preparation of a Community Awareness Plan, preparing Flyers, and attending a public meeting.

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.

E. 6th Avenue to E. 8th Avenue (from Hialeah Drive to E. 5th Avenue), Miami-Dade County, Florida – City of Hialeah

Project Designer: She was responsible for the plans preparation. The scope of this project consisted of roadway reconstruction and some roadway milling and resurfacing for a two-lane road, curb and gutter Type F, curb valley gutter, sidewalk, on-street parking, exfiltration drainage system, storm sewers, sodding, signing and pavement markings and roadway lighting.

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.



EDUCATION

B.S. Graphic Design, Corporación Universitaria Taller Cin, Colombia, 1989 - 1993
 High School, Elkland Area High School, Elkland, Pennsylvania, 1987

YEARS OF EXPERIENCE

35 Years

YEARS WITH RJ BEHAR

2018 – Present

OFFICE LOCATION

Pembroke Pines

ENGINEERING EXPERIENCE

At RJ Behar & Company, Mr. Delgado performs all of the utility coordination on all projects. He is responsible for locating, contacting, and organizing all of the Utility Owner’s on the project. He is fluent in MicroStation and AutoCAD. He also performs graphic design. Additionally, he has been involved in traffic studies including 24 hour counts and turning movement counts.

RELEVANT EXPERIENCE

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

Utility Coordinator: He was responsible for contacting and identify the Utility Owner’s within the project limits. The scope of the project consists of milling and resurfacing, and widening SW 21st Street, add bike lanes where possible, and add sharrows where bike lanes cannot be constructed. This was a Surtax Funded Project.

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

Graphic 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. This project was funded via the Broward County Surtax.

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

Utility Coordinator: He was responsible for contacting and identify the Utility Owner’s within the project limits. The scope of this project includes roadway design, drainage design, signing and pavement markings, signalization, lighting, wetland assessment, and utility coordination. The project included the design of 4’ wide bicycle lanes in both directions.

I-95 at 6th Avenue Interchange Design, Palm Beach County, Florida – Florida Department of Transportation (FDOT), District 4

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner’s within the project limits. The project scope 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.

Project #: 436963-1-32-01 Project Length: 1.14 miles

SW 136th Street from US-1 to Old Cutler Road LAP Project, Miami-Dade County, Florida – Village of Palmetto Bay/ FDOT, District 6

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner’s within the project limits. He then sent out notification letters, contacted all utilities, sent plans, followed up with all the owner’s and then presented the locates to the design engineer.

US 1 and SR A1A ATMS Deployment, Broward County, Florida – FDOT, District 4

Graphic Designer. The scope of this project consisted of installation of fiber optic cable along project limits, installation of CCTV, MVDS, Bluetooth, ped/bike detection at each intersection. RJ Behar was responsible for signing and pavement markings, signalization, and miscellaneous structures.

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

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner’s within the project limits. 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.

NW 47th Avenue Kinlock Neighborhood Improvements, Miami-Dade County, Florida – City of Miami

Utility Coordinator: He was responsible for contacting and identify the Utility Owner's within the project limits.

NW 21st Court from NW 36th Street to NW 38th Street, Miami-Dade County, Florida – City of Miami

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner's within the project limits. He then sent out notification letters, contacted all utilities, sent plans, followed up with all of the owner's and then presented the locates to the design engineer. Scope of services includes roadway milling and resurfacing, drainage improvements, new sidewalks where required, ADA ramps, signing and pavement markings, and permitting.

Charles Avenue from SW 37th Avenue to Main Highway, Miami-Dade County, Florida – City of Miami

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner's within the project limits. He then sent out notification letters, contacted all utilities, sent plans, followed up with all of the owner's and then presented the locates to the design engineer. Project scope includes roadway analysis and plans, signing and pavement marking, permitting, utility coordination, and civil engineering services for roadway and drainage improvements.

Pedestrian Lighting Design, Broward County, Florida – City of Coconut Creek

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner's within the project limits. He then sent out notification letters, contacted all utilities, sent plans, followed up with all the owner's and then presented the locates to the design engineer. RJ Behar prepared lighting design plans and specifications including field visits, MOT/TCP, lighting design plans, photometric calculations, utility coordination, Broward County permitting, specifications, cost estimate, progress meetings/phase reviews, and quality control.

Mast Arm Traffic Signals MAP Project, Broward County, Florida – City of Oakland Park

Utility Coordinator: He was responsible to contact and identify the Utility Owner's within the project limits. The project consists of design services for Mast Arm signals at nineteen (19) intersection locations throughout the City. The project was funded via Broward County Surtax.

Palm Avenue at SW 7th Street Signal Design, Broward County, Florida – Pembroke Pines

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner's within the project limits. The scope of services included roadway design, signal plans, signing and pavement marking plans, utility coordination, maintenance of traffic plans, mast arm foundation design and construction administration services. The plans required review and approval from Broward County Traffic Engineering Division.

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

Graphic Designer – The project includes modifying the existing infield ponds north of SR 710 to accommodate the 10-lane section impervious area; south of SR 710 culverting a borrow canal west of the Turnpike and directing runoff to the Winding Waters Natural Area for treatment and attenuation per the Interlocal Agreement with Palm Beach County.

Fiber Optic Communication Cable for Various Locations TWO#5, Broward County, Florida – FDOT, District 4

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner's within the project limits. He then sent out notification letters, contacted all utilities, sent plans, followed up with all the owner's and then presented the locates to the design engineer.

Oakhill Culvert Replacement SW 142nd Street and SW 17th Street, Broward County, Florida – Town of Davie

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner's within the project limits. He then sent out notification letters, contacted all utilities, sent plans, followed up with all the owner's and then presented the locates to the design engineer. RJ Behar was responsible for complete plans preparation, specifications, preparation of permit sketches, permitting packages and follow up.

NW 102nd Avenue from NW 142nd Street to NW 145th Place, Miami-Dade County, Florida – City of Hialeah

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner's within the project limits. He then sent out notification letters, contacted all utilities, sent plans, followed up with all the owner's and then presented the locates to the design engineer.

Stormwater Improvements Area West of Hiatus Road (Little Country Estates & Grove Estates), Broward County, Florida – Town of Davie

Utility Coordinator: He was responsible for starting a Sunshine Ticket to identify the Utility Owner's within the project limits. He then sent out notification letters, contacted all utilities, sent plans, followed up with all the owner's and then presented the locates to the design engineer.



EDUCATION

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

YEARS OF EXPERIENCE

2

YEARS WITH RJ BEHAR

2024 – Present

OFFICE LOCATION

Pembroke Pines

CERTIFICATION:

Resident Compliance Training, FDOT
Final Estimates I

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, ToggI, Tripadvisor, Yelp, and Google Business. She is bilingual - English and Spanish.

RELEVANT EXPERIENCE

Grants Manager Assistance, Miami-Dade County, Florida – City of Miami

Assistant Grant Manager: She aids the various grant projects, including the preparing various forms, reviewing documents and submittals required by Federal and State agencies to fulfill the City’s requirements under the respective programs. She assists with monthly, annual, and special reports; assists with the coordination of the various phases of work; assists in establishing and monitoring performance measures to be utilized to strategically identify and achieve desired outcomes; researches and responds to special funding opportunities requiring adherence to strict guidelines; establishes a reporting process to monitor and maintain accountability to all funding sources, ensuring the City is following and complies with all requirements of its respective grants, assists in representing the City before the various funding sources, when called upon, to achieve compliance with the Federal requirements when it comes to bid packages, request for proposals (RFPs), executed contracts, and monthly or quarterly reporting; and performs other related.

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

Dillman Trail from Forest Hill Boulevard to Dillman Road LAP Project, Palm Beach County, Florida – City of Greenacres/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.

R. J. Behar & Company, Inc.



EDUCATION: A.A. Broward Community College

YEARS OF EXPERIENCE
46 Years

YEARS WITH RJ BEHAR
1999 – Present

OFFICE LOCATION
Pembroke Pines

PROFESSIONAL EXPERIENCE

Ms. Behar serves as Office Manager, Human Resource Director, Social Media Specialist, Public Involvement Assistant, and Marketing Director. She also serves as the Corporate Secretary for R. J. Behar & Company, Inc. and is responsible for maintaining and updating the corporate records of the Company. Ms. Behar has over 35 years of technical writing experience. Prior to and while working part-time for RJ Behar, she owned a medical transcription business for 18 years.

RELEVANT EXPERIENCE

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

Public Information Officer who assisted with compiling data for the homeowner’s associations within the project area, scheduling public meetings (virtual and in-person), assisting with flyers, responding to requests for information, and facilitating the public meeting.

Townwide Sidewalk Master Plan, Miami-Dade County, Florida – Town of Medley

Public Involvement Officer who distributed flyers to the community, scheduled the information meetings with the Town, and assisted with the meeting. The scope of this study includes developing a sidewalk master plan to serve as a long-term planning document that would improve pedestrian connectivity, address American with Disabilities Act (ADA) requirements, and identify sidewalk repairs, prioritize projects, while accommodating population growth, future land use, and enhancing multimodal regional connectivity.

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

Assistant Public Information Officer: An extensive public outreach effort was conducted including presentations, workshops, and one-on-one meetings. She obtained all the mailing addresses for the neighborhood, created flyers, acted as a liaison between the City and the firm on requests for information from the residents, prepared boards for presentations, etc.

Historic Miramar Drainage System Evaluation, Broward County, Florida – City of Miramar

Public Information Officer: She was responsible for scheduling the meeting, preparing boards for the presentation, and compiling all question-and-answer surveys from the residents. The scope included hydraulic evaluation, cost estimating physical evaluations, grant evaluations, and a public workshop to present the findings to the residents.

West Avenue/Bay Road, Miami-Dade County, Florida – City of Miami Beach

Public Information Officer: She prepared the boards, assisted with the setup of the audio-video equipment, and assisted with resident’s comments. The scope of this project included preparation of the Basis of Design Report (BODR) for stormwater management design for neighborhood improvement programs. The program included repaving and stripping, streetscape, drainage improvements and water and sewer improvements. RJ Behar was responsible for the public involvement workshops.

C4 Canal Flood Protection Project, Miami-Dade County, Florida – South Florida Water Management District (SFWMD)

Assistant Public Information Officer: She assisted with the preparation of boards to demonstrate the different alternatives, assisted with the design and printing of the brochures to dispense to the residents, took notes during the meeting, and assisted SFWMD with any details regarding the public meeting. The project also included an extensive public involvement effort. The alternatives studied included an earth berm, sheet pile walls and concrete gravity walls.

SR-A1A, Palm Beach County, Florida – Florida Department of Transportation (FDOT), District 4

Public Information officer for four community workshops for four city officials, one county official and the public. She prepared the notifications as well as the boards for presentation, prepared the power point slides to demonstrate the decorative lighting options, landscape concepts and the proposed bike lanes; prepared the questionnaires, brochures, and comment sheets; compiled all collected data; prepared meeting minutes and assisted with the final Community Awareness Plan III. The project proposed a major detour, which had to be presented to the public.



SR-845/Powerline Road, Palm Beach County, Florida – FDOT, District 4

Assistant Public Information Officer: Three individual meetings were held with the homeowner's associations with boards and two general meetings with the public. She was responsible for scheduling the meetings, assisting with the boards, scheduling the power point presentations, transcribed the meeting minutes and performed quality control of the Community Awareness Plan.

NW 7th/9th Avenue Connector Final Design, Broward County, Florida – City of Fort Lauderdale

Assistant Public Information Officer/Editor: She was responsible for assisting with the presentation of boards regarding the design alternatives for the public information meeting. The scope of this project included the re-evaluation of the contamination screening and evaluation report in accordance with FDOT/PD&E 23 CFR 771. Conclusions and recommendations were provided to continue to the next project phase or Phase II of the Environmental Assessment before project execution.

Marketing Director of R. J. Behar & Company, Inc., Broward County, Florida – City of Pembroke Pines

Marketing Director – Ms. Behar's responsibilities include proof-reading and grammatically correcting all documents that are produced by RJ Behar, which include proposals, reports and general documentation. The following is a sampling of awarded clients resulting from submitted proposals:

The School Board of Broward County	City of Pompano Beach
City of Lauderhill	Broward College
Palm Beach County	Miami-Dade Expressway Authority
City of Pembroke Pines	City of North Miami
FDOT District 4	City of Miramar
FDOT District 6	Town of Davie

I-95 at 6th Avenue Interchange PD&E, Palm Beach County, Florida – Florida Department of Transportation (FDOT), District 4

Chief Editor for the PD&E study of the Interchange Improvements. She edited the Preliminary Engineering Report, the Contamination Assessment Report, the Interchange Modification Report, the Conceptual Drainage Report and the Categorical Exclusion Document. Scope included preparation of the Interchange Modification Report, Public Involvement, all engineering analyses, Contamination Assessment Report, cost estimates, and preparation of the Preliminary Engineering Report and the Class of Action (Categorical Exclusion Type II) documents.

SR-874/Don Shula Expressway Ramp Connector to SW 136th Street Project Development and Environmental Study (PD&E), Miami-Dade County, Florida – Miami-Dade Expressway Authority

Editor: The study consisted of the preparation of the PD&E traffic report for the SR-874/Don Shula Expressway Ramp Connector to SW 136th Street. The study assesses existing and future traffic operations of the interchange, given a no-build scenario and up to four-build scenarios.

I-75/Griffin Road Interchange, Broward County, Florida – FDOT, District 4

Editor: The study consisted of the preparation of an Interchange Operational Analysis Report (IOAR) for the interchange at Griffin Road and I-75 in Broward County, to assess existing and future traffic operations of the interchange, for an interim solution given a No-Build scenario and up to five build scenarios. The study included signalized intersection analysis, weaving analysis, queuing analysis, ramp analysis, interchange capacity analysis and crash analysis. The study was done using the latest traffic software such as CORSIM, SYNCHRO and FSUTMS/CUBE.

C-12/C-13 Interconnect for Water Management, Broward County, Florida – City of Sunrise

Editor – RJ Behar prepared the Basis of Design Report and will be completing construction plans for the project. The scope includes plans preparation, coordination of geotechnical exploration, specifications, cost estimates and utility coordination.

Water and Sewer Improvements UAZ 303, Broward County, Florida – Water and Wastewater Services Water and Wastewater Engineering Division (BCWWS - WWED)

Editor – The scope of this project consists of design and preparation of the construction documents for complete replacement of the water distribution system, upgrading the water transmission system and providing a new sanitary sewer system with pump station upgrades. It also includes permitting procedures with the agencies having jurisdiction. The project includes: 413 feet of 6", 1,994 feet of 8" and 3,509 feet of 12" water mains; 926 feet of 16" transmission line updating, and 3,431 feet of new sanitary sewers. RJ Behar coordinated conflicts with the location of existing utilities and proposed developments. The scope of the project also includes construction administration services

Old City Hall Site Environmental Assessment, Broward County, Florida – City of Lauderhill

Editor – This was a Phase I Environmental Assessments and Report.



Roberto Mantecon, PSM

Survey Lead

Registrations

Professional
Surveyor/Mapper, FL,
#LS4431, 1987

Certifications

OSHA 10-Hour Construction
Safety and Health

Years of Experience

Total: 48
With WGI: 4

Office Location

Miami

Roberto is a seasoned professional with extensive experience in leading and executing a wide range of surveying and mapping assignments, including boundary, hydrographic, topographic, construction layout, right-of-way, Global Positioning System (GPS), route, sectional, cadastral, environmental, subsurface utility engineering (SUE), and geodetic control surveys. He is proficient in geographic information systems (GIS) and CADD applications, supporting efficient data analysis and project visualization. Roberto oversees daily operations, supervises and coordinates both office and field personnel, and serves as a liaison and contract negotiator with clients and subcontractors. His ability to identify and resolve technically complex issues, while effectively communicating solutions across multidisciplinary project teams, consistently ensures the successful delivery of surveying and mapping projects on time and within budget.

Relevant Experience

Taft and Sheridan Street Water Main Improvements, Broward County, FL, City of Hollywood, Project Manager. As part of a water main improvement program, Roberto conducted an eight-mile topographic survey and performed SUE services between Taft Street and Sheridan Street west of the Florida Turnpike. Using GPS and high-definition scanning, he provided a comprehensive survey of the surface improvements and a detailed digital terrain model of the project right-of-way, including the designation of underground utilities.

Pembroke Road Water Line Improvements Design Services, Broward County, FL, City of Hollywood, Project Manager. Roberto served as project manager for 11 units of topographic survey for infrastructure right-of-way and determination improvements. The project required geodetic control and mobile lidar was used to acquire field data in record time, which allowed the City to complete the project on schedule.

Hard Rock Café and Hollywood Reservation Loop Distribution Water Main Design Services, Broward County, FL, Seminole Tribe of Florida, Principal Surveyor. Roberto has served as the Seminole Tribe's surveyor for over 15 years and has performed boundary and topographic surveys for Tribal lands throughout Broward County. He was engaged in 9 miles of route mapping for water main improvements on or adjacent to the reservation lands. This project was performed in conjunction with the City of Hollywood water main route surveys and included data collection using mobile lidar technology.

Lakeview Neighborhood Topographical Survey Services, Miami-Dade County, FL, City of Miami Beach, Project Manager. As part of the Neighborhood Street Improvement Program for the City of Miami Beach, Roberto conducted topographic surveys and SUE services for the public right-of-way in the entire neighborhood, including a portion of Alton Road. He utilized an integrated approach, employing state-of-the-art GPS and high-definition scanning survey techniques, including SUE services QLB through QLD. The survey involved setting baselines and benchmarks, collecting drainage and sanitary sewer information, including inverts, and gathering data 25 feet beyond the right-of-way. This survey provided the City with a comprehensive depiction of all visible surface improvements and detailed DTM of the project's right-of-way, including the underground designation of existing utilities.

Districtwide Miscellaneous Location Survey Consultant Services, Miami-Dade and Monroe Counties, FL, FDOT District 6, Contract Manager. Roberto is leading all surveying activities for this ongoing contract. WGI completed hundreds of miles of route surveys, and the associated geodetic control, data collection, boundary surveys, topographic surveys, corridor maps, hydrographic surveys, and parcel mapping. Roberto has served as an extension of District 6 staff as a trusted advisor in complex technical matters. He updated the District's vertical control network to NAVD88 and has completed GIS databases for Monroe and Miami-Dade counties to assist the District's survey staff in maintaining their project control information.

Bay Drive, La Gorce and Nautilus Surveying Services, Miami-Dade County, FL, City of Miami Beach, Project Manager. Roberto served as project manager for this project, which involved a comprehensive survey for design purposes of existing topographic improvements in the Bay Road, La Gorce, NH5, Nautilus, and NH7 Improvement District rights-of-way. More specifically, the survey area



was within +25 feet of each side of the right-of-way for Bay Road, from 43rd Street and Alton Road to West 48th Street, and from Lakeview Drive and Alton Road to the south side of the existing bridge to Gorce Island. The project included establishing geodetic control, alignment, finish floor elevations of all structures along the corridor, designation and location of underground utilities, and right-of-way determination. This topographic effort was conducted using an integrated survey approach where a combination of high-definition survey, GPS, and total station were used to ensure that all required data was collected. Deliverables were provided in Civil 3D and included a topographic map and full digital terrain model.

Southwest 7th Street from Brickell Avenue to West of Southwest 2nd Avenue (TWO #2), Miami-Dade County, FL, FDOT District 6, Project Manager. As the project manager, Roberto oversaw surveying and mapping services for this roadway improvements project. Major components included survey, terrestrial mobile lidar, and a 3D digital terrain model. The survey limits extended five feet beyond the right-of-way, up to the face of steps or buildings, and 50 feet past the curve return. There were ten side streets. Survey data was collected to create a 3D digital terrain model, shooting break lines and high and low points, and collecting above-ground improvements, including driveways, curb cuts, American Disability Act (ADA) ramps, sidewalks servicing adjoining properties, and pavement markings. Trees, utility poles, vertical clearances of utility lines, Metro Rail, pedestrian bridges, and mast arms were also documented.

SR 959/Red Road/Southwest-Northwest 57th Avenue from North, Miami-Dade County, FL, FDOT District 6, Project Manager. Roberto served as project manager on this project. WGI performed full topographic surveying and mapping services with deliverables that included digital terrain models to enhance the current design effort for roadway improvements in the project area. This survey required geodetic vertical and horizontal control and right-of-way determination. WGI utilized an integrated approach with GPS, robotic total stations, electronic levels, and terrestrial mobile lidar. Deliverables included a digital terrain model in OpenRoad Design (ORD) software, as well as electronic CAD files in MicroStation and DGN formats. All deliverables were in accordance with Florida Department of Transportation (FDOT) requirements.

Baywalk Segment Bayview Terrace – Bay Garden Minor, Miami-Dade County, FL, City of Miami Beach, Project Manager. Roberto served as project manager on this project. WGI provided boundary and topographic surveys of two condominium properties along the proposed Baywalk. The City of Miami Beach had evaluated the properties—Bayview Terrace Condominium and Bay Garden Manor Condominium—and found them to either require or have the potential for overwater construction. The survey involved setting horizontal and vertical control, plotting submerged land easements, collecting topographic data via conventional survey and terrestrial laser scanning, and defining boundary lines. Deliverables included a detailed topographic survey of the Baywalk project area that included the North and South tie points to the existing Baywalk, in addition to submitting individual boundary surveys for each of the two affected condominium properties. All submissions were made electronically in PDF and DWG format.

North Roosevelt at Eisenhower Drive Survey, Miami-Dade County, FL, FDOT D6. Project Manager. As the contract and project manager, Roberto oversaw all aspects of this project. As part of the FDOT District 6 master contract for miscellaneous location surveys, WGI completed surveying and mapping services to enhance a design effort for roadway improvements within the project limits. Major project components included a full design topographic survey with DTM. Survey components included setting secondary control points for the data collection effort, including analysis and processing of all field-collected data and preparation of forms, verifying primary vertical control and obtaining vertical values on secondary vertical control points. All vertical control points were referenced to the North American Vertical Datum of 1988 (NAVD88). For the topography/3D DTM, WGI located all above-ground improvements, as well as trees, utility poles, vertical clearances of utility lines, and mast arm details. Other project components included roadway cross sections, a drainage survey with rim elevation, pipe inverts, size and direction, a channel survey for adjacent water areas, and miscellaneous surveys to identify standing water elevations, ground elevations below the water surface on an existing pond, all doors within private property and the door opening elevations, all window/storefront openings within private property and the opening elevations, all finished floor elevations, and all building overhangs.

Miami-Dade County Water and Sewer Department Contract E20WASD01B, Miami-Dade County, FL, Miami-Dade County, Principal in Charge. Roberto is the principal in charge, overseeing several neighborhood surveys, including boundary surveys and SUE quality level D through A. This countywide master contract encompasses various services, which utilize GPS, electronic leveling for geodetic control, terrestrial mobile mapping, and UAVs for data collection, in addition to conventional survey methods.

Miami-Dade Intersections Topographic Survey Services (WO1-08), Miami-Dade County, FL, Principal Surveyor. Roberto served as principal surveyor and project manager for the design survey of 31 intersections throughout the County. WGI provided a full topographic survey for traffic signal design. WGI also conducted document searches, right-of-way surveys, survey control, topographic surveys involving laser scanning, and conventional survey services while maintaining strict safety precautions.



Education

- M.S. Marine Biology, Nova Southeastern University (graduate classes completed, 2004)
- B.S. Biology, University of Miami, 1983

Special Qualifications /Certifications

- Extensive permitting and NEPA/PD&E experience
- Former FDOT Environmental Administrator, Districts 4 & 6
- FDEP Certified Erosion and Sediment Control Inspector (2004)
- PADI Open Water/Advanced/Rescue/Nitrox/AAUS

Wendy Cyriacks has over 35 years of experience in environmental analysis and impact studies, environmental permitting and National Environmental Policy Act (NEPA) documentation. Wendy serves as Principal in Charge and/or Chief Scientist on large scale environmental projects. She has coordinated extensively with permitting agencies and has been responsible for obtaining state, federal, and local environmental permits for numerous public sector projects. She has managed and/or conducted natural resource studies including wetlands, marine benthic resources, threatened and endangered species, and contamination assessments. She also developed mitigation and monitoring plans, conducted permit compliance reviews, and QA/QC reviews.

PROJECT EXPERIENCE

Environmental Permitting, West Lake Drive Bridge Replacement LAP, Florida Department of Transportation (FDOT) District 4, City of Fort Lauderdale, FL – This Local Agency Program (LAP) project involves replacement of three bridges along West Lake Drive residential community. Project Manager responsible for project oversight, scheduling, client contact and conducting quality control review for project documentation including permit application and support environmental reports as well as agency coordination.

Environmental Permitting, Mitigation and Monitoring, West Relief Bridge Replacement, Town of Bay Harbor Islands, Miami-Dade County, FL Responsible for obtaining environmental permits and developed a mitigation plan for impacts associated with the construction of a new bridge, located in Biscayne Bay, an Outstanding Florida Water and Aquatic Preserve. The mitigation plan involved construction of an artificial reef within Biscayne Bay. Conducted marine benthic surveys to determine impacts to the benthic communities

which included seagrass and hard bottom habitat. Prepared permit application packages and obtained permits from Miami-Dade County Department of Environmental Resource Management Class I, SFWMD, and USACE. Also conducted five-year monitoring of the mitigation site.

- **Environmental Permitting, Pembroke Road Expansion/Miramar Parkway Extension, City of Miramar, Broward County, FL** - The project involves a 5.6-mile road widening and extension that includes widening of Pembroke Road from SW 160th Ave. (Dykes Road) east to SW 196th Ave. from a two-lane road to a four-lane divided roadway and the extension of Pembroke Road from SW 160th Ave. to connect with US-27. Additionally, Miramar Parkway will be extended to Pembroke Road. Project Manager responsible for project oversight, scheduling, supervision, quality control reviews and agency coordination.
- **Environmental Studies & Documentation, SR 9/I-95 from South of Hallandale Beach Boulevard to North of Hollywood Boulevard PD&E Study, FDOT District 4, Palm Beach County, FL** - This project involves improvements to the I-95 and the interchanges at Hallandale Beach Boulevard, Pembroke Road, and Hollywood Boulevard, a distance of approximately three miles. Responsibilities include environmental data collection, analysis and documentation for the Categorical Exclusion Type 2, Contamination Screening, Natural Resources, Socio-cultural and Section 4(f) documentation. Project Manager responsible for overall management if contract, resource allocation, scheduling and quality Control reviews. wetlands, threatened & endangered species, contamination and socio-cultural data collection, evaluations and the preparation of required documents.

- **Environmental Services, Natural Resources Evaluation, Cocoplum Bridge Replacement, Miami-Dade County DTPW, Miami-Dade County, FL** – This project involves the removal and replacement of a two-lane general use bridge that spans the C3 Canal in the City of Coral Gables. Responsible for preparation of a Natural Resources Evaluation (NRE) Report to determine the presence/ absence of essential fish habitat (EFH) including seagrass, threatened and endangered species, wetlands and surface waters. Conducted a marine benthic survey and determined impact to natural resources.
- **Environmental Services, Natural Resources Evaluation, SW 87th Avenue Bridge Over C-100 Canal, Miami-Dade County DTPW, Palmetto Bay, FL** – The proposed project involved construction of a new two-lane bridge over the C-100 canal at SW 87th Avenue from SW 164th Street to SW 163rd Terrace. Responsibilities included conducting a marine benthic survey and a protected species survey including a visual survey for the Florida bonneted bat. Documented results in a Natural Resources Evaluation (NRE) report.
- **Environmental Permitting, Singer Island Bridge Replacement, City of Riviera Beach, FL** - The project involved replacement of six residential bridges. Responsible for project oversight, management, scheduling and quality control reviews. Specific tasks involve conducting a marine benthic survey and delineating of seagrass and other benthic resources (hard and soft corals); and preparing SFWMD, and USACE permit applications and support documentation for bridge replacements and seagrass impacts and conducting Section 7 consultation with National Marine Fisheries Service.
- **Environmental Permitting, Bridges of the Isles Replacement Design-Build, FDOT District 4/City of Fort Lauderdale, Broward County, FL** – This Design Build project consists of replacing five structurally deficient bridges with new 2-lane fixed low level bridges. Project Manager responsible for environmental permitting, preparation of an Endangered Species Biological Assessment, Section 7 consultation, Essential Fish Habitat (EFH) Assessment and consultation and development of a Mitigation Plan. Conducted quality control reviews, scheduling, team coordination and all project management activities.
- **Environmental Permitting, Savannas Preserve State Park - SUN Trails, Florida Department of Transportation (FDOT) District 4, St. Lucie County, FL** - This project involves design and permitting for an 11.9-mile long, multi-use, paved trail through the Savannas Preserve State Park. The trail will go from SE Walton Road north to the Savannas Recreation Area. Project Environmental Manager responsible for project oversight of the wetland delineation and environmental permitting effort. Assisted with finalizing trail alignment in coordination with Engineer, FDOT, Florida Department of Environmental Protection (FDEP), and St Lucie County. Project Manager responsibilities include project management, scheduling, resource allocation and Quality Control/Quality Assurance of all documents and permit applications.
- **Environmental Permitting & Mitigation, SR 786/PGA Boulevard, FDOT District 4, Palm Beach County, FL** - Project involves elevating the roadway and constructing a new bridge to improve water flow and reduce flooding. Project Principal responsible for overall management and quality control. Project involved habitat surveys and GIS mapping for over 5,700 acres of the Loxahatchee Slough Natural Area; biological evaluations, Uniform Mitigation Assessment Method (UMAMs), environmental permitting, and development of a self-mitigating project which was associated with hydrologic improvements to PGA Boulevard and is a joint effort between Palm Beach County Environmental Resources Management (ERM) and FDOT. Extensive coordination with South Florida Water Management District (SFWMD), U.S. Army Corps of Engineers (USACE), Palm Beach County ERM, and FDOT occurred.
- **NEPA Documentation & Permitting, SR 80/Southern Boulevard Bridge PD&E Study, FDOT District 4, Palm Beach County, FL** This project involves the replacement of the two bridges over the Intracoastal Waterway and Lake Worth Lagoon. Project Manager responsible for preparing the NEPA documentation, Wetlands, Endangered and Threatened Species and EFH Assessment Reports. Conducted marine benthic survey for approximately 34 acres. Other activities include conducting wetland impact assessment, evaluating impacts to the environmentally sensitive resources due to construction methodology, and conducting wildlife surveys. Also responsible for obtaining permits from the USACE, U.S. Coast Guard (USCG), and SFWMD.
- **Environmental Permitting, SR 710 Design, FDOT District 4, Palm Beach, FL** - This project extends from Northlake Boulevard to Blue Heron Boulevard and involves capacity improvements along SR 710, new intersection at Northlake Boulevard and replacement of the Turnpike Bridge over SR 710. Project Manager responsible for environmental permitting including development of the ERP package, coordination with SFWMD and USACE on wetland lines and impacts, developing functional assessment scores and wood stork assessment and evaluate mitigation options.



Education

- BS, Environmental Science, Cal Poly Humboldt, 2015

Special Qualifications/Certifications

- FDEP Qualified Stormwater Management Inspector #49958
- FDEP/ACE Wetland Delineation Training
- Certified Professional in Sediment and Erosion Control #9391
- UMAM Training
- AAUS Scientific Diver
- PADI Rescue Diver, Enriched Air Diver
- SDI Divemaster

Trent holds a Bachelor of Science degree in Environmental Science and has over ten years of experience in the environmental field. He has served as the environmental project lead in both the public and private sectors, with expertise in environmental permitting, protected species, wetland delineation, mitigation, ecological restoration, environmental compliance, and Geographic Information System (GIS) mapping. Trent has contributed to research projects on protected species and habitats in the Florida Keys, Mojave Desert, and the Mesoamerican Reef and has provided environmental consulting services in California and Florida. He is a certified AAUS Scientific Diver and a Qualified Stormwater Management Inspector.

PROJECT EXPERIENCE

Environmental Permitting, Savannas Preserve State Park - SUN Trails (North Segment), Florida Department of Transportation (FDOT) District 4, St. Lucie County, FL - This project involves design and permitting for an 11.9-mile long, multi-use, paved trail through the Savannas Preserve State Park. The trail will go from SE Walton Road north to the Savannas Recreation Area. The project involved environmental permitting with the South Florida Water Management District (SFWMD) and the Florida Department of Environmental Protection (FDEP). Specific responsibilities included coordinating and leading fieldwork for E/T species and wetlands, meeting and correspondence with regulatory agencies, plan review, assisting in mitigation plan review, and permit acquisition. Served as the environmental consultant for the permit applications and led the permitting effort

Environmental Permitting, Pembroke Road Expansion/Miramar Parkway Extension, City of Miramar, FL - The project involves a 5.6-mile road widening

and extension that includes widening of Pembroke Road from SW 160th Ave. (Dykes Road) east to SW 196th Ave. from a two-lane road to a four-lane divided roadway and the extension of Pembroke Road from SW 160th Ave. to connect with US-27. Additionally, Miramar Parkway will be extended from SW 192nd Ter. to Pembroke Road. Specific tasks include an approximate 15-acre wetland delineation, protected species essential habitat studies and coordination with the US Fish and Wildlife Service (USFWS) and the Florida Wildlife Conservation Commission (FWC), and environmental permit applications, including Section 404, Environmental Resource Permit and Broward County Wetland License.

- **Environmental Permitting, SR-A1A/ Ocean Blvd. Bridge #930060 Over Boca Inlet, FDOT District 4, Palm Beach County, FL** - Rehabilitation of a bascule bridge across the Boca Inlet, including installation of scour protection (marine mattress system) and electrical improvements with a subaqueous crossing. Proposed activities occur within Navigable Waters and impact coral resources, EFH, and state-submerged lands. Trent is the environmental project lead responsible for environmental permitting and support. Responsibilities include preparing environmental permit applications, including USACE Section 404, Section 408, FDEP State Submerged Lands Environmental Resource Permit (SLERP), and coordination with NMFS, USFWS, and USCG.
- **Environmental Permitting, West Lake Drive Bridge Replacement, FDOT District 4, City of Fort Lauderdale, FL** - Local Agency Program (LAP) project involving replacement of three bridges along West Lake Drive residential community. Environmental project lead for benthic surveys at three bridge locations in Fort Lauderdale between Lake Sylvia and the Stranahan River. Phase I involved benthic surveys and a technical memorandum to document findings. Phase II will involve the permitting effort. Led a team of scientific divers to conduct an approximate 1-acre marine benthic survey utilizing scuba equipment to complete underwater transects to identify and delineate environmentally sensitive resources, including seagrass and coral colonies. Prepared a technical memorandum and maps using GIS software to document the survey results.

- **Environmental Permitting**, *Pine Island Road from Griffin to Nova Drive, Broward County, FL* - The Broward County project involves a new six-lane roadway known as Pine Island Road from Griffin Road to Nova Drive, including one bridge widening, and bulkhead wall along the CBWCD N-12 Canal. Specific responsibilities include leading the environmental review and permitting efforts. The environmental review includes an assessment of listed species surveys, including visual surveys for Florida bonneted bat in addition to wetland delineation, functional assessment, and mitigation bank coordination. Permits include individual USACE/FDEP and SFWMD ERP.
- **Benthic Survey**, *C-8 Canal North Miami Pedestrian Bridge, City of North Miami, Miami Dade County, FL* – The project involves the replacement of an existing pedestrian bridge, channel dredging, and channel bank revetment system for a pedestrian crossing of the C-8 Canal. Conducted a benthic survey of an approximately 24,000-square-foot area, and technical memorandum documenting the findings.
- **Wildlife Survey**, *PKH Runway Improvements at Palm Beach County Glades Airport (PKH), Palm Beach County Department of Airports (PBC DOA), Glades County, FL* – Completed wildlife surveys in accordance with Florida Wildlife Conservation Commission (FWC) Species Conservation Measures and Permitting Guidelines for the Florida Burrowing Owl to document potentially occupied burrows and abandoned burrows, as well as the number of adults/pairs observed.
- **Benthic Survey**, *Singer Island Grand Bahama Bridge Seawall Replacement, City of Riviera Beach, Palm Beach County, FL* – Completed marine benthic survey to determine the presence, absence, and general distribution of seagrass and other marine benthic resources adjacent to a proposed seawall replacement at Singer Island. Conducted underwater transects utilizing scuba equipment to document benthos across an estimated two-acre area and prepared a marine resources report.
- **SAV survey & Environmental Permitting**, *Florida's Turnpike Bridges Concrete Piles Rehabilitation, FTE, St. Lucie County, FL* - This project involved the rehabilitation of concrete piles via pile jack and scour countermeasures at three bridges on Florida's Turnpike including C-24, Jim Greene Creek and Outfall Ditch. Responsible for managing the environmental permitting effort, including USACE and FDEP dredge/fill permits permit applications, and SFWMD Right-of-Way (ROW) occupancy permits. Additionally, completed a marine benthic resources/seagrass survey across an approximate one-acre area. Other responsibilities included environmental permitting, USACE, and FDEP dredge/fill permits, coastal construction coastline permit applications, and SFWMD ROW occupancy permits. Additional activities include wetland impact analysis and protected species analysis.
- **Regulatory Compliance**, *FDOT District 6 LAP, FDOT District 6, Miami-Dade County, FL* – As the environmental compliance project manager Trent currently oversees 36 construction projects in Miami-Dade and Monroe Counties. Specific tasks include project administration, tracking, environmental permits and commitments, inspection determination, and scheduling. He participates in pre-construction and environmental kick-off meetings, prepares environmental issues memorandums, staging area reviews, routine inspection and closeout reports, and schedules compliance inspections. He works closely with FDEP staff, contractors, and CEIs to relay and resolve environmental issues and concerns that arise before and during construction activities.
- **Environmental Study**, *Million Air Remodel, Marathon Airport (MTH), Monroe County, FL* - The project includes the re-development of portions of the Marathon Airport, including new hangars, ramp improvements, aircraft stand improvements, connector improvements to the taxiway, relocation of the fuel farm, and a new FBO building. Specific stakes included fieldwork for wetland and endangered species identification for an approximate 27-acre work area and, desktop review, and report preparation concerning environmental resources that may be adversely affected by the project, advised the developer on required environmental permissions and permits.
- **Bicentennial Park Seawall Hardening/Replacement**, *Town of Lantana, Palm Beach County, FL* - Trent served as the environmental project lead for the hardening and replacement of approximately 550 linear feet of seawall. Responsibilities included conducting a benthic survey, wetland delineation within 50 feet of the proposed improvements, establishing wetland boundaries, assisting the design team to avoid impacts to mangroves, preparing environmental permit applications and a technical memorandum, and coordinating with permitting agencies including SFWMD and USACE. The scope also included an EFH assessment and interagency coordination to support permitting.



Education

- B.S. Biology Florida Atlantic University, 2016

Special Qualifications /Certifications

- Registered Burrowing Owl Agent
- FDEP Florida Stormwater Erosion & Sedimentation Control Inspector
- SFAEP Wetland Delineation Training
- SCUBA Certified PADI Open Water
- Certified Advanced Florida Master Naturalist

Shannon Kelley holds a Bachelor of Science degree in Biology with an emphasis in marine biology and has over eight years experience in the environmental field. She has worked as the Environmental Lead on major and minor projects which focus on environmental impact assessments, protected species, wetlands and surface waters, noise, contamination, and other National Environmental Policy Act (NEPA) documentation. Shannon has worked in both laboratory and field settings; conducting research projects and analyzing and collecting data.

PROJECT EXPERIENCE

Miscellaneous Environmental Services, Districtwide Mitigation, Wildlife, and Environmental Support Services Contract, Florida Department of Transportation (FDOT) District 4 – Assistant Project Manager. This Districtwide contract includes several environmental services including but not limited to preparing NEPA documents, wetland and species surveys, mitigation services, listed species consultation, coordination with various agencies, and benthic surveys. Projects under this contract include preparing a Natural Resource Evaluation (NRE) for Jensen Beach on SR A1A, conducting species surveys on the Donald Ross Road and Spanish River Boulevard landscaping projects, and assisting on NEPA Reevaluations for the SR 710 projects.

Environmental Permitting, Florida Turnpike from Sawgrass Expressway to Glades Road Design Project, Florida’s Turnpike Enterprise (FTE), Broward and Palm Beach Counties, FL – This project involves the widening of the Turnpike as well as drainage improvements and work within the E-2W Canal (owned by Lake Worth Drainage District (LWDD)). Responsibilities include preparing

environmental permit applications for the LWDD, Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD), and the U.S. Army Corps of Engineers (USACE).

- **NEPA & Environmental Permitting, Barwick Road Local Agency Program (LAP) Project, Florida Department of Transportation (FDOT) District 4 and City of Delray, Palm Beach County, FL** – This minor LAP project involves the addition of shared-use lanes, drainage improvements, and work within the L-32 Canal (owned by LWDD). Senior Environmental Scientist responsible for writing the Categorical Exclusion Type 1 document and preparing environmental permit applications for SFWMD and FDEP.
- **Environmental Permitting, Port St. Lucie Boulevard Design Project, FDOT District 4, St Lucie County, FL** – This project includes the widening of PSL Blvd from two to four lanes, including widening of the bridge over the E-84 Canal and dredging within the E-107 Canal. Senior Environmental Scientist responsible for conducting field reviews and preparing permit applications including a SFWMD Environmental Resources Permit (ERP), USACE 404, and City of Port St Lucie (CPSL) right-of-way (ROW) permit.
- **NEPA Documentation, Matheson Hammock Park Bridge, Project Development and Environment (PD&E) Study, Miami-Dade County Department of Transportation and Public Works (DTPW), Miami-Dade County, FL** – This project involves the replacement of the bridge within Matheson Hammock Park. Senior Environmental Scientist responsibilities include conducting field work including assisting with benthic seagrass surveys, wetland delineations, and general species surveys. Responsibilities also include preparing all NEPA documents including the NRE, Sociocultural Effects Evaluation (SCE), Contamination Screening Evaluation Report (CSER), Air Quality memo, Water Quality and Sole Source Aquifer (SSA) documentation, Section 4(f) documentation, Categorical Exclusion Type 2 document, and coordinating with agencies as needed.

- **NEPA Documentation, SR-401 PD&E Study, FDOT District 5, Cape Canaveral, FL** – This PD&E Study involves the replacement of three bascule bridges over the Canaveral Barge Canal, adjacent to the Banana Aquatic Preserve and the Merritt Island National Wildlife Refuge. Responsibilities include writing the Natural Resources Evaluation (NRE) Report, assisting FDOT with Florida Fish and Wildlife Conservation Commission (FWC) Consultation, and assisting FDOT with mitigation plans for mangrove impacts.
- **NEPA Documentation, Quail Roost Drive PD&E Study, FDOT District 6, Miami-Dade County, FL** – This PD&E study involves the widening of Quail Roost Drive from 2 to 4 lanes. Senior Environmental Scientist responsible for performing field work for contamination, community facilities, and Florida bonneted bat (FBB) survey as well as assisting with USFWS consultation. Also prepared the SCE, Air Quality Memorandum, CSER, updated NRE, and Categorical Exclusion Type 2 document.
- **Wildlife Survey, Burrow Collapsing, & Environmental Permitting, Palm Beach International (PBI) Airport Signature Flight Support Hangar, Palm Beach County, FL** – This project involves the construction of a new hangar on airport property. Senior Environmental Scientist responsible for conducting burrowing owl surveys, preparing a Migratory Bird Nest Removal Permit and permit addendum, and scoping and collapsing burrows.
- **NEPA Documentation, I-95 PD&E Study, FDOT District 4, Fort Lauderdale, FL** – This study involves improvements to three interchanges. Senior Environmental Scientist responsible for writing the SCE, Section 4(f) documentation, Air Quality Memorandum, CSER, NRE, Categorical Exclusion Type 2 document, and assisting with USFWS Consultation. Responsibilities also include conducting field reviews for contamination, community facilities, wetlands, and listed species including a visual survey for the FBB.
- **NEPA Documentations, East-West Corridor Metrorail Extension PD&E Study, Miami-Dade County Department of Transportation and Public Works (DTPW), Miami-Dade County, FL** – This project involves the evaluation of potential environmental impacts of multiple alignment alternatives in support of the PD&E Study for the proposed East-West transit Corridor. Senior Environmental Scientist responsible for updating the CSER as well as the NRE Report due to extension of project limits and new information obtained through desk top analysis and field investigation(s).
- **NEPA Documentation, Flagler Street Demonstration Project, FDOT District 6, Miami-Dade County, FL** – This FDOT District 6 project involves providing improvements to Flagler St. and SW 1st St. from approximately NW 27th Ave to SW 6th Ave by implementing Business Access Transit (BAT) Lanes by repurposing an existing travel lane between the existing project limits. Senior Environmental Scientist responsible for preparation of the NRE, SCE, Section 4(f) documentation, and Categorical Exclusion Type 2 document.
- **Permit Compliance, NPDES Annual Compliance Inspections, Palm Beach County Airports, FL** – Senior Environmental Scientist responsible for conducting Stormwater Pollution Prevention Program (SWPPP) annual compliance inspections for 4 airports. Inspections included filling out individual forms for all tenants while inspecting for appropriate chemical management to ensure tenants are discharging into the stormwater system appropriately, and ensuring tenants are complying with the SWPPP. Annual Compliance Reports were written to summarize information.
- **Environmental Compliance, FDOT District 6 Environmental Compliance Inspection Projects, FDOT District 6, Miami-Dade County, FL** – These series of construction projects are located throughout Miami-Dade County. Responsibilities include conducting environmental compliance inspections based on project design plans and permits.
- **Wildlife Survey, Gopher Tortoise Survey, Publix Distribution Center, Boynton Beach, FL** – Senior Environmental Scientist responsible for conducting gopher tortoise presence/absence survey via transects to determine the location of gopher tortoise burrows in both an open field and forested setting. Recorded location of burrows via Global Positioning System (GPS), and determined if the burrows were potentially occupied, inactive, or abandoned. Summarized findings into memo format.
- **Burrowing Owl Survey & Burrow Collapsing, Widen Taxiways F and P4, Relocation of Taxiways B and C, Boca Raton Airport Authority (BRAA), Boca Raton, FL** – Senior Environmental Scientist responsible for conducting burrowing owl surveys via transects including determining which burrows were in the construction work zone and scoping and collapsing 10 burrows. Recorded data including status of burrows, GPS location, and pictures.
- **Wildlife Survey, Snake Creek Canal (C-9) Burrowing Owl Survey, Water and Sewer Department (WASD), Miami-Dade County, FL** – Conducted presence/absence burrowing owl survey via transects. Recorded data including status of burrows, GPS location, and pictures. Prepared FWC permit amendment.



Education

- M.S. Marine Biology, Nova Southeastern University, 2021
- B.S. Marine Biology, Nova Southeastern University, 2017

Special Qualifications /Certifications

- FAEP Wetland Delineation Training
- FAEP Advanced Hydric Soils Workshop
- Burrowing Owl Registered Agent (RAG-22-0040)
- SFAEP Water Quality and FDEP SOP Training
- NOAA Coastal Inundation GIS Mapping Training
- FDEP Stormwater Management Inspector #49803
- Phase I Environmental Site Assessment
- AAUS Scientific Diver (#32088)
- PADI Dive Master #435208

Kevin Cash holds a Master of Science in Marine Science with a concentration in Marine Biology and has over five years of experience in the environmental field. His expertise includes teaching various survey techniques for both land and underwater environments. He has significant experience working in both laboratory and field settings, where he has designed research projects, analyzed and collected data, defended and published his findings. Kevin has multiple years of experience working for CECOS conducting jurisdictional wetland delineations, as well as benthic and listed species surveys. He has also prepared UMAM and WRAP scores for projects with anticipated wetland impacts. He has conducted multiple species-specific surveys, including 15 and 100% gopher tortoise surveys, visual roosting surveys for the Florida bonneted bat, call and response surveys for the eastern black rail, crested caracara surveys, and a multitude of scoping and collapsing efforts for the Florida burrowing owl. Kevin is also experienced in writing and reviewing NEPA support documents, preparing and submitting permit applications, and is proficient in Geographic Information Systems (GIS).

PROJECT EXPERIENCE

Environmental Permitting, Pine Island Road from Griffin to Nova Drive, Broward County, FL - This project was designed to create a new six-lane roadway including one bridge widening, pavement marking and signing plans, five signalized intersections, lighting plans, bulkhead wall along the Central Broward Water Control District (CBWCD) N-12 Canal and archeological assessment. Conducted field review of project corridor, assessing trees for potential roosting habitat for FBB. Prepared the Phase I contamination assessment, including creating GIS figures. Assisted with preparation of the South Florida Water Management District (SFWMD) Environmental Resource Permit (ERP) application.

Wetland Delineation, Wildlife Surveys, and Environmental Permitting, Pembroke Road Expansion, City of Miramar, Broward County, FL - The project involves a 5.6-mile road widening and extension that includes widening of Pembroke Road from SW 160th Ave. (Dykes Road) east to SW 196th Ave. from a

two-lane road to a four-lane divided roadway and the extension of Pembroke Road from SW 160th Ave. to connect with US-27. Additionally, Miramar Parkway will be extended from SW 192nd Ter. to Pembroke Road. Environmental Specialist: Performed wetland delineations, conducted Florida bonneted bat tree surveys, and general protected species surveys including FBB, wood stork, eastern black rail, snail kite, and bald eagle. Assisted in the preparation of environmental permit applications, including GIS mapping for S404, SFWMD ERP, and BC Environmental Resource License.

- **Benthic Survey & Environmental Permitting, Bicentennial Park Seawall Hardening/Replacement, Town of Lantana, Palm Beach County, FL** - The project involves hardening and replacing the existing 550 linear foot seawall along the east side of Bicentennial Park located within the town of Lantana. CECOS was responsible for conducting the benthic survey and preparing the environmental permit applications. Environmental scientist responsible for conducting a benthic survey and wetland delineation to identify submerged aquatic vegetation and mangroves within 50 feet of the proposed improvements, establishing wetland lines, and preparing GIS graphics for permit application utilization.

- **NEPA Documentation, Quail Roost PD&E Study, FDOT District 6, Miami-Dade County, FL** – This project involves the widening and resurfacing of Quail Roost Drive. Environmental Scientist: Conducted field review of the project corridor, including conducting interviews at potentially contaminated site locations, social cultural facilities, and conducting visual FBB roosting survey of adjacent trees, as well as preparing GIS figures for the PD&E documentation (CSER, SCE).
- **Permit Compliance, Districtwide Local Agency Program (LAP) Environmental Construction Compliance Monitoring, Florida Department of Transportation (FDOT) District 6, Miami-Dade & Monroe Counties, FL** – This FDOT project involves over 30 ongoing construction projects throughout Miami-Dade and Monroe Counties. Conducts regular inspections, including pre and post construction inspections of entire project corridors and proposed staging areas. Coordination with FDOT, contractors, and CEI's to ensure projects are in compliance with applicable permits. Participation in pre-construction and environmental kick-off meetings, preparation of environmental issues memorandums, and conducting staging area reviews.
- **Environmental assessment, NEPA Documentation and Environmental Permitting, City of Deerfield Beach Crystal Lake Dr and NW 45th St Improvements LAP Project, Broward County, FL** – This project involves the construction of a 5-foot sidewalk to fill gaps along Crystal Lake Road, and a new 5-foot sidewalk along the north side of NW 45th Street. Additionally, the construction of a roundabout is proposed at the intersection of Crystal Lake Drive and NW 45th Street. Environmental Scientist: Kevin was responsible for conducting an environmental assessment, identifying and delineating adjacent wetlands and other surface waters, as well as reviewing the project corridor for general listed species presence/ absence. Kevin documented the results in a Mini-National Resource Evaluation, Type 1 Categorical Exclusion, Environmental Issues Memorandum, and an Environmental Permit Memorandum.
- **Environmental Permitting and Wetland Delineation, NW 12 ST Bus Lane Project, DTPW, Miami-Dade County, FL** – This project consists of the widening of NW12th Street from west of the HEFT (Dolphin Station Park and Ride Facility) to NW 107th Avenue for the inclusion of a dedicated bus lane and sidewalk. Senior Environmental Specialist: Coordinated, planned, and conducted a wetland delineation following the USACE wetland delineation manual. Digitized the jurisdictional wetland line and provided the design team geospatial results and documented findings compiled within a comprehensive technical memorandum. Prepared environmental support documents for the USACE section 404, SFWMD ERP, and Miami-Dade Class III, IV, and V permit applications.
- **Environmental Permitting, Florida Turnpike from Sawgrass Expressway to Glades Road Design Project, Florida's Turnpike Enterprise (FTE), Broward and Palm Beach Counties, FL** – This project involves the widening of the Turnpike as well as drainage improvements and work within the E-2W Canal (owned by Lake Worth Drainage District (LWDD)). Responsibilities included conducting environmental field reviews, preparing GIS figures for and assisting with the environmental permit applications for the LWDD, Florida Department of Environmental Protection (FDEP), U.S. Army Corps of Engineers (USACE), and South Florida Water Management District (SFWMD).
- **NEPA Documentation, Flagler Street Demonstration Project Development & Environment (PD&E) Study, FDOT District 6, Miami-Dade County, FL** - This FDOT District 6 project involves improvements to Flagler St. and SW 1st St. from approximately NW 27th Ave to SW 6th Ave by implementing a Business Access and Transit (BAT) Lanes by repurposing an existing travel lane between the existing project limits. Prepared the Contamination Evaluation Screening Technical Memo and conducted desktop and field reviews. Created figures for all required National Environmental Policy Act (NEPA) documents, including the Natural Resources and Environment (NRE) Report, Social Cultural Effects (SCE) Evaluation Report and Contamination Evaluation Screening Report (CESR).
- **Benthic Resource Survey, Matheson Hammock Park Bridge PD&E Study, Miami-Dade County Department of Transportation and Public Works (DTPW), Miami-Dade County, FL** – This DTPW project involves the evaluation of potential environmental impacts considered for the rehabilitation and or replacement of the existing Matheson Hammock Park Bridge 874294. The existing bridge is located within the Matheson Hammock State Park, crosses over surface waters directly connected to Biscayne National Park and is surrounded by natural mangrove hammocks. Assessed benthic resources, delineated wetland boundaries, and documented existing conditions, accounting for left, right, and center alternatives, to be included in all required NEPA documents, including the NRE, SCE, and CSER. Prepared GIS figures for field efforts and PD&E associated documentation.

MARANDA ALMY KLES, PhD, RPA
Senior Scientist



Dr. Kles, Vice President of Archaeological Consultants, Inc (ACI), has extensive experience in prehistoric archaeology and physical anthropology specializing in Southeastern archaeology and bioarcheology with 14 years in CRM management. She has worked as an archaeologist and physical anthropologist for the Southeast Archeological Center (SEAC) of the National Park Service, various Cultural Resource Management firms and universities in Florida and Louisiana. She conducts skeletal analyses for Medical Examiner and Coroner offices, as well as museums and other agencies. In addition, Dr. Kles' expertise includes an understanding of Southeastern culture history and its importance to implementing the Native American Graves Protection and Repatriation Act and Section 106 of the National Historic Preservation Act.

Education

MA 2004, MS 2005, PhD 2013

University of Florida, Anthropology, BA 2001

Relevant Professional Training

Department of the Interior NAGPRA Training, 2009, 2011, 2012 and consultant to government agencies; Section 106 training

Professional Memberships

American Association of Physical Anthropologist

Florida Anthropological Society, board member

Florida Archaeological Council, board member

Southeastern Archaeological Conference

Society of American Archaeology

Awards/Honors

John Griffin Award from Florida Archaeological Council, 2012

NPS STAR Achievement Award - NAGPRA, 2010

NPS STAR Achievement Award - Mangum Mound Repatriation, 2011

- Project & Contract Manager for a diversity of undertakings on behalf of all FPL and all FDOT districts, Florida's Turnpike Enterprise, and the Central Environmental Management Office (CEMO). Project types include PD&E studies and re-evaluations; pond siting surveys; right-of-way transfers; bridge replacements; effects determinations and Section 106 Case Study Reports; and Memoranda of Agreement (MOA).
- Experience in Phase I and II surveys and investigations in Florida and Louisiana.
- Familiarity with terminology, statutes, codes and language formats for cultural resource assessment survey reports in compliance with Quality Assurance/Quality Control (QA/QC) for grammar, contexts and editing.
- Experience in applying federal regulations including 25USC3001 and 43CFR10 as related to federal notices and in preparation of reports for National NAGPRA.
- Expertise in evaluating forensic and/or historic NAGPRA- significance of human remains and artifacts for state and federal agencies.
- Completes osteological analyses for Florida Medical Examiners' offices, Louisiana coroners' offices, and various other entities concerning forensic and archaeological cases (biological profiles, photography, radiography, 3-D scanning, and excavation), for local, state, and federal law enforcement agencies.
- Experienced historical and archaeological researcher of material culture and mortuary patterns in the Southeast and investigations in unmarked Conducts unmarked cemeteries and other mortuary settings.
- Experience in training state/federal agency personnel to evaluate archaeological site disturbances on U.S. and Florida Lands.
- Conducts training for law enforcement officials in human and non-human skeletal identification.
- Conducts research for Native American petitions for federal acknowledgment pertaining to cultural, customs, and art.
- Participant and consultant to Southeastern Native American tribes on behalf of NPS-SEAC for repatriation specific to federal agency and tribal requests.

Experience as Project Manager/Assistant Project Manager:

- Tampa M.O.V.E.S. Cultural Resource Assessment Survey, Citywide Bicycle and Pedestrian Improvements, N Boulevard from W Sligh Avenue to E Bird Street, Hillsborough County, Florida
- East Terry Street from Old 41 Road to Bonita Grande Drive, Lee County, Florida

8110 Blaikie Court, Suite A, Sarasota, Florida 34240, (941) 379-6206
 Tallahassee Area Office: (850) 926-9285 • St. Augustine Area Office: (904) 829-9100

Ms. Irby is a Senior Scientist and Architectural Historian at ACI's Sarasota office with 14 years' experience working in the fields of architectural history, land surveying, and engineering researching and evaluating the built environment and 9 years in cultural resource management (CRM). Ms. Irby regularly conducts architectural/historical field surveys to identify, photograph, record, and evaluate historic resources for listing in the NRHP and local registries. In the field, Ms. Irby has conducted historical site assessments for Section 106 compliance including viewshed analysis throughout the State of Georgia. In addition, Ms. Irby conducts historical research and prepares the historical context and survey results for Cultural Resources Assessment Survey reports and technical memoranda. Ms. Irby's strengths lie in applying analytical and research-based methods to decision making and innovative problem-solving processes.



Professional Credentials

Meets the Secretary of Interior's Professional Qualifications Standards

Leadership in Energy and Environmental Design Accredited Professional (LEED AP), Specialty in Building Design + Construction

M.F.A., Architectural History, Savannah College of Art & Design, 2013

B.S., Business Administration, Meredith College, 1998

Society of Architectural Historians

National Trust for Historic Preservation

Congress for New Urbanism

Relevant Professional Training

Section 106: Agreement Documents (NPI)

Section 106: An Introduction (NPI)

NEPA Compliance and Cultural Resources, (NPI)

Section 4(f) Compliance for Historic Properties, (NPI)

Georgia Historic Preservation Commission Training

American Vernacular Architecture

Documenting the Built Environment

- Applies various qualitative research methods to interpretive analysis, critiques, and field studies in order to evaluate and document the unique layers of the built environment.
- Conducts historical research and prepares project-specific historical overviews using research tools such as: USGS quadrangle maps, historic Sanborn fire insurance maps, deed and tax records, city directories, historical aerials, various GIS systems and other mapping software for aerial photograph interpretation.
- Performs Quality Assurance/Quality Control on reports by revising, editing, and contributing to the preparation of Survey Reports as well as Assessment of Effects Reports.
- Prepares historic resource surveys, including documentary and background research, historic contexts, local designations, Determinations of Eligibility (DOE), and mitigation measures for residential and commercial buildings and districts, and roadways.
- Completes Section 106 work involving the identification and documentation (photographic and written) of historic resources, evaluating NRHP eligibility of individual structures and districts, writing historic contexts, establishing areas of potential effects and assessing primary and secondary effects, and writing technical reports encompassing documentation, eligibility, and effects determinations for submission to the SHPO.
- Conducts historical site assessments and historic resource evaluation considering integrity & National Register eligibility determination.

Experience as an Architectural Historian

- Tampa M.O.V.E.S. Cultural Resource Assessment Survey, Citywide Bicycle and Pedestrian Improvements, N Boulevard from W Sligh Avenue to E Bird Street, Hillsborough County, Florida
- East Terry Street from Old 41 Road to Bonita Grande Drive, Lee County, Florida

Ms. Hutchinson, Senior Archaeologist/Project Archaeologist and ACI Laboratory Director, has 38 years of Cultural Resource Management (CRM) experience throughout Florida. She is responsible for crew, vehicle, and equipment scheduling for all FDOT District projects. Ms. Hutchinson also organizes and manages laboratory operations and oversees technicians in the analysis of artifacts including their identification, evaluation, and interpretation. She is responsible for collections management including the accessioning and treatment of cultural materials in compliance with pertinent federal and state regulations. Final curation, including packaging prior to conveyance to the client, or final disposition of the material to a curatorial facility, is under her supervision as well.



Professional Credentials

Meets the Secretary of Interior's Professional Qualifications Standards

Registered Professional Archaeologist (RPA)

M.A. Anthropology/Public Archaeology, University of South Florida, 1990

B.A. Anthropology, Marshall University, 1985

Florida Archaeological Council (Past-President)

Hillsborough County Historic Resources Review Board (Past Chair)

Florida Public Archaeology Network (Former Director)

Relevant Professional Training

Revised Section 106 Workshop

Cultural Resource Management Plans: Preparation and Implementations

Workshops in Ceramic, Faunal, Lithic Analysis, Human Osteology

CPR, Environmental First Aid, AED, and OSHA Certified

"Working Efficiently with Tribal Governments"

- Liaison between the FDOT Districts/Turnpike and the SHPO for Continuing Services Contracts, Task Assignments, and PD&E Studies; responsible for preparing FDOT letters to the SHPO for final project submittal and approval.
- Oversight for over 700 cultural resource linear projects for the FDOT, Florida's Turnpike Enterprise, and various county and city governments.
- Lead technical writer for cultural resource assessment component for PD&E Study reports, Pond Siting reports, Right-of-Way Transfers, Corridor Re-Evaluations, and Bridge Replacements.
- Development of site predictive models for corridor analysis based on knowledge of current historic and prehistoric Florida environments, geology, and natural resources.
- Experience with 36 CFR 800, Section 106, NEPA, and Chapters 267 and 872, *Florida Statutes*, as well as local ordinances for municipalities and other relevant federal, state, and local laws and regulations.
- Experience with alternate survey methods including ground penetrating radar (GPR), probing, and historic and modern aerial photography.
- Public involvement experience with certified local governments, county archaeologists, and other local agencies involved with historic preservation.
- Preparation of NRHP nominations, Determinations of Eligibility (DOE), Linear Resource Group Forms, and Florida Master Site File (FMSF) forms.
- Is the Lead Technical Person for ACI's Quality Control/Quality Assurance Compliance.
- Has training in Cemetery Resources Protection, attended cemetery seminars, monitors all GPR conducted at known and unknown cemetery sites.

Experience as Project Archaeologist

- Tampa M.O.V.E.S. Cultural Resource Assessment Survey, Citywide Bicycle and Pedestrian Improvements, N Boulevard from W Sligh Avenue to E Bird Street, Hillsborough County, Florida
- East Terry Street from Old 41 Road to Bonita Grande Drive, Lee County, Florida

Jessica McRory, PE, LEED AP

SENIOR GEOTECHNICAL ENGINEER



Contact Information

813.944.3464
jmcroy@arehna.com

5012 W. Lemon Street
Tampa, Florida 33609

Licenses

Professional Engineer
Florida Registration No. 68440, 2008
LEED Accredited Professional

Experience

21 years total
15 years at AREHNA

Education

Master of Science, Civil Engineering,
Geotechnical Concentration
University of South Florida, 2004

Bachelor of Science, Civil Engineering
University of South Florida, 2003

Career Summary

Ms. McRory has managed the geotechnical aspects of testing, design and construction for over a thousand engineering projects over the last 22 years. Her involvement has included analysis and evaluation of soil conditions pertaining to new construction design, as well as ongoing construction projects. Project experience has ranged from task order contracts to large FDOT projects. Other responsibilities have included coordinating geotechnical field and laboratory testing, as well as construction materials testing services. Evaluations have included soil and groundwater conditions, determining soil bearing capacity and consolidation characteristics and analyzing the performance of various types of foundation systems. Ms. McRory has provided recommendations for shallow foundations, various ground improvement techniques and deep foundation systems including driven piles, drilled shafts and augercast piles.

Project Experience

Pine Island Road from Orange Drive to Nova Drive, Davie, Broward County, Florida

Ms. McRory serves as the Contract Manager for geotechnical services. Project includes widening of approximately 1.9 miles of two new lanes, bridge widening, new bulkhead wall, and miscellaneous structures.

Pine Island Road from Commercial Blvd., to McNab Road, Broward County Highway Construction & Engineering Division, Tamarac, Florida (TRN2127896P1)

Ms. McRory is providing geotechnical engineering services for this roadway improvements project, which consists of reconstruction of Pine Island Rd from 4 to 6 lanes, with accommodation for bicycles and pedestrian in each direction (about 1 mile total). Includes drainage improvements and miscellaneous structures (lighting and signalization).

Continuing Construction Engineering and Inspection (CEI) and Design Services Broward County, Florida

Ms. McRory serves as the Contract Manager providing geotechnical and materials testing services for design and roadway studies and traffic projects on this continuing services contract. Scope includes roadway improvement projects, bridge design and replacement, miscellaneous structures, traffic safety, signing, subarea/corridor planning, signalization and drainage systems.

City of Oakland Park | Mast Arm Foundation - Consulting Services for Lighting and Sidewalk Improvements Consulting Services for Lighting and Sidewalk Improvements, Broward County, Florida

Ms. McRory serves as the Geotechnical Contract Manager for this contract on an as needed basis to provide geotechnical engineering services. This project consists of sidewalk additions with ADA improvements, milling and resurfacing, signing and marking, mast arm structures and landscaping and improvements to existing lighting system.

County-Wide Continuing Engineering Services for Traffic, Roadway, and Civil Projects, Broward County, Florida

Ms. McRory supports this county-wide task-order contract on an as-needed basis providing geotechnical engineering. Project tasks include design, engineering, study, analysis and evaluation, implementation, construction, and construction management of various projects.

Various Engineering Services for Traffic Engineering and Transportation Planning – Continuing Contracts, Hollywood, Broward County, Florida

Ms. McRory supports this contract providing geotechnical and materials testing services on this task order contract. Scope includes roadway improvements, design, drainage, traffic safety, roadway studies and inspections.



Contact Information

954.495.1710
aalba@arehna.com

5389 N Nob Hill Road
Sunrise, Florida 33351

Licenses

Professional Engineer
Florida Registration No. 58538, 2002

Experience

26 years total
11 years at AREHNA

Education

Master of Science, Civil Engineering
(Geotechnical)
Massachusetts Institute of Technology,
1998

Bachelor of Science, Civil Engineering
University of Puerto Rico, 1995

Career Summary

Ms. Alba has provided geotechnical engineering services on numerous geotechnical explorations over the past 26 years, including serving as the Geotechnical Discipline Lead for the I-595 Corridor Improvement project in Broward County, Florida, which is the first Public-Private-Partnership (P3) project ever awarded by FDOT. Ms. Alba has been involved in the planning, analysis, execution, and review of geotechnical projects ranging from roadway and railways to complex roadway bridge and tunnel projects to commercial high-rise buildings, school projects, and other local municipality projects. Ms. Alba has performed evaluations for retaining walls, drainage structures, shallow foundations, driven piles, drilled shafts, augercast piles, micropiles, and pressure injected footings. Ms. Alba's experience has also included finite element analysis, slope stability evaluations, soil nail wall design, and evaluation of geosynthetics applications, and geotechnical ground improvement techniques.

Project Experience

Various Engineering Services for Traffic Engineering and Transportation Planning – Continuing Contracts, Hollywood, Florida AREHNA supports this task order contract on an as-needed basis for geotechnical and materials testing services. Scope includes roadway improvements, design, drainage, traffic safety, roadway studies and inspections. Ms. Alba serves as the Geotechnical Project Manager.

Broward Mobility - 58th Avenue from Pembroke Road to Stirling Road – Complete Street, Hollywood, Florida Ms. Alba served as the Chief Geotechnical Engineer for this improvement project which consist of a two-lane urban roadway, east of US 441 and North of Pembroke Road in Hollywood, Florida. Scope consisted of milling, resurfacing, and widening 56th Avenue with an existing 5-foot concrete sidewalks to accommodate a 5-foot wide bike lane on both sides of the existing roadway.

Broward Mobility - SW 56th Avenue from Pembroke Rd to Stirling Road, District Four, Broward County, Florida Ms. Alba served as the Chief Geotechnical Engineer for this mobility project, which consists of constructing sidewalk and pavement widening for bicycle lanes to approximately 3.5 miles of SW 56th Ave. AREHNA provided geotechnical engineering services for this mobility project, which consists of constructing sidewalk and approximately 3.5 miles of pavement widening to accommodate a 5-foot wide bicycle lanes on both sides of SW 56th Avenue from Pembroke Road to Stirling Road.

Consulting Services for Lighting and Sidewalk Improvements Broward County, Florida Ms. Alba supports this contract on an as-needed basis to provide support for geotechnical engineering services on this project which consist of sidewalk additions with ADA improvements, improvements to existing lighting system, milling and resurfacing, signing and marking, and landscaping.

Mast Arm Foundation - Consulting Services for Lighting and Sidewalk Improvements Consulting Services for Lighting and Sidewalk Improvements, Broward County, Florida Ms. Alba is serving as the Chief Geotechnical Engineer for this contract on an as needed basis to provide geotechnical engineering services. This project consists of sidewalk additions with ADA improvements, milling and resurfacing, signing and marking, mast arm structures and landscaping and improvements to existing lighting system.

West Hillsboro Blvd., Bike Lanes & Lighting Improvements, Broward County, Florida Ms. Alba is serving as Chief Geotechnical Engineer for this roadway improvement project, which includes approximately 1.5 miles of new bike lanes in both directions, associated drainage improvements, and new lighting system along Hillsboro Blvd. from Loxahatchee Rd to SR-7. Improvements will include sidewalks, new roundabout at NW 64th Terrace, and milling and resurfacing.

Angela L. Alba, PE

Low Stress Multimodal Mobility Transportation System Master Plan, Broward County, Florida Ms. Alba serves as Chief Geotechnical Engineer for this project which consists of the design of multimodal transportation facilities for pedestrian safety, sidewalks, walking, biking, and other non-motorized personal conveyance devices a long roadway network.

George Bush Blvd. from NE 2nd Ave. to SR-A1A, District Four, Palm Beach County, Florida Roadway and drainage improvement project with the addition of bike lanes, sidewalks, pedestrian crosswalks, milling and resurfacing, lighting and signage along George Bush Blvd (from NE 2nd Ave to SR-A1A, Delray Beach approximately 0.89 miles).

CR-510/85th St. from 87th St. to W 82nd Ave. (Off-Systems), District Four, Indian River, Florida Ms. Alba is serving as the Chief Geotechnical Engineer for this roadway improvement project. The proposed improvements will consist of adding two lanes with a 30-foot median and curb on both ends, 7-foot bicycle lanes, and 6-foot concrete sidewalks on both sides of the roadway. The project also includes a proposed bridge replacement over Lateral D Canal and a drainage pond.

Loxahatchee Rd. from Arthur Marshall Loxahatchee Refugee to SR-7/US-441, District Four, Broward County, Florida Ms. Alba is serving as the Chief Geotechnical Engineer for this off-system project which includes approximately 6 miles of bike lanes, sidewalks, widening, and resurfacing.

District-Wide Design Minor Projects/production Support (Contract Nos. C9O11, C9Q84 & C9T43), District Four, Florida Ms. Alba served as the Chief Geotechnical Engineer for task work orders associated with roadway improvements that include traffic safety, lighting structures, overhead sign structures, mast arm structures, and drainage structures.

Broward Mobility Project - Washington Street & 72 Avenue, District Four, Broward County, Florida Ms. Alba is serving as the Chief Geotechnical Engineer for this mobility project, which consists of design services, bike path/trail, mobility improvements and roadway widening. Ms. Alba's responsibilities include field and utility coordination, roadway analysis, Quality Assurance/Quality Control, report preparations and recommendations.

SR-5/US-1 from North of SE Fischer Street to North of SE Decker Avenue, District Four, Martin County, Florida This roadway widening project consists of a six-lane divided urban roadway with curb and gutter, sidewalks and bike lanes. Ms. Alba provided geotechnical engineering services, performed pavement cores, quality control, analysis, and recommendations.

SR-729/State Market Rd. from SR-15 to US-441/ E Main St. (FM 446105-1), District Four, Palm Beach County, Florida Ms. Alba is serving as the Chief Geotechnical Engineer for this RRR project, which includes widening of existing shoulders, sidewalk/ shared use path improvements, and milling and resurfacing. Challenges include thick organic (Muck) layers.

Homewood Blvd. from Old Germantown Road to Lawson Blvd., District Four, Delray Beach, Florida AREHNA currently provides geotechnical engineering services for this project which consists of roadway widening, drainage improvements, addition of designated bike lanes and sidewalks, milling and resurfacing, concrete box culvert extensions, retaining walls, and new mast arms structures. Ms. Alba served as Chief Geotechnical Engineer for this project responsible for project oversight, coordination, invoicing, recommendations and reports.

SR-5/ US-1 Drainage Improvements from Edwards Road to St. Lucie County, Florida Ms. Alba serves as the Chief Geotechnical Engineer for this 1.2 mile project, which includes new 72-inch diameter outfall, pipe, new inlets, structures, canal dredging, new sidewalk, and milling and resurfacing.

Continuing Engineering Services for Traffic, Roadway, and Civil Projects (PNC2119168P1), Broward County, Florida Ms. Alba is serving as the Chief Geotechnical Engineer for task work orders associated with roadway improvements that include miscellaneous structures at several intersections.

Professional Continuing Services for Design Projects, District Four, Florida AREHNA has performed geotechnical explorations for a series of roadway improvements and pavement projects under this contract. Scope includes lane widening, intersection improvements, mast arm, drainage improvements, and milling/resurfacing throughout the district. Ms. Alba oversees field and drilling services, laboratory testing, engineering analysis and reporting, utility coordination, permitting and (MOT) maintenance of traffic.

Continuing Services for Design Projects (CAM59, CAB12, C9O11, C9Q84 & C9T43), District Four, Florida Ms. Alba served as the Chief Geotechnical Engineer for task work orders associated with roadway and corridor improvements that included milling and resurfacing, traffic safety, mobility, streetscapes, lighting structures, overhead sign structures, mast arm structures, pedestrian, and bicycle traffic and drainage structures.

District-Wide Design Minor Projects - Production Support (Contract Nos. CA982, CA055, C9O11, C9Q84 & C9T43), District Four, Florida Ms. Alba served as the Chief Geotechnical Engineer for task work orders associated with roadway improvements that include traffic safety, lighting structures, overhead sign structures, mast arm structures, and drainage structures.





Scott Peavler, P.L.A.

Principal Landscape Architect

Mr. Peavler's responsibilities include site planning, landscape and hardscape design, tree removal and relocation plans in AutoCAD and presentation graphics, utilizing knowledge of local and state regulations involved in land development on a range of projects. Coordinating with Clients, City officials, and other consultants to obtain project input and approvals.

Relevant Experience

Dillman Trail LAP Improvements | Greenacres, Florida | Landscape Architect
Dillman Trail was a Palm Beach County TAP (Transportation Alternatives Project) funded FDOT LAP project through the City of Greenacres as the local agency for a 3,964 linear foot meandering 12' wide multi-use pathway and associated drainage swale, landscape, and irrigation system running north south connecting pathways between State Road 882 Forest Hill Boulevard and Dillman Road. The project required careful coordination with Lake Worth Drainage District as the project runs along and adjacent to the LWDD OPC canal. During the LAP process, Craven Thompson worked with Ramon Alvarez and Mya Williams with FDOT on the project. Craven Thompson provided Surveying, Landscape Architecture, Irrigation, Engineering and electrical services for the Dillman Trail Linear Pathway.

Percent of Availability: 30%

Professional Registrations

- Professional Landscape Architect, State of Florida No. LA66669976 (2008)

Education + Training

- Bachelors of Landscape Architecture, Kansas State University (2005)

Years of Experience

- Total: 20; With Firm: 16

Greenacres 2nd Street Roundabout & Sidewalk Improvements

 | Greenacres, Florida | Landscape Architect

The primary intent of the project was to connect various segments of sidewalk at locations throughout the City. A roundabout was constructed at the intersection of Swain Boulevard and 2nd Street to replace a four-way stop. This work also required adjustment of pavement adjacent to new walks at intersections as well as ADA railing and ramps for walks. Pavement marking and signage of paved areas was included in this work. Additionally, grading of swales and embankments along roadsides and the placement and establishment of new sod in these areas was required along with some minor associated drainage work. Tree removal, curbing, and adjustment of utility structure lids will also be incidental and required to perform this work. Craven Thompson performed the surveying, civil engineering, landscape architecture, permitting, and CEI services.

Stunson Nature Trail

 | Oakland Park, Florida | Landscape Architect

The City recently converted an underutilized piece of land used primarily for the storage of stormwater runoff into a park demonstrating the region's various ecological zones. Serving as a site to continue holding stormwater but now connects of a string of County and City parks further providing open space and natural habitat. Project contributions included site design, compiling the native plant list, landscape design, and interpretive signage.

Sunrise Bicycle/Pedestrian, Greenways and Trails Master Plan

 | Sunrise, Florida | Landscape Architect

Craven Thompson along with Alta Planning + Design was hired by the City of Sunrise to prepare a Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city in a manner that is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities.

Shotgun Pedestrian Trail

 | Sunrise, Florida | Landscape Architect

Craven Thompson & Associates, Inc. provided the design, bidding and construction observation of the Shotgun Road Pedestrian Trail Renovation. This included survey, conceptual design for the new trail system as well as full construction documents and specifications for bidding, permitting and construction. The site is located on the west side of Shotgun Road between SW 148th Avenue and SW 14th Street. The site encompasses approximately 5,300 lineal feet along the west side of Shotgun Road. The project scope included the following major elements: replace existing trail with approximately 5,300 lineal feet of 10' wide porous pave pedestrian trail; addition of ten (10) workout stations at trail edge; and addition of new benches and trash receptacles along the trail.



NW 191st Street to Betty T. Ferguson Bikeway Trail, LAP Project | Miami Gardens, Florida | Landscape Architect - Local Agency Program (LAP) funded project that completed the pedestrian and bike lane connectivity within the City of Miami Gardens from the Blueway Trail west of NW 37th Avenue to the Betty T. Ferguson Recreational Complex along NW 191st Street. The project includes installation of a 10-foot-wide pathway, new bike lanes, roadway re-configuration, streetscape removal and mitigation, bonneted bat survey and drainage system restoration and permitting. Craven Thompson provided surveying, landscape architecture, engineering services and coordinated and administered the LAP processing on behalf of the City and designed and permitted the drainage improvements and the modifications to accommodate the pedestrian-cyclist shared path for the one-mile roadway improvements.

Oak Hammock Park | Sunrise, Florida | Principal Landscape Architect

The park contains a **walking/jogging trail** utilizing pervious materials, multiple custom designed picnic pavilions, pervious parking, expansive open play areas, a large playground which includes rock climbing, and two custom designed restroom facilities as well as environmental educational materials along the boardwalk and at the entrance. The park is planted utilizing 75% native species and utilize recycled materials in all site furnishings. Craven Thompson was the prime consultant responsible for the park design as well as the survey, preparation of the open-space park management plan, the design workshops, conceptual site design, Construction Documents and Construction Management for the City of Sunrise.

Cypress Preserve Park | Sunrise, Florida | Landscape Architect

\$3.5 Million. The site plan was designed to preserve and enhance all of the existing natural resources while providing a beautiful, safe and functional passive park for the residents. The park contains a **walking/jogging trail** with exercise stations, an elaborately themed Splash Pad / "Sprayground", pervious parking area, a nine-hole disc golf course, multiple custom picnic pavilions and a custom restroom facility as well as environmental educational materials. As you enter the park a recycled glass river guides the visitors to the "Sunrise Swamp"- Splash Pad and there amongst the lush native vegetation the alligators are there to spray you with water. Craven Thompson and Associates, Inc. was the prime consultant responsible for the park design as well as the survey, preparation of the open-space park management plan, the design workshops, conceptual site design, Construction Documents and Construction Management.

12th Street Park | Sunrise, Florida | Landscape Architect - In order to improve the usefulness, and aesthetics of the park, Craven Thompson designed a **walking path**, benches, receptacles, picnic tables, lighting, landscaping, and signage. The park design received the APWA Project of the Year Award * Beautification in 2017.

Davie Westend Firefighters Park | Davie, Florida | Project Manager | Landscape Architect

The park is a memorial firefighter park / playground. It is a passive park associated with the drainage that includes a small playground with rubber surfacing, a fire fighters cross paver medallion, and a memorial tree for a previous fire chief of the Town. There is also a **pedestrian path** that runs the length of the park with a future connection to a greenway system in the Town. Craven Thompson provided landscape services for the Town of Davie CRA that included the implementation of a passive park / retention area, playground area, parking lot, paved walkways, and landscape areas.

Bluesten Park | Hallandale Beach, Florida | Landscape Architect - Design and construction of a 42,000 square foot recreation center with pool and splash play area, soccer/multi-use field, 3 baseball fields, 3 basketball courts, 2 tennis courts, 2 racquetball courts, boundless ADA inclusive playground, **walking trails** and pavilions; and full promenade streetscape design for surrounding streets for pedestrian friendly corridors and parallel parking.

Jaco Pastorius Park Expansion, Gateway & Fountain | Oakland Park, Florida | Landscape Architect

This project involved the expansion of the park to include a green parking field and infrastructure upgrades for a community garden and City festivals. The expansion included the implementation of a grass parking lot that will be used for overflow parking during the City's annual festivals that are held at Jaco Pastorius Park. Parking, fencing, sidewalk connections, and park signage were provided for the community garden / farming facilities located at the park.



Nicole Pastre, P.L.A.

Landscape Architect

Ms. Pastre's responsibilities include site planning, landscape and hardscape design, tree removal and relocation plans in AutoCAD and presentation graphics, utilizing knowledge of local and state regulations involved in land development on a range of projects. Coordinating with Clients, City officials, and other consultants to obtain project input and approvals. Has direct client contact. Preparation of color renderings of landscape plans for presentations.

Relevant Experience

NW 191st Street to Betty T. Ferguson Bikeway Trail, LAP Project | Miami Gardens, Florida | Landscape Architect - Local Agency Program (LAP) funded project that completed the pedestrian and bike lane connectivity within the City of Miami Gardens from the Blueway Trail west of NW 37th Avenue to the Betty T. Ferguson Recreational Complex along NW 191st Street. The project includes installation of a 10-foot-wide pathway, new bike lanes, roadway re-configuration, streetscape removal and mitigation, bonneted bat survey and drainage system restoration and permitting. Craven Thompson provided surveying, landscape architecture, engineering services and coordinated and administered the LAP processing on behalf of the City and designed and permitted the drainage improvements and the modifications to accommodate the pedestrian-cyclist shared path for the one-mile roadway improvements.

Professional Registrations

- Professional Landscape Architect, State of Florida No. LA6667397 (2018)

Education + Training

- Bachelors of Landscape Architecture, University of California, Davis (2005)

Years of Experience

- Total: 19; With Firm: 5

City of Pompano Beach Streetscape Improvements

 | Pompano Beach, Florida | Landscape Architect

Project entailed beautification, increasing walkability and safety along two busy streets in Pompano Beach, NE 33rd Street and East McNab Road. Provided tree protection and disposition plans, landscape design and irrigation design, including permitting through the City. Worked closely with the City Project Manager and the City Urban Forester to develop project design intent and obtain site plan approval.

SW 48th Avenue Complete Streets Project

 | West Park, Florida | Landscape Architect

The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, and speed lumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, signage, drainage and pavement marking & signage. This is a Broward County Surtax Project.

Mara Berman Giuliani Park | Hollywood, Florida | Landscape Architect - Redesign and update of a popular community park and playground in the City of Hollywood to incorporate amenities such as a new, accessible playground, a walking/jogging trail, a splash pad, a new picnic shelter and potential dog park.

Stunson Nature Trail Viewing Platform | Oakland Park, Florida | Landscape Architect - Developed construction documents for the installation of a wooden viewing platform and boardwalk within the Stunson Nature Trail Park. Project included landscape design, hardscape design and details for the platform and boardwalk system.

Indian Creek Greenway Project

 | Miami Beach, Florida | Landscape Architect

The project includes the restoration and enhancement of the landscape buffer with the introduction of a diverse, low-maintenance, tropical, Florida Friendly, naturalized, and native plant pallet that encourages the return of the area's natural fauna, and promotes the ecology of the waterway for the benefit of the general public. We included a continuous pedestrian connection from the 41st Street bridge southward to the 29th Street pedestrian bridge and onward to form a connection at 25th Street and Collins Avenue. The plan restores vegetation to buffer noise and light pollution and to increase privacy for the residents of the Flamingo Dr. Neighborhood.

Sunset Strip Passive Park | Sunrise, Florida | Landscape Architect - Just under 2 acres, this passive park is located along an idle section of roadway within a single-family neighborhood. The program elements at the park include playground, open play fields, walking path, picnic areas, and restrooms. The landscape concept intends on relocating a series of large royal palms to create a sweeping alley of tall palms reinforcing the shape of the open space design. With a mostly native plant palette the park will provide passive recreational facilities with an ecological component. Responsible for the site plan, basic architectural feature, and landscaping.



Nathan A. Raimondo

Landscape Designer

Mr. Raimondo has operated as project manager to oversee and contribute to production work of construction documents and deliverables. Conducted tree surveys using GPS handheld data equipment, as well as tree sampling and inventory. Coordinated with clients and municipal reviewers to ensure designs were in compliance with local regulations and zoning conditions.

Key contributor in specialized projects with the Defense Logistics Agency Fire Protection Group. These contributions ranged from significant on-site field project mapping exercises. This field work provided the critical data used to develop floor plans and three-dimensional models of various military facilities and structures.

Percent of Availability: 50%

Education + Training

- Bachelor Degree in Landscape Architecture, University of Georgia, College of Environment & Design, Athens, GA (May 2011)
- HOPE Scholarship Recipient: 2006 - 2010, University of Georgia, College of Environment & Design, Athens, GA (2006-2010)

Years of Experience

- Total: 13; With Firm: 3

Computer Skills

- AutoCAD, LandFX, Revit, Sketchup, Adobe Photoshop/InDesign, Microsoft Word, Excel, PowerPoint

Relevant Experience

Sunset Strip Passive Park | Sunrise, Florida | Landscape Designer

Facilitated in the design of tree disposition, hardscape and landscape plans, as well as the development of construction documents for a residential passive park. Site amenities included a looping walking trail with bench seating, bike racks and bike repair station, decorative fencing with entry gates, and entry monument sign. Coordinated with Florida Power & Light to ensure access to overhead powerlines and additional utilities.

Mara Berman Giulianti Park | Hollywood, Florida | Landscape Designer

Redesign and update of a popular community park and playground in the City of Hollywood to incorporate amenities such as a new, accessible playground, a walking/jogging trail, a splash pad, a new picnic shelter and potential dog park.

Golden Shores Urban Trail | Sunny Isles Beach, Florida | Landscape Designer

Conducted on-site tree inventory and analysis to aide in the design of a multi-use urban trail. Construction details included a concrete path with trail markings, a decorative pedestrian crosswalk, and wooden privacy fencing.

NW 191st Street to Betty T. Ferguson Bikeway Trail, LAP Project | Miami Gardens, Florida | Landscape Designer - Local Agency Program (LAP) funded project that completed the pedestrian and bike lane connectivity within the City of Miami Gardens from the Blueway Trail west of NW 37th Avenue to the Betty T. Ferguson Recreational Complex along NW 191st Street. The project includes installation of a 10-foot-wide pathway, new bike lanes, roadway re-configuration, streetscape removal and mitigation, bonneted bat survey and drainage system restoration and permitting. Craven Thompson provided surveying, landscape architecture, engineering services and coordinated and administered the LAP processing on behalf of the City and designed and permitted the drainage improvements and the modifications to accommodate the pedestrian-cyclist shared path for the one-mile roadway improvements.

Shotgun Road Subdivision | Davie, Florida | Landscape Designer

Designed tree protection plans and full landscape construction document packages for a 151 single family home development. Amenities include a multi-use path with bench seating, horse trails, a playground, and decorative landscaped berms along the entry drive.

Aviara West | Pompano Beach, Florida | Landscape Designer

Assisted with the design and development of tree protection, landscape, and site plans for a multi-family residential community. Amenities included a walking trail, pool deck with hot tub, and a dog park. CPTED (Crime Prevention Through Environmental Design) Plans were also developed to ensure safety, security, and proper maintenance of the site.

Tab D: Organizational Profile and Project Team Qualifications

The **RJ Behar Team** has integrated experienced professional who will provide the City with the requested design services. **Ms. Paola Riveros, PE**, will be our proposed **Project Manager and Point of Contact**. She manages production and coordinates with teams of engineers and technicians to deliver FDOT as well as municipal projects. She has over 24 years of engineering experience including significant experience in the design of pedestrian improvement projects, roadway reconstruction, drainage improvements, permitting, ADA ramps, curb & gutter, signing and pavement markings, utility coordination, and minor landscaping. She has managed numerous civil engineering projects throughout South Florida. Her pro-active management style is geared towards providing the municipalities with a cost-efficient, on-schedule and successful project. Ms. Riveros has served as Project Manager for similar projects with the Cities of West Park, Pembroke Pines, Miami, Hialeah, and FDOT; and she understands the municipal process. As the project manager, she will take an active role in ensuring quality in all our deliverables to the City. Her most recent projects include ***SW 136th Street from US-1 to Cutler Road LAP Project; Cresthaven Boulevard from Jog Road to Military Trail Buffered Bike Lanes LAP Project; SW 25th Street from SR-7 to SW 40th Avenue MAP funded Project; Stirling Road Improvement MAP Funded Project.***

Mr. Robert J. Behar, MS, PE, Principal in Charge/President. He oversees the firm's full operation. Mr. Behar has experience in the planning, design, and management of transportation projects nationwide. He was an original member who helped develop the American Society of Civil Engineers (ASCE) publication "Context Sensitive Highway Design Principles" and he is currently a voting member of the Subcommittee for the development of the Complete Streets Chapter in the Florida Greenbook. Mr. Behar has over 47 years of engineering experience. His recent projects include ***Pine Island Road from Griffin Road to Nova Drive MAP Funded Project; Townwide Sidewalk Master Plan Grant 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. Hans Murzi, PE, CFM, Drainage Engineer/Permits. He has 23 years of experience. He has extensive experience in roadway drainage design, drainage field inspections, drainage plan reviews, water resources models, and drainage reports. His experience includes the use of computer programs such as XPSWMM, HEC-RAS, AdICPR, SHE/MIKE 11, ASAD, ArcGIS. Mr. Murzi is a Certified Floodplain Manager. Mr. Murzi serves as one of two District Drainage Engineers for the Central Broward Water Control District. His recent projects include ***Pedestrian Bridge over the Biscayne Canal LAP Project; Drainage Improvements at 4 Locations with Repetitive Losses; 48-Year CDBG NW 9th Street between NE 2nd Avenue and N. Dixie Highway.***

Nestor Santana, PE, Senior Project Engineer/Project Estimator. Mr. Santana has 30 years of experience in construction management for new construction. He has been responsible for 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 is a CTQP Certified with FDOT. 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 – Grant Management/Public Involvement. Ms. Sookdew-Sing has more than 21 years of experience as a Grant Manager, Project Administrator, Contract Support Specialist, Senior Resident Compliance Specialist, 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 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. ***Grants Manager Assistance – Town of Davie; Dillman Trail LAP Project, South Royal Poinciana LAP Project, Safe Routes to School LAP Project.***

Subconsultant Staff:

WGI, Inc. – Mr. Roberto Mantecon, PSM, Senior Operations Manager, he has 47 years of experience in experience leading and performing surveying and mapping assignments, including boundary, hydrographic, topographic, construction layout, ROW, GPS, route, sectional, cadastral, environmental (including stormwater, mitigation, and sewer utilities), and geodetic control surveys; GIS; and CADD. He has extensive municipal experience. *Districtwide Miscellaneous Location Survey Consultant Services, Miami-Dade and Monroe Counties.*

Cyriacks Environmental Consulting Services, Inc. – Ms. Wendy Cyriacks, President/Environmental Services. She has a BS degree in Biology from the University of Miami and over 35 years of experience in environmental analysis and impact studies, NEPA documentation and environmental permitting. She specializes in NEPA studies and environmental permitting for public sector infrastructure projects. She has managed numerous NEPA studies, permitting projects, Section 4(f) documentation and natural resource studies including wetlands, marine resources/benthic surveys, and threatened/endangered species, as well as permit compliance and monitoring for construction projects. Wendy has extensive local knowledge as well as an excellent relationship with the environmental regulatory agencies. Ms. Cyriacks also served as the *Environmental Administrator for the Florida Department of Transportation - Districts 4 and 6.*

Archaeological Consultants, Inc. – Ms. Maranda Kles, PhD, RPA, Dr. Kles, Vice President, she is a Registered Professional Archaeologist with extensive experience in prehistoric archaeology and physical anthropology specializing in Southeastern archaeology and bioarcheology with 14 years in CRM management. She has worked as an archaeologist and physical anthropologist for the Southeast Archeological Center (SEAC) of the National Park Service, various Cultural Resource Management firms and universities in Florida and Louisiana. She conducts skeletal analyses for Medical Examiner and Coroner offices, as well as museums and other agencies. *In addition, Dr. Kles' expertise includes an understanding of Southeastern culture history and its importance to implementing the Native American Graves Protection and Repatriation Act and Section 106 of the National Historic Preservation Act.*

AREHNA Engineering, Inc. – Ms. Angela Alba, PE, Geotechnical Engineering. Ms. Alba has provided geotechnical services on numerous explorations project. She has been involved in the planning, analysis, execution, and review of geotechnical projects ranging from roadway and railways to complex roadway bridge and tunnel projects to commercial high-rise buildings, school projects, parks and trails, and other local municipality projects. Ms. Alba served as Senior Geotechnical Engineer on the following projects: *Indian Trace Roadway/Corridor Improvements, and Weston Road Corridor Improvements.*

Craven Thompson & Associates, Inc. – Mr. Scott Peavler, P.L.A. – Vice President, Planning and Landscape Architecture. Mr. Scott is a professional landscape architect with 20 years of experience. He oversees every project of the CTA Planning and Landscape Architecture Department and is responsible for the processing of plats, site plans, rezonings, right-of-way, project entitlements, land use plan amendments as well as the creation of landscape, hardscape and irrigation plans. He utilizes his knowledge of local, state and federal regulations involved in land development to ensure that client's needs are met, projects are successful and completed on time and within budget. *Dillman Trail LAP Improvements; Sunrise Bicycle/Pedestrian, Greenways and Trails Master Plan.*

TAB E: Approach to Scope of Work



Tab E: APPROACH TO SCOPE OF WORK

Introduction:

The Gracewood Neighborhood Project is the implementation of priority items identified in the City of Hollywood's Complete Streets and Localized Initiatives Program (CSLIP). The project is being funded by the Florida Department of Transportation (FDOT) Local Agency Program (LAP), which requires the plans to be prepared in accordance with FDOT criteria and standards, and the selected firm must have familiarity with LAP and its requirements.

The Gracewood Neighborhood Project will play a vital role in improving sidewalk connectivity by enhancing safety, accessibility, and supporting multimodal transportation. RJ Behar is currently performing the Construction Engineering and Inspection (CEI) services on the Hollywood Beach Heights Neighborhood and the Beverly Park Neighborhood, allowing us to draw on that experience to make us aware and familiar with the issues that sidewalk connective projects present. We gained valuable knowledge and lessons learned of specific challenges and considerations that need to be considered when working on this type of projects. Our proposed Project Manager (PM) is Ms. Paola Riveros, PE. She has been the PM on numerous municipal and FDOT roadway design projects similar to the Gracewood Neighborhood LAP Project. She is intimately familiar with the Florida Greenbook from her experience with municipal projects and was the PM on a recently completed LAP project, Cresthaven Boulevard, for Palm Beach County. She will be supported by an experienced and qualified team of roadway designers, all of whom have significant street design and LAP project experience, which enables her to be uniquely qualified to manage and coordinate the project. The RJ Behar Team is fully aware of the importance of delivering these projects in a timely manner with emphasis on quality.

UNDERSTANDING OF THE SCOPE

Understanding of the scope of work and awareness of specific issues is the most important key element to a successful project. The Gracewood Neighborhood LAP Project consists of the design and permitting of a new 5-foot-wide sidewalk with curb ramps to fill-in gaps and connect to the existing sidewalks. The sidewalks will be installed in the existing swale area. The project is currently identified as a Neighborhood Improvement Project by the City of Hollywood. The Gracewood Neighborhood sidewalk network is within the limits of State Road 7 to the east, North 64th Avenue to the west, Johnson Street to the north and Hollywood Boulevard to the south.

National Environmental Protection Act (NEPA)

The improvement projects are federally funded via FDOT LAP; therefore, they must comply with federal NEPA guidelines. For this reason, RJ Behar selected Cyriacks Environmental Consulting Services, Inc. (CECOS) to provide environmental support and assist with the NEPA process. They have extensive experience assisting FDOT as well as the local agencies having completed numerous environmental reviews. The City must provide a Type I Categorical Exclusion (CatEx) Checklist and backup environmental memorandum to satisfy the LAP and NEPA requirements. CECOS will analyze potential involvement of environmental criteria included in the CatEx by performing a combination desktop analysis and field review. A preliminary review of the corridor revealed a completely developed landscape with commercial and residential as the dominant land uses.

A Cultural Resources Assessment Survey (CRAS) is required per NEPA Guidelines, RJ Behar selected Archeological Consultants, Inc (ACI) to provide archeological services support. A CRAS will be conducted in compliance with both Section 106 of the National Historic Preservation Act (NHPA) of 1966 (Public Law 89-655, as amended), as implemented by 36 CFR 800 -- Protection of Historic Properties (incorporating amendments effective August 5, 2004) and the revised Chapter 267, Florida Statutes (F.S.). It will also be conducted in accordance with the minimum field methods, data analysis, and reporting standards embodied in the Florida Division of Historical Resources' (FDHR) Cultural Resource Management Standards and Operational Manual (February 2003), and Chapter 1A-46 (Archaeological and Historical Report Standards and Guidelines), Florida Administrative Code (F.A.C.). This report conforms with standards set forth in Part 2, Chapter 12 (Archaeological and Historic Resources) of the FDOT Project Development and Environment Manual (June 14, 2017). Principal Investigators meet the Secretary of the Interior's Professional Qualification Standards (48 Federal Register [FR] 44716, as amended and annotated).

City Needs

The City is requesting the following requirements for this project:

- Construction of new sidewalks.
- Construction of pedestrian ramps.
- Improved pedestrian connectivity in the neighborhood.

City Goals

The City of Hollywood wants to provide sidewalk connectivity to the following locations:

ROAD	LIMITS OF SIDEWALK
Tyler Street	62 nd to 62 nd Ave
Duval Street	63 rd Avenue to SR-7
Polk Street	64 th Avenue to SR-7
Taylor Street	64 th to 62 nd Avenue
Fillmore Street	64 th to 62 nd Avenue
Eaton Street	64 th to N 61 st Avenue
Pierce Street	64 th Avenue to SR-7
Buchanan Street	64 th Avenue to SR-7
Lincoln Street	64 th to N 61 st Avenue
W. of 63 rd Avenue	Duval to Johnson Street
N. 61 st Terrace	Hollywood Boulevard to Eaton Street
N. 61 st Avenue	Hollywood Boulevard to Eaton Street
60 th Way	Polk Street to Eaton Street
60 th Terrace	Fillmore Street to Eaton Street

City Objectives

- Obtain FDOT approval.
- Obtain Broward County approval.

EXISTING CONDITIONS

We conducted a field review to get familiar with the area and identify the challenges and issues of this project. We visited each street where a proposed sidewalk is planned. Below are listed our findings on each street.

N. 63rd Avenue

On the west side of the project, there is an existing sidewalk except for two segments that cross driveways. These segments will require the installation of detectable warnings. On the east side of the street, only a small section of sidewalk exists near Lincoln Street. In the area where new sidewalk is proposed, a few mailboxes will need to be relocated. Additionally, we observed concrete power poles along this route. At these locations, the sidewalk width will be reduced to fit between the poles and the right-of-way, maintaining a minimum width of 36 inches at pinch points. At one location, both a wood power pole and a concrete power pole are present. Here, the proposed sidewalk cannot fit in a straight alignment.



West Side



East Side



East Side

N. 61st Terrace

This street has existing sidewalk segments on both sides. Along the proposed sidewalk route, several mailboxes will need to be relocated. On the east side near the intersection with Fillmore Street, one property has multiple parking spaces adjacent to the right-of-way. Additionally, there is landscaping and a large tree on the west side of the road just past Fillmore Street.



N. 61st Avenue

This street has existing segments of sidewalk on both sides. There is a driveway that belongs to Sanctuary Windows and Doors, and that has an existing inlet located on the proposed sidewalk path. The inlet will be impacted.



West Side



NW 60th Way

This street has intermittent sidewalk segments south of Fillmore Street; however, there are no existing sidewalks on the north side. Both sides of the road feature decorative landscaping, and there is a large tree on the west side just beyond Fillmore Street. On the east side, several elements including mailboxes, a pull box, and a decorative light fixture are in direct conflict with the proposed sidewalk location.



East Side



East Side



West Side

N 60th Terrace

This street has only a short segment of existing sidewalk on the east side, just past Fillmore Street. At the end of this segment, an iron pipe crosses over the sidewalk and will need to be relocated. Additionally, there is a mailbox on the west side that will also require relocation.



East Side



West Side



East Side

Tyler Street

This street has a short segment of existing sidewalk on the north side. There are no houses on the south side; however, the land is currently used to store construction materials, and cars use the swale for parallel parking. Along this property, we recommend a sidewalk thickness of 6 inches.



South Side



North Side

Duval Street

East of the Turnpike, the proposed sidewalk conflicts with an existing damaged inlet, which will need to be relocated. West of the Turnpike, vegetation will be impacted and there is a utility box and a tree directly in the path of the proposed sidewalk.



Polk Street

West of the Turnpike, there is a tree with exposed roots at the edge of the right-of-way. East of the Turnpike, there are properties with multiple parking spots.



Taylor Street

There are no existing sidewalks on this street to the east of N. 63 Avenue. In addition, there is some decorative lighting located on the proposed sidewalk path that will need to be removed. On the west side of the street, there are some properties with decorative plants in conflict with the proposed sidewalk. There is an existing fence encroaching the right-of-way (per Broward County's Property Appraiser, this fence is inside the public right-of-way).



Fillmore Street

There are no sidewalks being proposed on Fillmore Street to the east of Turnpike. The two corner houses approaching N. 64th Avenue have multiple parking spots along the properties. There are some decorative plants, mailboxes, and trees in proximity to the location of the proposed sidewalk path that will be impacted.



North Side



North Side



South Side

Eaton Street

East of the Turnpike, there are no anticipated impacts. West of the Turnpike, there are multiple decorative plants that will be impacted. Multiple parking spots along some properties were also observed.



North Side



South Side



North Side

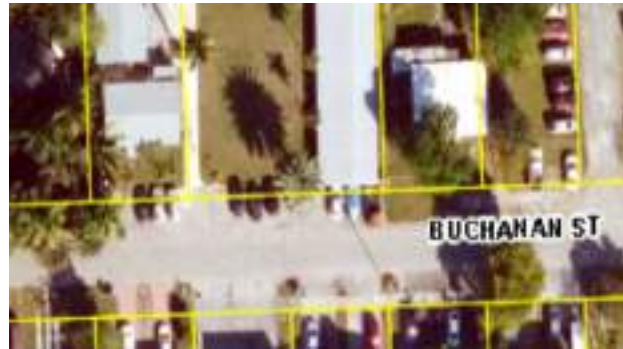
Pierce Street

West of the Turnpike, no impacts are anticipated. East of the Turnpike, we observed a variety of driveway materials, including colored concrete, brick pavers, and stamped concrete. Additionally, there are three large trees within the proposed sidewalk alignment.



Buchanan Street

West of the Turnpike, there are multiple landscape areas that encroach into the right-of-way and will be impacted. East of the Turnpike, we identified two problematic areas. The first one is an area with dense vegetation and multiple trees. The other area is the parking area of a complex development which is encroaching the right-of-way, leaving no space for the sidewalks.



Lincoln Street

West of the Turnpike, no impacts are anticipated. However, we did observe an existing sidewalk that is being uplifted by a tree creating a tripping hazard for pedestrians. East of the Turnpike, we observed multiple driveways that have different materials like stamped concrete and colored concrete.



APPROACH TO RESOLVING ISSUES AND CHALLENGES:

Based on findings from our field visits, our design expertise, and challenges encountered by our CEI team during the construction of the neighborhood sidewalk project, we have developed the following proactive approach to mitigate potential issues and avoid construction delays:

1. DRIVEWAYS

- Existing driveways vary in size, color, and material—ranging from asphalt, concrete, and pavers. These typically extend from the right-of-way line to the edge of pavement. Ideally, these should be removed and replaced with a uniform concrete sidewalk and driveway apron to enhance roadway consistency. However, we recognize that many residents have invested in upgrading their driveways, some of which have been permitted and approved by the City. For driveways that meet the maximum 2% cross slope, our initial approach is to terminate the sidewalk on either side of the driveway. This minimizes impacts and reduces project costs. This approach will be coordinated and approved by the City PM.
- The apron of the driveway might be impacted by the installation of the sidewalk and require replacement. Our CEI team faced similar issues on multiple locations, and the replacement of the apron was not accounted for by the design team, which created an underrun of the concrete pay item. Our approach to mitigate this issue is to analyze each driveway or to have a contingency pay item for replacement of the aprons.

2. PARKING AREAS

- Usually, the thickness of the sidewalk is 4-inches except on the driveways. However, we noticed that there are multiple locations where cars parallel park beyond the edge of pavement or properties have multiple parking spots exerting additional loads on the sidewalk. In these areas, we recommend increasing the sidewalk thickness to 6-inches to enhance structural integrity and reduce the likelihood of cracking or settlement due to vehicular loading.

3. RIGHT-OF-WAY ENCROACHMENTS

- The fence that is encroaching the right-of-way will require coordination with the property owner and the City's PM. Ideally, the fence should be relocated outside the right-of-way; however, if this was permitted, the sidewalk location will need to be adjusted to accommodate the fence.
- For decorative plants and ornamental landscaping such as bushes, shrubs, palms and decorative lighting, we will start by confirming if they have a permit. If they do not have a permit, we will engage the property owners to coordinate the relocation of the vegetation inside their property. If they have a permit, the sidewalk alignment will need to be adjusted to meander around the vegetation.
- Properties that have parking areas within the right-of-way will require coordination with the City's PM, the Right-of-Way Group, and Permitting Staff. Some of these properties are businesses that rely on parking for their customers, while others are apartment complexes that need parking for residents. Understanding community needs and collaborating with the appropriate staff will help determine the best approach for these locations. In some cases, parking will need to remain, and the sidewalk will be terminated at each end of the property. In other cases, parking may be removed to accommodate the sidewalk.

4. UTILITIES

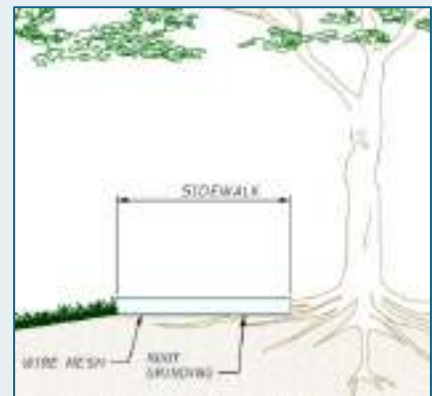
- Our CEI team has experienced many utility conflicts that caused delays and increased the construction cost. This issue is due to lack of coordination with utilities. **RJ Behar** understands that utility coordination plays a crucial role in the construction of the project. To avoid utility issues during construction, **RJ Behar** plans to identify and coordinate early on with all the utilities that will be impacted by this project. By the final submittal, all utilities must provide a clear letter or a utility work schedule to delineate when their proposed relocation will take place.
- The sidewalk width will be reduced at pinch points to accommodate power poles and avoid relocation.
- If there is adequate space, the sidewalk will meander to accommodate cabinets, if not feasible, cabinets will need to relocate.
- A pay item for adjustment of valves and meters will be included.

5. LANDSCAPE

- One of the recurring challenges encountered by our CEI team is the presence of trees not reflected in the design documents, leading to unanticipated impacts and permitting issues. To address this, we will conduct a thorough review of the survey data to ensure all trees within the project limits are accurately identified. Any impacts to trees will be documented and permitted in accordance with local environmental regulations.
- **Trees:** Our goal is to minimize impacts on trees and prioritize the preservation of existing trees, particularly large or protected species. At these locations, we propose to meander around the trees. If we need to get closer to the pavement to accommodate the tree, a curb and gutter with 6-foot sidewalk will need to be installed. If this is not feasible, the tree will be removed and will require mitigation.



- **Palms:** There are many palms on the proposed location of the sidewalks. We propose to relocate the palms in order to avoid mitigation. Property owners will be consulted to determine if they wish to retain the relocated palms.
- **Roots:** To minimize impacts to the roots of the trees, we propose using the “burrito method” or root wire mesh. The “burrito method” raises the sidewalk to accommodate the roots and places stone and geotextile to prevent future damage to the sidewalk. This method has limitations if trees are very close to the driveways because the sidewalk needs to match the elevation of the driveways. Another option is grinding the roots, add the wire mesh and install 6-inch concrete sidewalks.
- An arborist will be retained during construction to oversee work near trees and ensure root systems are protected. The cost of the arborist will be included in the construction budget.
- The feasibility of installing root barriers will be evaluated on a case-by-case basis. While effective in some scenarios, our CEI team has observed that root barriers can sometimes cause unintended root damage.



6. PUBLIC INFORMATION

- In prior neighborhood projects, residents requested more frequent communication regarding construction activities and the removal of personal items within the right-of-way. To address this, we have included a dedicated public outreach team with extensive experience with the City of Hollywood on similar projects.
- Design Phase Outreach:
 - Informational flyers will be distributed to residents to announce upcoming public workshops and provide project details.
 - These workshops will offer residents an opportunity to ask questions, express concerns, and provide input on project design.
- Construction Phase Coordination:
 - During construction, our public outreach team will conduct door-to-door visits to ensure residents are fully informed about the project timeline, scope, and any necessary removals or adjustments to private property features.
 - This personalized approach will help build trust, reduce complaints, and facilitate smoother project execution.

PEDESTRIAN FACILITIES

Design Standards

The project will comply with the *Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook – FGB 2023 Edition)* together with the *Broward Complete Streets Guidelines 2.0*. Our company **President, Mr. Robert Behar, PE**, is a voting member of the FGB Committee and our **Vice President, Ms. Paola Riveros, PE**, is a member of the FGB Geometric Design Subcommittee. Both are very familiar with the FGB criteria. This project will be designed in accordance with the FGB Chapter 8, Pedestrian Facilities. **RJ Behar** also has current knowledge of the City of Hollywood's Design Standards.

Pedestrian facilities shall be given full consideration in the planning and development of transportation facilities, including the incorporation of such facilities into state, regional, and local transportation plans and programs under the assumption that transportation facilities will be used by pedestrians. Pedestrian facilities should be considered in conjunction with the construction, reconstruction, or other significant improvement of any transportation facility. Special emphasis should be given to projects in or within one mile of an urban area. Examples of pedestrian facilities include sidewalks, shared use paths, over and under passes, curb ramps, median refuges, and crosswalks.

The street design should create an environment that cautions drivers that they are in a residential area where they must safely share the traveling space with pedestrians and bicyclists, both children and adults. Visual cues such as meandering streets, sidewalks, landscaping, signage, narrowed streets, changes in pavement texture (such as brick, stamped, or textured surfaces), and raised crosswalks all serve to heighten drivers' awareness for the need to maintain lower speeds. Incorporating such features into residential street design at inception will reduce or eliminate the need for traffic calming retrofits.



Sidewalk Design Criteria

Sidewalks should provide a safe, comfortable space for pedestrians. The width of sidewalks is dependent upon the roadside environment, volume of pedestrians, and the presence of businesses, schools, parks, and other pedestrian attractors. The minimum width for sidewalks is covered in the FBG Section B1 of Chapter 8. To ensure compliance with accessibility requirements, sidewalk design shall meet the following criteria:

- Minimum clear width - 36 inches,
- Maximum cross slope - 2.0%
- Maximum slope 1:20

The sidewalk typical sections may vary depending on the physical features on the street. The minimum sidewalk width shall be 5 feet when separated from the back of curb by a buffer strip. The minimum sidewalk width may be reduced to 4 feet when physical constraints exist. When sidewalks need to be constructed adjacent to the curb, the minimum width shall be 6 feet.

Pedestrian pathways should be placed as far from the roadway as practical, as shown by the following criteria, which are given in a sequence of desirability:

- Outside of the right-of-way in a separately dedicated corridor adjacent to the right-of-way.
- At or near the right-of-way line – ideally 3 feet of width should be provided behind the sidewalk for above-ground utilities.
- Outside of the minimum required clear zone.
- As far from the edge of the driving lane as practical sidewalk alignments, which are set back from the roadway and should taper for alignments closer to the roadway at intersections. This will allow for coordinated placement of crosswalks and stop bars.

Curb Ramps

All proposed and existing curb ramps will be upgraded to the latest ADA standards. In areas with sidewalks, curb ramps must be incorporated at locations where crosswalks adjoin the sidewalks. The basic curb ramp type and design application depends on the geometric characteristics of the intersection or other crossing location. Typical curb ramp width shall be a minimum of 3 feet with 1:12 curb transitions on each side when pedestrians must walk across the ramp. Ramp slopes shall not exceed 1:12 and shall have a slip resistant surface texture. Ramp widths equal to crosswalk widths are encouraged. Curb ramps at marked crossings shall be wholly contained within the crosswalk markings excluding any flared sides. If diagonal ramps need to be used, any returned curbs or other well-defined edges shall be parallel to the pedestrian flow. The bottom of diagonal curb ramps shall have 48-inch minimum clear space within the crosswalk. If diagonal curb ramps have flared sides, they shall also have at least a 24-inch-long segment of straight curb located on each side of the curb ramp and within the marked crossing. It is important for visually impaired people using the sidewalk that the location of the ramps be as uniform as possible. A contrasting surface texture should be used. On sections without curb and gutter, a contrasting surface texture should be used on the approach to crosswalks. The FDOT's Design Standards, Index 304, which addresses the design of curb ramps, may be considered. Designers should keep in mind there are many variables involved making each street intersection a special problem. For this reason, standard guidelines will not fit all situations and cannot replace the need for the use of sound engineering judgment in the design of curb ramps. Two ramps per corner are preferred to minimize the problems with entry angle and to decrease the delay to people in wheelchairs or visually impaired pedestrians entering and exiting the roadway.

Detectable Warnings

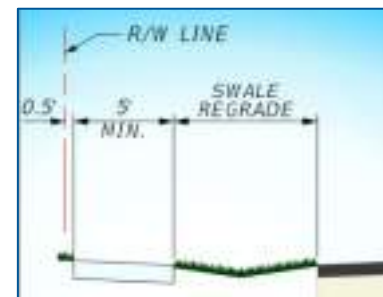
Detectable warnings will be installed to cover the full width of the walking surface and 2-feet in length. They are required on sidewalks and shared use paths at the following locations:

- Curb ramps and blended transitions at street crossings,
- Cut-through pedestrian refuge islands or medians 6-feet wide or greater,
- Pedestrian at-grade rail crossings,
- Commercial driveways with a stop sign, yield sign, or traffic signal,
- Boarding and arriving areas adjacent to the roadway at bus stops where there is an at-grade connection to the roadway, and
- Edges of rail boarding platforms not protected by screens or guards.

Detectable warnings are not required where the sidewalk intersects urban flared turnouts or sidewalks that run continuously through driveways. Detectable warnings cannot be placed on transition slopes or over grade breaks. The detectable warning systems on the FDOT Department's Approved Product List (APL) are designed to work with concrete surfaces. In areas where the pedestrian facility has an asphalt surface, such as a shared use path, we must consider including a short section of concrete that will accommodate any system.

Roadside Swales

Existing roadside swales will be regraded to provide drainage storage from the runoff. The swale side slopes will vary depending on the available right-of-way.



Permitting

- Environmental Permitting: There is additional impervious area being introduced with the new sidewalk. However, sidewalks are exempt from environmental permitting requirements, therefore, no environmental permits are anticipated for this project.
- FDOT Permit --The sidewalk improvements connect to SR 7, therefore, an FDOT Connection and Construction Permit will be required.

Right-of-Way

It has been **RJ Behar's** experience with many municipal street projects with sidewalk improvements constructed outside of the public right-of-way. Therefore, we have found it very prudent to verify the limits of public right-of-way on all sidewalk improvement projects. There may be instances that harmonization into private property is necessary, therefore, Right of Entry letters may be required.

Temporary Traffic Control Plan

All street improvement projects require some form of temporary traffic control during construction, also known as a Maintenance of Traffic Plan. For the proposed sidewalk and swale, traffic will be maintained per FDOT Index 102-602.

Utilities

The following is a list of potential existing Utility Owners within the project corridor based on the Sunshine State One-Call Design Ticket: An initial survey is to be followed by a complete identification and location of all existing overhead and underground utilities. Utility coordination is important to begin early, as response times from the various agencies are usually unpredictable. Any necessary utility relocations must be factored into the design. The underground utilities will need coordination with any drainage construction.

OWNER	UTILITY TYPE
AT&T	Communication lines, fiber
Broward County Traffic Engineering	Traffic control
Broward County Water and Wastewater Services	Sewer, water
Comcast Cable	CATV, fiber
Crown Castle	Fiber
City of Pembroke Pines	Sewer, water
City of Pembroke Pines Public Services	Irrigation, street lights
FDOT/Eland Engineering	Electric, fiber
Florida Gas Transmission	Gas
Florida Power & Light--Broward	Electric
Florida Power & Light -South Fiber	Fiber
City of Hollywood Public Utilities Dept	Sewer, water
City of Hollywood	Street lights
Public Works Department	Communication lines, fiber
Crown Castle NG	Fiber
Teco Peoples Gas South Florida	Gas
AT&T/Distribution	Telephone
Florida Turnpike Its/Eland Engineering Inc	Electric, fiber
Suburban Propane	Propane gas
Town of Davie Utilities Department	Sewer, water

RJ Behar will identify any utility in conflict with the proposed improvements and make every effort to avoid relocations, though this may not be feasible in all cases. **Our Team** will work closely with these utility owners to ensure that any relocation schedules are completed according to the project’s schedule. The Subsurface Utility Engineering (SUE) effort is essential to identifying any utility conflicts and will be undertaken as soon as all the existing utility information has been collected and the proposed improvements laid out.

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 clear letters from the utility owners who are not affected.

Landscape Considerations

Based on site visits and street level imagery, there are existing trees throughout the project, which may be impacted by the proposed sidewalk and would need to be addressed per City of Hollywood’s Tree Removal/Relocation Permit requirements. Through on-site analysis, the existing trees will be relocated within the project limits or relocated off-site to other City properties, if feasible, depending on size and condition. If it is determined that the existing trees cannot remain or be relocated, the trees

will need to be removed and mitigated onsite. Mitigation is calculated based on existing canopy square footage removed and determines the total number of trees required to be installed on-site to replace the canopy as part of the roadway project. New landscaping should follow the City’s Functional Landscaping and Xeriscaping ordinance. **Craven Thompson & Associates, Inc.** will assist with any landscape architectural issues, as needed. The following inventory was obtained:

Tyler Street (62nd to 62nd Avenue)	Remove	Remain
Coconut Palm	1	-
Sapodilla	1	-
Duval Street (63rd to SR-7)		
Alexander Palm (1x)	-	5
Pigeon Plum	-	3
Live Oak	-	5
Black Olive	-	2
Pink Tab	-	1
Black Olive (Multi - Leader)	-	1
Polk Street (64th Street to SR-7)		
Alexander Palm (1x)	1	-
Umbrella Tree	-	1
Small Tree	1	-
Coconut Palm	2	-
Black Olive	1	1
Taylor Street (64th Avenue to 62nd Avenue)		
Alexander Palm (1x)	2	1
Alexander Palm (2x)	-	1
Areca Palm	-	1
Live Oak	-	2
Coconut Palm	-	3
Frangipani	-	1
Bottle Palm	2	0
Sabal Palm	-	1
Royal Palm	-	10
Stangler Fig	-	1
Fillmore Street (64th Avenue to 62nd Avenue)		
Coconut Palm	-	3
Foxtail Palm	-	1
Live Oak	2	-
Eaton Street (64th Avenue to N. 61st Avenue)		
Alexander Palm (3x)	-	1
Areca Palm	1	-
Mahogany	2	-
Live Oak	1	-
Black Olive	-	1

Pierce Street (64th Avenue to SR-7)	Remove	Remain
Alexander Palm (1x)	-	1
Black Olive	1	2
Foxtail Palm	-	2
Live Oak	-	4
Gumbo Limbo	-	1
Strangler Fig	-	1
Silver Buttonwood	-	2
Green Buttonwood	-	2
Buchanan Street (64th Avenue to SR-7)		
Alexander Palm	2	1
Alexander Palm (2x)	-	2
Black Olive	-	3
Coconut Palm	3	-
Live Oak	2	3
Ficus	1	1
Frangipani	1	-
Crape Myrtle	-	1
Silver Buttonwood	-	1
Lincoln Street (64th Avenue to N. 61st Avenue)		
Alexander Palm	-	2
Alexander Palm (2x)	-	5
Alexander Palm (3x)	2	3
Areca Palm	1	-
Coconut Palm	3	5
Paurotis Palm	1	-
Live Oak	-	1
W of 63rd Avenue (Johnson Street to Duval Street)		
Coconut Palm	-	5
Ficus	-	1
Bulnesia	-	1
Black Olive	-	1
Chinese Tallow	1	-
Mahogany	-	1

N 61 st Terrace (Hollywood Boulevard to Eaton Street)	Remove	Remain
Alexander Palm	-	-
Alexander Palm (2x)	-	5
Alexander Palm (3x)	-	3
Areca Palm	-	1
Live Oak	-	2
Coconut Palm	-	15
Washington Palm	-	2
Senegal Date Palm	-	2
Ficus	-	2
N 61 st Avenue (Hollywood Boulevard to Eaton Street)		
Gumbo Limbo	-	2
Live Oak	-	6
Pink Tab	-	2
Strangler Fig	-	1
Silver Buttonwood	-	1
60 th Way (Polk Street to Eaton Street)		
Alexander Palm	1	5
Alexander Palm (3x)	-	1
Live Oak	-	3
Yellow Tab	-	1
Ficus	-	1
N 60 th Terrace (Fillmore Street to Eaton Street)		
Alexander Palm (3x)	-	2

Field Survey

New topographic surveys will be required for the project. Field survey data will be provided by **WGI, Inc.** They will be using state-of-the-art equipment to obtain the field data and process it in an expeditious manner. All the survey data will be used to create a Digital Terrain Model (DTM) from which cross-sections can be obtained at any location or interval. The horizontal datum will be in Florida State Plane Coordinates (Florida East), NAD 83/90, and the vertical datum will be NAVD 88.

Geotechnical Services

Geotechnical services may include infiltration tests for the swales, soil borings to verify the soil conditons, and percolation tests (if needed). Geotechnical services will be performed by **AREHNA Engineering, Inc.**

Public Outreach Program Assistance

Communication with residents is extremely important in all projects within residential communities. Informing the public of the improvements, providing presentations, issuing bulletins, etc. is a part of the process. **RJ Behar** will provide any assistance, as requested, towards these efforts. **RJ Behar** could, through the City, coordinate with the private stakeholders involved. We could organize public meetings, virtual meetings, one-on-one meetings, conference calls; prepare presentations, brochures, renderings, project graphics, website, respond to comments, and newsletters. At all public meetings, we will keep minutes or recordings as needed to document these meetings. We have performed these services in many of our projects in the past. We performed



these on the Pine Island Road project for Broward County, Lyons Park Improvement Project for the City of Pompano Beach and for FDOT in our I-95 at 6th Avenue PD&E. We could conduct virtual public involvement meetings, including on-line surveys, visualizations, and telephone Town Halls.



Community Construction Impacts to be addressed and/or minimized:

- **Safety** - Safety is of great importance during the construction project. The **RJ Behar Team** will be dedicated to minimizing the disruption of traffic and exercising extreme care to prevent damage to and interference with the existing improvements.
- **Noise/Dust Control** - Consideration for neighbors regarding noise and dust control are important, and necessary precautions during construction will be exercised. The specifications shall include provisions for dust control as required.
- **Temporary and Final Restoration** - The contractor shall ensure the smooth flow of traffic during construction, in accordance with state and local Temporary Traffic Control Plan (TTCP) guidelines. Notes indicating the minimum requirements, proposed phases, and the applicable FDOT standard Indices will be provided in the plans.
- **Services** - There shall be no interruption to neighborhood emergency services (i.e., police, ambulance, fire rescue).



METHODOLOGY

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, **Paola Riveros, PE**, 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 for the task completion.**
3. Once we receive the Notice to Proceed, our team will be assembled. The team will include those disciplines required for the successful completion of the project.
4. After approval from the City of the scope and work plan, we will proceed with the project development and preparation of deliverables.
5. Each deliverable will be subject to a comprehensive quality control review in accordance with our Quality Assurance and Quality Control program.

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 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 repeated 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. The main issue to meet this goal is a very good understanding of the scope and what is the product the client is looking for.

MANAGEMENT

RJ Behar has 12 Professional Engineers and 42 employees available to assist the **City of Hollywood**. Please refer to our team organization chart in Tab D. During the early stages of project development, we will seek to obtain input from the City's Staff and end users. Regardless of the goals, input during early development will ensure that a quality product is delivered to the City. **RJ Behar** will also seek to define the cost of all the goals identified and provide the City a preliminary cost estimate to validate programmed funding within the City's budget process. We understand the need to provide accurate cost estimates for the development of capital improvement budgeting.

WORK PLAN IMPLEMENTATION

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 kick-off meeting with all the relevant team members to discuss the scope, work plan, and schedules. It serves to ensure that all team members are consonant 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. All information and data gathered 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 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 (as noted previously). This task may also include a review of the permit agency requirements and a preliminary meeting to ensure 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 (AS REQUIRED): **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). Ms. Riveros will serve as our focal point of coordination and provide timely responses and prompt follow-up. He will be the link with the project team.

- **BETWEEN RJ BEHAR AND THE CITY OF HOLLYWOOD** – We will keep the City's PM well-informed of all project issues at all times. Recognizing that the City's PM may be managing numerous projects at any given time; we will try to accommodate his/her day-to-day involvement by 1) *obtaining needed information ourselves*, 2) *maximizing electronic information transfer*

(e-mail), 3) conference calls, and/or 4) prompt meeting minutes. We will schedule progress meetings as often as the City’s PM desires. A progress report will be provided on a monthly basis including required action items and who is to follow up. The City’s PM is the voice for the City and, therefore, we will coordinate with him/her prior to meeting with other entities.

- **BETWEEN RJ BEHAR AND UTILITY COMPANIES/PERMITTING AGENCIES** – RJ Behar has developed 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 Project Manager and our key staff. This meeting will ensure that the project gets started on the “right foot.” The scope, work plan, schedules, and understanding of the task will be discussed and 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 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, which will include minutes of meetings with all entities involved.
- **COMMUNICATION WITH OTHER CITY CONSULTANTS**: RJ Behar will also coordinate with the other City Consultants as needed, which may include other City Departments.

PROJECT SCHEDULING METHODS

The PM 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 organization 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 PM will meet with the City’s PM 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 have obtained 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 Hollywood 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 PM. This timely involvement allows our team to avoid false starts and eliminates significant design changes at the submittals.

PROJECT NAME	START DATE	END DATE	STATUS	ASSIGNED TO	COMMENTS
PROJECT A	1/15/2024	3/31/2024	ON TRACK	J. Smith	Initial design phase complete.
PROJECT B	2/1/2024	5/15/2024	DELAYED	M. Jones	Waiting for client feedback.
PROJECT C	3/1/2024	6/30/2024	ON TRACK	K. Lee	Site work beginning.
PROJECT D	4/1/2024	7/31/2024	ON TRACK	S. Kim	Final review in progress.

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

SCOPE CREEP

The most frequent reasons why projects are affected by scope creep are a poorly defined scope of work, unrealistic project schedules, subpar project execution and the absence of project control measures. To prevent scope creep, Ms. Riveros will

apply the following steps:

- Set clear project goals and project scope at the beginning of the project, preparing a detailed scope of work including all required activities and client goals.
- Create a schedule including all tasks with realistic timelines for each task, including time for the City and permitting agencies to review.
- Constantly monitor the schedule to ensure the critical path activities are on track. The schedule will be updated as needed as the project progresses.
- Perform constant supervision and coordination with the team members to ensure everyone is on the same page.
- Apply project control measures when needed to ensure the project deadlines and quality are met.

BUDGET CONTROL

RJ Behar is fully aware of the municipal financial constraints and has put several key steps in place to help with reducing costs. We utilize spreadsheets and Ajera from DELTEK computer software to keep track of project budgets. Regardless of the budget constraint of any project, we have 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 task are allocated the necessary resources. **RJ Behar** has an 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 the project. Our PM 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 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.

RJ Behar has an excellent track record with all our project bids coming within 5% of our final engineer's estimate. We are 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. We have worked with a number of public agencies and municipalities since its inception and are 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. **RJ Behar** has successfully completed 7 FDOT LAP projects for design and 151 LAP projects for construction engineering inspection. We are extremely familiar with all of the LAP documentation required.

QUALITY CONTROL PROCESS

RJ Behar will ensure the quality of its product. **Mr. Robert Behar, PE** will be responsible for the quality assurance. An autonomous group of reviewers will be responsible for this activity. The individuals assigned are highly experienced in the tasks they will be reviewing. Committing the appropriate staff to the project is the most important quality assurance measure. Our Quality Control process is very comprehensive and has resulted in a history of zero claims due to errors or omissions. A synopsis of our Quality Program is outlined below:

QC REVIEWS – Will be separated into three major areas: 1) engineering design review (criteria) 2) plans preparation/cross reference review 3) constructability review. Providing for these will assure the City the quality it is paying for. For this review process, we have developed checklists of items that must be included on each type of project.

QC PROCESS – The process starts with the 1) design originator, 2) it is sent to a checker, it goes back to the 3) originator who reviews the markups and determines which comments are to be implemented. 4) The originator and checker meet to discuss the comments and come to an agreement on the implementation of the comments. 5) If they cannot come to an agreement, the Project Manager will then make that determination. 6) Comments are implemented. 7) Plans are back-checked. All these steps require our QC Stamp, dated and initialed by the individual(s) involved.

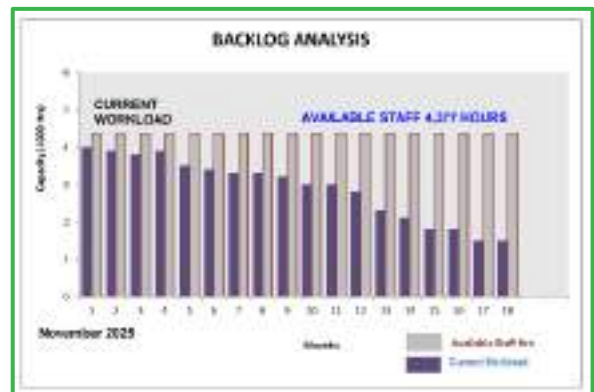
CONSTRUCTABILITY REVIEW – **Mr. Nestor Santana, PE** will lead our constructability reviews. He has been involved in construction engineering and inspection projects for over 30 years. He will be reviewing the plans from the contractor’s perspective. He will be looking for lack of consistency between plans, specs, utility agreements, and permit agreements. He will ensure that all pay items are accounted for, check for feasibility of the construction sequence and last but not least for claims potential.

QUALITY ASSURANCE – **Mr. Robert Behar, PE, RJ Behar’s** president, will certify that the quality control reviews were completed prior to all formal submittals.

ABILITY TO MEET TIMELINES AND DEADLINES

The table "Backlog Analysis", shown below, illustrates **RJ Behar’s** current workload and remaining fee under contract. In review of our anticipated spending of work under contract and with our current workforce, we estimate that we will begin to require new contracted work sometime this winter.

The illustration shows a steady decline in our contract demands, which has been substantiated by our review of our future work under contract. The predicted fall-off in our backlog is fairly normal for this time of year. However, **RJ Behar’s** Staff will become more available as we approach winter, which is well-timed for the anticipated needs for this contract. As demonstrated, our team has considerable resources and we do believe that we will be able to meet the challenges of this project. Our production capability will enable us to perform on this project in an efficient and expeditious manner. Several of our large production contracts will be completed in the next few months, thus reducing our backlog. We anticipate staff availability of two to three thousand staff hours per month, which can be applied to other contracts. The staff identified in the organization chart will be available to work on this project immediately. We will be able to provide sufficient staff to ensure timely completion of any and all assignments under this contract.



3-D DESIGN:

3D modeling is the future of highway engineering and **RJ Behar** has the capabilities to develop any project in 3D. The benefits of 3D modeling include integration of several design processes, improved and enhanced quality control and assurance, increased efficiency, and optimized resources. In addition, a 3D model can be presented to the public and to stakeholders,

helping them to have a comprehensive understanding of what is occurring and see the details of what will be constructed. Having all the design elements in 3D improves accuracy and decreases unintended occurrences. For instance, if something is not graded properly or located in the correct spot, it is clearly identifiable. The 3D modeling also improves the accuracy of the quantities and as a result it avoids under or overestimates. Reducing conflicts between disciplines is a big advantage because with major transportation projects you have roadway engineers designing the horizontal and vertical alignments, bridge engineers designing the structural elements, traffic engineers designing traffic signals and signing, geotechnical engineers looking at slope designs and foundations and drainage engineers handling hydraulics and overall drainage. On a 3D model, design conflicts become much more apparent and enable the design team to anticipate issues and facilitate the project staying on time and budget. Utility conflicts can be easily identified and solved during design using the 3D model.

UNDERSTANDING THE CITY'S NEEDS

RJ Behar has demonstrated our understanding of the **City of Hollywood's** Request for Qualifications on the **Various Locations/Gracewood Neighborhood LAP Project**. We have provided a project approach, based on our management procedures and quality assurance practices, which closely match those required by the City. Based on our approach and current workload, we believe we have demonstrated our ability to successfully deliver high quality services to achieve excellent designs and delivery of this project..

TAB F: References



VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV
 Reference for: R.J. Behar & Company, Inc.

Organization/Firm Name providing reference: City of West Park

Organization/Firm Contact Name: Mr. Greg Perry, PE Title: Director - Engineering and Construction
 Email: gperry@cityofwestpark.org Phone: (954) 989-2688 ext. 220
 Name of Referenced Project: SW 21 St Complete Streets, SR 7 to SW 40th Ave Contract No: RFP#21-1105
 Date Services were provided: 2/10/2022 to 12/2022 (Design) Project Fees Paid: \$229,857.00
 Amount: Construction Cost: \$2,049,557.11

Referenced Vendor's role in Project: Prime Vendor Subcontractor/
 Subconsultant
 Would you use the Vendor again? Yes No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary): Scope of services included roadway design, drainage design, signing and markings, traffic control plans, utility coordination, cost estimating, and permitting.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):
Excellent service all around. The City of West Park has worked with this firm for many years.

****THIS SECTION FOR CITY USE ONLY****				
Verified via:	Email: <input type="checkbox"/>	Verbal: <input type="checkbox"/>	Mail: <input type="checkbox"/>	
Verified by:	Name:		Title:	
	Department:		Date:	



SW 21 STREET COMPLETE STREETS, SR 7 TO SW 40TH AVE CITY OF WEST PARK, FLORIDA

CLIENT:

City of West Park
1965 S SR7
West Park, Florida 33023

Mr. Greg Perry, PE
Director – Engineering and Construction
Tel: 954-350-2705
Email: gperry@cityofwestpark.org

RJ BEHAR'S ROLE:

Roadway design, drainage design, signing and markings, traffic control plans, utility coordination, cost estimating, and permitting.

PROJECT START: 02/10/2022
PROJECT COMPLETE: 12/2022
COST/FEES PAID: \$229,857
CONSTRUCTION COST: \$2,049,557.11
PROJECT LENGTH: 1.463 miles
CHANGE ORDERS: Under Construction
STOP WORK ORDERS: None
PDS: Ongoing – 35% completed

RJ BEHAR'S KEY PERSONNEL:

Robert J. Behar, PE
Principal in Charge

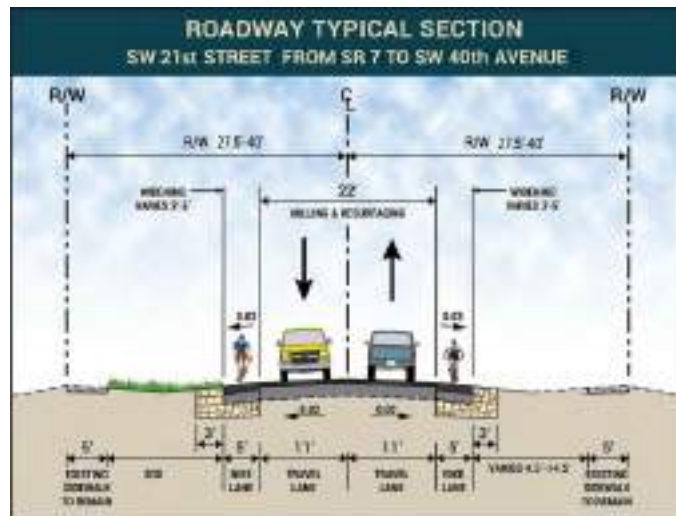
Paola Riveros, PE
Project Manager

Elmer Cardenas, PE
Drainage Engineer

The SW 21st Street Project is 1.52 miles long. The project was identified as a Complete Street project by the Broward County Metropolitan Planning Organization (MPO) 2045 Needs Plan. The project varies in land use. From SR 7 to SW 58th Avenue, it is predominantly commercial use. From SW 58th Avenue to SW 56th Avenue, it is residential on the north side with commercial use on the south side. East of SW 56th Avenue, it is residential on both sides of the street. There are existing speed tables located intermittently east of SW 48th Avenue. The existing roadway section consists of 2-12' wide travel lanes, 5' wide sidewalks and grassed swales, varying in width on both sides (see photo to the right). The right-of-way is 55' from SR 7 to SW 56th Avenue and 80' from SW 56th Avenue to SW 40th Avenue. The proposed typical section will vary from station 11+00 to 36+95 will include 2-12 foot travel lanes sharing bike traffic; from 36+95 to 88+93 will consist of 2-11' wide travel lanes, with 4' wide bike lanes, with varying width grass swales with the existing 5' wide sidewalks to remain.

The project scope of services includes:

1. Prepare plans for milling and resurfacing from SR 7 to SW 56th Avenue to accommodate two shared use lanes (one eastbound and another westbound).
2. Prepare plans for milling, resurfacing, and widening the existing pavement from SW 56 Avenue to SW 40th Avenue to accommodate two lanes (one eastbound and another westbound), two designated bicycle lanes (one eastbound and another westbound)
3. Implement the traffic calming measures at locations designated by the city.
4. The existing sidewalks on both sides will remain unless other proposed work requires its reconstruction.
5. Upgrade the existing drainage system to ensure that required water treatment is provided and to conform to the proposed roadway modifications.
6. Provide new pavement markings and upgrade roadway signs as necessary within the project limits.
7. Prepare a traffic control plan.



VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV
 Reference for: R.J. Behar & Company, Inc.

Organization/Firm Name providing reference: Village of Palmetto Bay

Organization/Firm Contact Name: _____ Title: _____

Name: Dionisio Torres, PE *Dionisio Torres* Title: Public Works Director

Email: dtorres@palmettobay-fl.gov Phone: 305-969-5011

Name of Referenced Project: SW 136th Street from US-1 to Old Cutler Road - LAP Contract No: 000057

Date Services were provided: 2/26/2019 to 3/15/2020 Project Fees Paid: \$301,726

Amount: Construction Cost: \$1,926,728

Referenced Vendor's role in Project: Prime Vendor Subcontractor/
Subconsultant

Would you use the Vendor again? Yes No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):
 Project management, site visits, roadway plans, drainage design, signing, pavement markings, utility coordination, permitting, and post design services.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):
Would definitely use consultant on our future projects

THIS SECTION FOR CITY USE ONLY						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	



SW 136TH STREET FROM US-1 TO OLD CUTLER ROAD - LAP
VILLAGE OF PALMETTO BAY, FLORIDA

CLIENT:

Mr. Dionisio Torres, PE
Director, Public Works
Village of Palmetto Bay
9705 East Hibiscus Street
Palmetto Bay, Florida 33157
Tel: 305-969-5011
Email: dtorres@palmettobay-fl.gov

RJ BEHAR'S ROLE:

Project management, site visits,
roadway plans, drainage design,
signing, pavement markings,
utility coordination, permitting, and
post design services.

PROJECT START: 2/26/2019
DESIGN PROJECT COMPLETE:
3/15/2020
COST/FEES PAID: \$301,277.00
CONSTRUCTION COST:
\$1,926,728.00
CONSTRUCTION START DATE:
6/14/2021
CONSTRUCTION END DATE:
9/14/2022
CHANGE ORDERS: None
TIME EXTENSIONS: None
PROJECT LENGTH: 1.82 miles
PROJECT LAP FPID: 434687-1-
58-01

RJ BEHAR'S KEY PERSONNEL:

Robert J. Behar, PE
Project Manager

Paola Riveros, PE
Project Engineer

Elmer Cardenas, PE
Drainage Engineer

Xamarah Seda
Designer

R.J. Behar & Company, Inc. (RJ Behar) was contracted by the Village of Palmetto Bay to provide professional engineering services for the construction of roadway improvement project and on-road dedicated bicycle lanes along SW 136th Street from US-1 to Cutler Road.

This was a Local Agency Program (LAP) Agreement project between Miami-Dade County, the Village of Palmetto Bay, the Village of Pine Crest, and the Florida Department of Transportation.

The project involved roadway plans, pavement marking and signing plans, utility coordination, drainage design and permitting. The improvements will require milling and resurfacing the existing roadway and pavement widening to accommodate an on-road dedicated shared use path. The primary challenge for this project was accommodating the proposed shared used path in a constrained right of way corridor.



VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV
 Reference for: R.J. Behar & Company, Inc.

Organization/Firm Name providing reference: City of Hialeah

Organization/Firm Contact Name: Jose Sánchez Title: Director - Streets Division

Email: josanchez@hialeahfl.gov Phone: (305) 687-2611

Name of Referenced Project: Street Neighborhood Improvements Contract No: K-2000-062

Date Services were provided: 2000 to Present Project Amount: Fees Paid: > \$3.5M
Construction Cost: > \$40M (Estimated)

Referenced Vendor's role in Project: Prime Vendor Subcontractor/
Subconsultant

Would you use the Vendor again? Yes No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary): Roadway design improvements, roadway reconstruction, streetscape, milling and resurfacing, drainage design, utility coordination, maintenance of traffic, lighting design, decorative lighting, signing and pavement markings.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):

****THIS SECTION FOR CITY USE ONLY****						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	



STREET NEIGHBORHOOD IMPROVEMENTS HIALEAH, FLORIDA

CLIENT:

City of Hialeah
Mr. Jose Sanchez
Director, Streets Division
5601 East 8th Avenue
Hialeah, Florida 33013
Tel: (305) 687-2611
Fax (305) 687-2632
E-mail: josanchez@hialeahfl.gov

RJ BEHAR'S ROLE:

Roadway design improvements, roadway reconstruction, streetscape, milling and resurfacing, drainage design, utility coordination, maintenance of traffic, lighting design, decorative lighting, signing and pavement markings.

PROJECT STARTED: 2000
PROJECT COMPLETED: Present
COST/FEES PAID: > \$3.5M
CONSTR. COST: > \$40M
CHANGE ORDERS: Minors/no delays
STOP WORK ORDERS: None

RJ BEHAR'S KEY PERSONNEL

Robert J. Behar, PE
Project Manager

Juan H. Vazquez, PE, PH, BCEE
Drainage Engineer

Paola Riveros, PE
Project Engineer

Kira Leon, PE
Project Engineer

Michelle Leon, EI
Project Engineer/Inspections



Since the year 2000, *RJ Behar & Company, Inc. (RJ Behar)* has been designing street neighborhood improvements for the City of Hialeah. This is part of the continuous neighborhood improvement program the City has been conducting. Under this program, RJ Behar has completed more than 50 miles of City street improvements.

The projects consisted of roadway reconstruction with some milling and resurfacing, curb and gutter type f, valley gutter, sidewalks, on-street parking, exfiltration drainage system, storm sewers, sodding, signing and pavement markings and roadway lighting. Some of these projects have included streetscaping with urban design features, decorative as well as regular lighting, utility coordination, maintenance of traffic plans and construction inspection services. These projects included:

- E. 4th Avenue Improvements, LAP/ARRA Project
- W. 29th Street Improvements, from West Okeechobee Road to West 4th Avenue LAP/ARRA Project
- E. 6th Avenue to E. 8th Avenue, from Hialeah Drive to E. 5th Avenue
- E. 1st Avenue, E. 47th Street, E. 48th Street Reconstruction
- Palm Avenue (W. 45th Street to W. 47th Street)
- Palm Avenue (W. 47th Street to W. 49th Street)
- Palm Avenue from Okeechobee Road to E. 21st Street
- E. 1st Street to E. 2nd Avenue between E. 10th & E. 15th Street
- E. 1st Street to E. 2nd Avenue between E. 16th & E. 20th Street
- East 1st Avenue, from Okeechobee Road to E. 21st Street (Design)
- W. 6th Avenue/W. 81st Street
- W. 7th Avenue/W. 75th Street/W. 76th Street/W. 78th Street
- W. 74th Street, from W. 8th Avenue to W. 12th Avenue
- W. 77th Street, from W. 8th Avenue to W. 4th Avenue
- W. 78th Street Reconstruction
- W. 33rd Street, from W. 4th Avenue to W. 12th Avenue
- W. 36th Street, W. 36th Terrace, W. 37th Street
- W. 37th Street, from W. 18th Avenue to W. 16th Avenue
- East 4th Avenue Street Assessment
- SE 8th Court/9th Avenue Improvements
- West 83rd Court Improvements
- East 26th, East 27th Street, East 11th Avenue Streetscape
- NW 102 Avenue from NW 138 Street to NW 142 Street
- NW 102 Avenue from NW 142 Street to NW 145 Place



TAB G: Financial Resources



Tab G: Financial Resources

R.J. Behar & Company, Inc. (RJ Behar) has a sound financial base, has demonstrated financial stability, and possesses adequate physical resources to support our mission and the scope of our services we provide. The financial base and stability of the company and our ability to provide adequate physical resources is reflected in **RJ Behar's** financial statements. Our "current ratio" is approximately 1.7%.

Our growth is 20% over the past 3 years. Over the past year, it is about 10% growth over last year's revenue. **RJ Behar's** 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. **RJ Behar** has never been involved in any prior or current bankruptcy proceedings.

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.

RJ Behar has never been involved in any prior or current bankruptcy proceedings.

Sincerely,

R.J. Behar & Company, Inc.



Robert J. Behar, PE
President

TAB H: Legal Proceedings and Performance





Tab H: Legal Proceedings and Performance (Last 5 Years)

RJ Behar & Company, Inc. (RJ Behar) has never paid liquidated damages and/or been terminated from a contract.

RJ Behar has been providing professional engineering consulting services uninterrupted since its inception and has never been debarred by any local, state or federal government entity.

Arbitrations, Lawsuits, Bankruptcies, Terminations and/or Litigation

1. **RJ Behar** filed a lawsuit against **R&D Complete Services, Inc., Case No. COCE24056942, Division 50, Judge Mardi Levey Cohen for receiving funds for services that were never performed. A Final Judgment was obtained against R&D Complete Services for the entire amount, which has been recorded on October 16, 2025.**

2. **RJ Behar** has been named as a defendant in John Bairunas v. Gianetti Contracting Corporation, et. al., Case No. CACE-23-00920 in the Circuit Court of Broward County, Florida. The plaintiff alleges that RJ Behar was negligent in creating or permitting a hazardous condition to remain and failed to warn the plaintiff who fell and injured himself. The case is currently pending.

RJ Behar was served a summons on 9/21/2021 by Carol Needleman, Plaintiff V. City of Delray Beach, Edwards Intracoastal, LLC., Sealand Contractors Corp., R.J. Behar & Company, Inc., Urban5 Constructors, LLC., and Florida Department of Transportation, CASE NO.: 50-2021-CA-005688-XXXXMB. **RJ Behar** was given a notice of voluntary dismissal on 6/17/2022.

RJ Behar was served a summons on 10/12/2017 by the City of Delray Beach, Case #502017CA008953XXXXMB-AO, accusing breach of contract to the contractor, Foster Marine. **RJ Behar** performed the construction inspection on the project. There was a dispute regarding materials used. **RJ Behar** filed a Motion to Dismiss on 11/7/2017. On April 26, 2021, the City of Delray Beach settled in **RJ Behar's** favor, paying the outstanding invoices, and removing us from the lawsuit.

3. **RJ Behar** has had no other proceedings such as lawsuits, Administrative Proceedings or Hearings by National Labor Relations Board or similar during the last five years.

4. **RJ Behar** has never filed bankruptcy proceedings, voluntarily or involuntarily.

5. **RJ Behar** has never been terminated from a contract.

6. **RJ Behar** has never used bonding money to complete a project or to pay subconsultants or suppliers.

Sincerely,

R.J. Behar & Company, Inc.

Robert J. Behar, PE
President

TAB I: Required Forms – Exhibits (FDOT Forms)

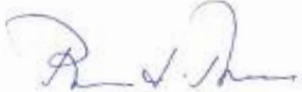


DRUG-FREE WORKPLACE PROGRAM

IDENTICAL TIE BIDS - Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall: **NOT APPLICABLE TO FEDERALLY FUNDED PROJECT 287.087 F.S.**

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

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



Robert Behar, PE

SIGNATURE

PRINTED NAME

R.J. Behar & Company, Inc.

NAME OF COMPANY

RFQ Number: RFQ-354-26-WV

Title: Professional Engineering Design Services for Various Locations/Gracewood Neighborhood LAP Project

NON-COLLUSION AFFIDAVIT

STATE OF: Florida

COUNTY OF: Broward, being first duly sworn, deposes and says that: Robert J. Behar

- (1) He/she is President of R.J. Behar & Company, Inc., the Bidder that has submitted the attached Bid.
- (2) He/she has been fully informed regarding the preparation and contents of the attached Bid and of all pertinent circumstances regarding such Bid;
- (3) Such Bid is genuine and is not a collusion or sham Bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the contractor for which the attached Bid has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure an advantage against the City of Hollywood or any person interested in the proposed Contract; and
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

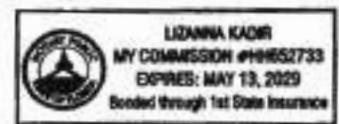
(SIGNED)  President
 Title

Subscribed and sworn to before me this

12th day of November, 2025

My commission expires: 05-13-2029 Lizanna Kadir





RFQ Number: RFQ-354-26-WV Title: Professional Engineering Design Services for Various Locations/Gracewood Neighborhood LAP Project

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV
 Reference for: R.J. Behar & Company, Inc.

Organization/Firm Name providing reference: City of West Park
 Organization/Firm Contact Name: Mr. Greg Perry, PE Title: Director - Engineering and Construction
 Email: gperry@cityofwestpark.org Phone: (954) 989-2688 ext. 220
 Name of Referenced Project: SW 21 St Complete Streets, SR 7 to SW 40th Ave Contract No: RFP#21-1105
 Date Services were provided: 2/10/2022 to 12/2022 (Design) Project Amount: Fees Paid: \$229,857.00
Construction Cost: \$2,049,557.11
 Referenced Vendor's role in Project: Prime Vendor Subcontractor/
 Subconsultant
 Would you use the Vendor again? Yes No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary): Scope of services included roadway design, drainage design, signing and markings, traffic control plans, utility coordination, cost estimating, and permitting.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):
Excellent service all around. The City of West Park has worked with this firm for many years.

****THIS SECTION FOR CITY USE ONLY****				
Verified via:	Email: <input type="checkbox"/>	Verbal: <input type="checkbox"/>	Mail: <input type="checkbox"/>	
Verified by:	Name:		Title:	
	Department:		Date:	



**SW 21 STREET COMPLETE STREETS, SR 7 TO SW 40TH AVE
CITY OF WEST PARK, FLORIDA**

CLIENT:

City of West Park
1965 S SR7
West Park, Florida 33023

Mr. Greg Perry, PE
Director – Engineering and Construction
Tel: 954-350-2705
Email: gerry@cityofwestpark.org

RJ BEHAR’S ROLE:

Roadway design, drainage design, signing and markings, traffic control plans, utility coordination, cost estimating, and permitting.

PROJECT START: 02/10/2022
PROJECT COMPLETE: 12/2022
COST/FEES PAID: \$229,857
CONSTRUCTION COST: \$2,049,557.11
PROJECT LENGTH: 1.463 miles
CHANGE ORDERS: Under Construction
STOP WORK ORDERS: None
PDS: Ongoing – 35% completed

RJ BEHAR’S KEY PERSONNEL:

Robert J. Behar, PE
Principal in Charge

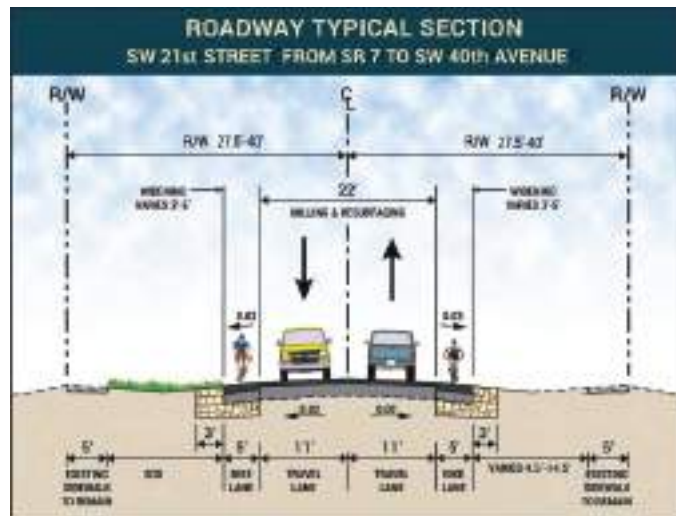
Paola Riveros, PE
Project Manager

Elmer Cardenas, PE
Drainage Engineer

The SW 21st Street Project is 1.52 miles long. The project was identified as a Complete Street project by the Broward County Metropolitan Planning Organization (MPO) 2045 Needs Plan. The project varies in land use. From SR 7 to SW 58th Avenue, it is predominantly commercial use. From SW 58th Avenue to SW 56th Avenue, it is residential on the north side with commercial use on the south side. East of SW 56th Avenue, it is residential on both sides of the street. There are existing speed tables located intermittently east of SW 48th Avenue. The existing roadway section consists of 2-12’ wide travel lanes, 5’ wide sidewalks and grassed swales, varying in width on both sides (see photo to the right). The right-of-way is 55’ from SR 7 to SW 56th Avenue and 80’ from SW 56th Avenue to SW 40th Avenue. The proposed typical section will vary from station 11+00 to 36+95 will include 2-12 foot travel lanes sharing bike traffic; from 36+95 to 88+93 will consist of 2-11’ wide travel lanes, with 4’ wide bike lanes, with varying width grass swales with the existing 5’ wide sidewalks to remain.

The project scope of services includes:

1. Prepare plans for milling and resurfacing from SR 7 to SW 56th Avenue to accommodate two shared use lanes (one eastbound and another westbound).
2. Prepare plans for milling, resurfacing, and widening the existing pavement from SW 56 Avenue to SW 40th Avenue to accommodate two lanes (one eastbound and another westbound), two designated bicycle lanes (one eastbound and another westbound)
3. Implement the traffic calming measures at locations designated by the city.
4. The existing sidewalks on both sides will remain unless other proposed work requires its reconstruction.
5. Upgrade the existing drainage system to ensure that required water treatment is provided and to conform to the proposed roadway modifications.
6. Provide new pavement markings and upgrade roadway signs as necessary within the project limits.
7. Prepare a traffic control plan.



VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV
 Reference for: R.J. Behar & Company, Inc.

Organization/Firm Name providing reference: Village of Palmetto Bay

Organization/Firm Contact Title:

Name: Dionisio Torres, PE *Dionisio Torres* Public Works Director

Email: dtorres@palmettobay-fl.gov Phone: 305-969-5011

Name of Referenced Project: SW 136th Street from US-1 to Old Cutler Road - LAP Contract No: 000057

Date Services were provided: 2/26/2019 to 3/15/2020 Project Fees Paid: \$301,726

Amount: Construction Cost: \$1,926,728

Referenced Vendor's role in Project: Prime Vendor Subcontractor/ Subconsultant

Would you use the Vendor again? Yes No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):
 Project management, site visits, roadway plans, drainage design, signing, pavement markings, utility coordination, permitting, and post design services.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):
Would definitely use consultant on our future projects

THIS SECTION FOR CITY USE ONLY						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:			Title:		
	Department:			Date:		



SW 136TH STREET FROM US-1 TO OLD CUTLER ROAD - LAP
VILLAGE OF PALMETTO BAY, FLORIDA

CLIENT:

Mr. Dionisio Torres, PE
Director, Public Works
Village of Palmetto Bay
9705 East Hibiscus Street
Palmetto Bay, Florida 33157
Tel: 305-969-5011
Email: dtorres@palmettobay-fl.gov

RJ BEHAR'S ROLE:

Project management, site visits,
roadway plans, drainage design,
signing, pavement markings,
utility coordination, permitting, and
post design services.

PROJECT START: 2/26/2019
DESIGN PROJECT COMPLETE:
3/15/2020
COST/FEES PAID: \$301,277.00
CONSTRUCTION COST:
\$1,926,728.00
CONSTRUCTION START DATE:
6/14/2021
CONSTRUCTION END DATE:
9/14/2022
CHANGE ORDERS: None
TIME EXTENSIONS: None
PROJECT LENGTH: 1.82 miles
PROJECT LAP FPID: 434687-1-
58-01

RJ BEHAR'S KEY PERSONNEL:

Robert J. Behar, PE
Project Manager

Paola Riveros, PE
Project Engineer

Elmer Cardenas, PE
Drainage Engineer

Xamarah Seda
Designer

R.J. Behar & Company, Inc. (RJ Behar) was contracted by the Village of Palmetto Bay to provide professional engineering services for the construction of roadway improvement project and on-road dedicated bicycle lanes along SW 136th Street from US-1 to Cutler Road.

This was a Local Agency Program (LAP) Agreement project between Miami-Dade County, the Village of Palmetto Bay, the Village of Pine Crest, and the Florida Department of Transportation.

The project involved roadway plans, pavement marking and signing plans, utility coordination, drainage design and permitting. The improvements will require milling and resurfacing the existing roadway and pavement widening to accommodate an on-road dedicated shared use path. The primary challenge for this project was accommodating the proposed shared used path in a constrained right of way corridor.



VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV
 Reference for: R.J. Behar & Company, Inc.

Organization/Firm Name providing reference: City of Hialeah

Organization/Firm Contact Name: Jose Sánchez Title: Director - Streets Division

Email: josanchez@hialeahfl.gov Phone: (305) 687-2611

Name of Referenced Project: Street Neighborhood Improvements Contract No: K-2000-062

Date Services were provided: 2000 to Present Project Amount: Fees Paid: > \$3.5M
Construction Cost: > \$40M (Estimated)

Referenced Vendor's role in Project: Prime Vendor Subcontractor/
 Subconsultant

Would you use the Vendor again? Yes No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary): Roadway design improvements, roadway reconstruction, streetscape, milling and resurfacing, drainage design, utility coordination, maintenance of traffic, lighting design, decorative lighting, signing and pavement markings.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):

****THIS SECTION FOR CITY USE ONLY****					
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail: <input type="checkbox"/>
Verified by:	Name:		Title:		
	Department:		Date:		



STREET NEIGHBORHOOD IMPROVEMENTS HIALEAH, FLORIDA

CLIENT:

City of Hialeah
Mr. Jose Sanchez
Director, Streets Division
5601 East 8th Avenue
Hialeah, Florida 33013
Tel: (305) 687-2611
Fax (305) 687-2632
E-mail: josanchez@hialeahfl.gov

RJ BEHAR'S ROLE:

Roadway design improvements, roadway reconstruction, streetscape, milling and resurfacing, drainage design, utility coordination, maintenance of traffic, lighting design, decorative lighting, signing and pavement markings.

PROJECT STARTED: 2000
PROJECT COMPLETED: Present
COST/FEES PAID: >\$3.5M
CONSTR. COST: >\$40M
CHANGE ORDERS: Minors/no delays
STOP WORK ORDERS: None

RJ BEHAR'S KEY PERSONNEL

Robert J. Behar, PE
Project Manager

Juan H. Vazquez, PE, PH, BCEE
Drainage Engineer

Paola Riveros, PE
Project Engineer

Kira Leon, PE
Project Engineer

Michelle Leon, EI
Project Engineer/Inspections



Since the year 2000, RJ Behar & Company, Inc. (RJ Behar) has been designing street neighborhood improvements for the City of Hialeah. This is part of the continuous neighborhood improvement program the City has been conducting. Under this program, RJ Behar has completed more than 50 miles of City street improvements.

The projects consisted of roadway reconstruction with some milling and resurfacing, curb and gutter type f, valley gutter, sidewalks, on-street parking, exfiltration drainage system, storm sewers, sodding, signing and pavement markings and roadway lighting. Some of these projects have included streetscaping with urban design features, decorative as well as regular lighting, utility coordination, maintenance of traffic plans and construction inspection services. These projects included:

- E. 4th Avenue Improvements, LAP/ARRA Project
- W. 29th Street Improvements, from West Okeechobee Road to West 4th Avenue LAP/ARRA Project
- E. 6th Avenue to E. 8th Avenue, from Hialeah Drive to E. 5th Avenue
- E. 1st Avenue, E. 47th Street, E. 48th Street Reconstruction
- Palm Avenue (W. 45th Street to W. 47th Street)
- Palm Avenue (W. 47th Street to W. 49th Street)
- Palm Avenue from Okeechobee Road to E. 21st Street
- E. 1st Street to E. 2nd Avenue between E. 10th & E. 15th Street
- E. 1st Street to E. 2nd Avenue between E. 16th & E. 20th Street
- East 1st Avenue, from Okeechobee Road to E. 21st Street (Design)
- W. 6th Avenue/W. 81st Street
- W. 7th Avenue/W. 75th Street/W. 76th Street/W. 78th Street
- W. 74th Street, from W. 8th Avenue to W. 12th Avenue
- W. 77th Street, from W. 8th Avenue to W. 4th Avenue
- W. 78th Street Reconstruction
- W. 33rd Street, from W. 4th Avenue to W. 12th Avenue
- W. 36th Street, W. 36th Terrace, W. 37th Street
- W. 37th Street, from W. 18th Avenue to W. 16th Avenue
- East 4th Avenue Street Assessment
- SE 8th Court/9th Avenue Improvements
- West 83rd Court Improvements
- East 26th, East 27th Street, East 11th Avenue Streetscape
- NW 102 Avenue from NW 138 Street to NW 142 Street
- NW 102 Avenue from NW 142 Street to NW 145 Place



STATEMENT OF QUALIFICATION CERTIFICATION

Please Note: All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) R.J. Behar & Company, Inc.

Name/Principal/Project Manager: Robert J. Behar, PE/Principal in Charge/CEO

Address: 6861 SW 196th Avenue, Suite 302

City: Pembroke Pines State: Florida Zip: 33332

Telephone No. 954-680-7771 FEIN/Tax ID No. 65-0954070 Email: bbehar@rjbehar.com

Does your firm qualify for DBE : YES NO

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<u>1</u>	<u>Nov 5, 2025</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>


VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. If this section does not apply to your bid, simply mark N/A. **If submitting your response electronically through OPENGOV you must click the exception link if any variation or exception is taken to the specifications, terms and conditions.**

No variations or exceptions

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, hereby agrees that in no event shall the City's liability for respondent's indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of five hundred dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Robert Behar, PE
Name (printed)


Signature

11-12-2025
Date:

SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a) FLORIDA STATUTES ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This form statement is submitted to City of Hollywood
by Robert Behar, PE for R.J. Behar & Company, Inc.
(Print individual's name and title) (Print name of entity submitting sworn statement)
whose business address is _____
and if applicable its Federal Employer Identification Number (FEIN) is 65-0954070. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.

2. I understand that "public entity crime," as defined in paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misinterpretation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in an federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that "Affiliate," as defined in paragraph 287.133(1)(a), Florida Statutes, means:
1. A predecessor or successor of a person convicted of a public entity crime, or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5 I understand that "person," as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

X Neither the entity submitting sworn statement, nor any of its officers, director, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime, but the Final Order entered by the Hearing Officer in a subsequent proceeding before a Hearing Officer of the State of the State of Florida, Division of Administrative Hearings, determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (attach a copy of the Final Order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THAT PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017 FLORIDA STATUTES FOR A CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

[Handwritten Signature]

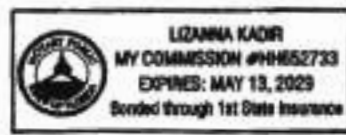
(Signature)

Sworn to and subscribed before me this 12th day of November, 2025.

Personally known

Or produced identification _____ Notary Public-State of Florida

_____ my commission expires 05-13-2029
(Type of identification)



Lizanna Kadir *[Handwritten Signature]*
(Printed, typed or stamped commissioned name of notary public)

RFQ Number: RFQ-354-26-WV Title: Professional Engineering Design Services for Various Locations/ Gracewood Neighborhood LAP Project

HOLD HARMLESS AND INDEMNITY CLAUSE

R.J. Behar & Company, Inc. - Robert Behar, PE - President

(Company Name and Authorized Representative's Name)

, the contractor, shall indemnify, defend and hold harmless the City of Hollywood, its elected and appointed officials, employees and agents for any and all suits, actions, legal or administrative proceedings, claims, damage, liabilities, interest, attorney's fees, costs of any kind whether arising prior to the start of activities or following the completion or acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the contractor, or anyone acting under its direction, control, or on its behalf in connection with or incident to its performance of the contract.

FDOT LANGUAGE – IT IS REQUIRED PER LAP AGREEMENT

"To the extent provided by law, CONSULTANT shall indemnify, defend, and hold harmless the CITY and the State of Florida, Department of Transportation, including the Department's officers, agents, and employees, against any actions, claims, or damages arising out of, relating to, or resulting from negligent or wrongful act(s) of CONSULTANT, or any of its officers, agents, or employees, acting within the scope of their office or employment, in connection with the rights granted to or exercised by CONSULTANT. The foregoing indemnification shall not constitute a waiver of the Department's or the City's sovereign immunity beyond the limits set forth in Florida Statutes, Section 768.28. Nor shall the same be construed to constitute agreement by CONSULTANT to indemnify CITY for the negligent acts or omissions of CITY, its officers, agents, or employees, or third parties. Nor shall the same be construed to constitute agreement by CONSULTANT to indemnify the negligent acts or omissions of the Department, its officers, agents, or employees, or third parties. This indemnification shall survive the termination of this Agreement."



SIGNATURE

Robert Behar, PE

PRINTED NAME

R.J. Behar & Company, Inc.

COMPANY OF NAME

11-12-2025

DATE

Failure to sign or changes to this page shall render your bid non-responsive.

SOLICITATION, GIVING AND ACCEPTANCE OF GIFTS POLICY

Florida Statute 112.313 prohibits the solicitation or acceptance of Gifts. - "No Public officer, employee of an agency, local government attorney, or candidate for nomination or election shall solicit or accept anything of value to the recipient, including a gift, loan, reward, promise of future employment, favor, or service, based upon any understanding that the vote, official action, or judgment of the public officer, employee, local government attorney, or candidate would be influenced thereby.". The term "public officer" includes "any person elected or appointed to hold office in any agency, including any person serving on an advisory body."

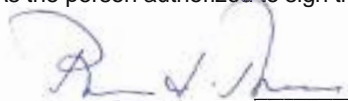
The City of Hollywood policy prohibits all public officers, elected or appointed, all employees, and their families from accepting any gifts of any value, either directly or indirectly, from any contractor, vendor, consultant, or business with whom the City does business.

The State of Florida definition of "gifts" includes the following:

- Real property or its use,
- Tangible or intangible personal property, or its use,
- A preferential rate or terms on a debt, loan, goods, or services,
- Forgiveness of indebtedness,
- Transportation, lodging, or parking,
- Food or beverage,
- Membership dues,
- Entrance fees, admission fees, or tickets to events, performances, or facilities,
- Plants, flowers or floral arrangements
- Services provided by persons pursuant to a professional license or certificate.
- Other personal services for which a fee is normally charged by the person providing the services.
- Any other similar service or thing having an attributable value not already provided for in this section.

Any contractor, vendor, consultant, or business found to have given a gift to a public officer or employee, or his/her family, will be subject to dismissal or revocation of contract.

As the person authorized to sign the statement, I certify that this firm will comply fully with this policy.



SIGNATURE

Robert Behar, PE

PRINTED NAME

R.J. Behar & Company, Inc.

NAME OF COMPANY

President

TITLE

Failure to sign this page shall render your bid non-responsive.

DBE Utilization

The Department began its DBE race neutral program January 1, 2000. **Contract specific goals are not placed on Federal/State contracts;** however, the Department has an overall 10.54% DBE goal it must achieve. In order to assist contractors in determining their DBE commitment level, the Department has reviewed the estimates for this letting.

As you prepare your bid, please monitor potential or anticipated DBE utilization for contracts. When the low bidder executes the contract with the Department, information will be requested of the contractor's DBE participation for the project. While the utilization is not mandatory in order to be awarded the project, continuing utilization of DBE firms on contracts supports the success of Florida's DBE Program, and supports contractors' Equal Employment Opportunity and DBE Affirmative Action Programs.

Any project listed as 0% DBE availability does not mean that a DBE may not be used on that project. A 0% DBE availability may have been established due to any of the following reasons: limited identified subcontracting opportunities, minimal contract days, and/or small contract dollar amount. Contractors are encouraged to identify any opportunities to subcontract to DBE's.

Please contact the Equal Opportunity Office at (850) 414-4747 if you have any questions regarding this information.

DBE Reporting

If you are the prime contractor on a project, enter your DBE participation in the Equal Opportunity Compliance system prior to the pre-construction or pre-work conference for all federal and state funded projects. This **will not** become a mandatory part of the contract. It will assist the Department in tracking and reporting planned or estimated DBE utilization. During the contract, the prime contractor is required to report actual payments to DBE and MBE subcontractors through the web-based Equal Opportunity Compliance (EOC) system.

All DBE payments must be reported whether or not you initially planned to utilize the company. In order for our race neutral DBE Program to be successful, your cooperation is imperative. If you have any questions, please contact EOOHelp@dot.state.fl.us.

Bid Opportunity List

The Federal DBE Program requires States to maintain a database of all firms that are participating or attempting to participate on FDOT-assisted contracts. The list must include all firms that bid on prime contracts or bid or quote subcontracts on FDOT-assisted projects, including both **DBE's and non-DBEs**.

Please complete the Bidders Opportunity List through the Equal Opportunity Compliance system within 3 business days of submission of the bid or proposal for ALL subcontractors or sub-consultants who quoted to you for specific project for this letting. The web address to the Equal Opportunity Compliance system is: <https://www.fdot.gov/equalopportunity/eoc.shtm>.

DBE/AA Plans

Contractors bidding on FDOT contracts are to have an approved DBE Affirmative Action Plan (FDOT Form 275-030-11B) on file with the FDOT Equal Opportunity Office before execution of a contract. DBE/AA Plans must be received with the contractors bid or received by the Equal Opportunity Office prior to the award of the contract.

Plans are approved by the Equal Opportunity Office in accordance with Ch. 14-78, Florida Administrative Code. Plans that do not meet these mandatory requirements may not be approved. Approvals are for a (3) three year period and should be updated at anytime there is a change in the company's DBE Liaison Officer and/or President. Contractors may evidence adoption of the DBE/AA Policy and Plan and/or a change in the designated DBE Liaison officer as follows:

- Print the first page of the document on company stationery ("letterhead") that indicates the company's name, mailing address, phone number, etc.
- Print the company's name in the "____" space; next to "Date" print the month/day/year the policy is being signed; record the signature of the company's Chief Executive Officer, President or Chairperson in the space next to "by" and print the full first and last name and position title of the official signing the policy.
- Print the DBE Liaison's full name, email address, business mailing address and phone number the bottom of email.

E-mail the completed and signed DBE AA Plan to: **eeoforms@dot.state.fl.us**.

The Department will review the policy, update department records and issue a notification of approval or disapproval; a copy of the submitted plan will not be returned to the contractor.

From: [Robert Behar](#)
To: [Lizanna Kadir](#); [Derry Behar](#); [Paola Riveros](#)
Subject: FW: Declaration of Eligibility Acknowledgement
Date: Tuesday, July 22, 2025 2:29:53 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image005.png](#)
[image006.png](#)

FYI

Robert J. Behar, PE

[6861 S.W. 196 Avenue, Suite 302](#)

[Pembroke Pines, Florida 33332](#)

t. 954-680-7771 x 200 | m. 954-684-2861 | f. 954-680-7781

bbehar@rjbehar.com | www.rjbehar.com



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

This email and any attached files transmitted with it are confidential property of R. J. Behar & Company Inc. and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error, please delete all copies and notify us immediately.

From: DBECert.Help@dot.state.fl.us <DBECert.Help@dot.state.fl.us>

Sent: Tuesday, July 22, 2025 2:18 PM

To: Robert Behar <bbehar@rjbehar.com>

Subject: Declaration of Eligibility Acknowledgement

Email From: DBECert.Help@dot.state.fl.us (DBECert.Help@dot.state.fl.us)

We have processed your Declaration of Eligibility (DOE), as applicable. Your Anniversary Date is 10/15/2026

Sincerely,
Equal Opportunity Office
DBE Certification

Exhibit B

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TRUTH IN NEGOTIATION CERTIFICATION

375-030-30
PROCUREMENT
05/14

Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the Department of Transportation (Department) requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal, or as prescribed in the contract advertisement.

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Department determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Department, whichever is later.

R.J. Behar & Company, Inc.

Name of Consultant

By: Robert Behar, PE, President



11-12-2025

Date

Exhibit C

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION-
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS**
(Compliance with 2 CFR Parts 180 and 1200)

375-030-32
PROCUREMENT
11/15

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: R.J. Behar & Company, Inc.

By: Robert Behar, PE

Date: 11-12-2025

Title: President

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES
ON FEDERAL-AID CONTRACTS
(Compliance with 49CFR, Section 20.100 (b))**

375-030-33
PROCUREMENT
01/24

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant: R.J. Behar & Company, Inc.

By: Robert Behar, PE  Date: November 12, 2025

Authorized Signature: _____

Title: President

Exhibit E

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34
PROCUREMENT
02/16

Is this form applicable to your firm?

YES NO

If *no*, then please complete section 4 below for "Prime"

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award	3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, <i>if known:</i> <u>R.J. Behar & Company, Inc.</u> <u>6861 SW 196 Avenue, Suite 302</u> <u>Pembroke Pines, Florida 33332</u> Congressional District, <i>if known:</i> 4c <u>23</u>	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, <i>if known:</i> _____	
6. Federal Department/Agency: _____ _____	7. Federal Program Name/Description: _____ _____ CFDA Number, <i>if applicable:</i> _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> _____ _____ _____	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> _____ _____ _____	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature:  Print Name: <u>Robert Behar, PE</u> Title: <u>President</u> Telephone No.: <u>954-680-7771</u> Date (mm/dd/yyyy): <u>11-12-2025</u>	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

LOCAL AGENCY PROGRAM FEDERAL-AID TERMS
For PROFESSIONAL SERVICES CONTRACTS

TERMS FOR FEDERAL AID CONTRACTS (APPENDIX I):

The following terms apply to all contracts in which it is indicated that the services involve the expenditure of federal funds:

- A. It is understood and agreed that all rights of the Local Agency relating to inspection, review, approval, patents, copyrights, and audit of the work, tracings, plans, specifications, maps, data, and cost records relating to this Agreement shall also be reserved and held by authorized representatives of the United States of America.
- B. All tracings, plans, specifications, maps, computer files and/or reports prepared or obtained under this Agreement, as well as all data collected, together with summaries and charts derived therefrom, will be considered works made for hire and will become the property of the Agency upon completion or termination without restriction or limitation on their use and will be made available, upon request, to the Agency at any time during the performance of such services and/or completion or termination of this Agreement. Upon delivery to the Agency of said document(s), the Agency will become the custodian thereof in accordance with Chapter 119, Florida Statutes. The Consultant will not copyright any material and products or patent any invention developed under this agreement. The Agency will have the right to visit the site for inspection of the work and the products of the Consultant at any time.
- C. It is understood and agreed that, in order to permit federal participation, no supplemental agreement of any nature may be entered into by the parties hereto with regard to the work to be performed hereunder without the approval of the U.S. Department of Transportation, anything to the contrary in this Agreement notwithstanding.
- D. The Consultant shall provide access by the Florida Department of Transportation (recipient), the Agency (subrecipient), the Federal Highway Administration, the U.S. Department of Transportation's Inspector General, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the Consultant which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.
- E. Compliance with Regulations: The Consultant shall comply with the Regulations: relative to nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Agreement.
- F. Nondiscrimination: The Consultant, with regard to the work performed during the contract, shall not discriminate on the basis of race, color, national origin, sex, age, disability, religion or family status in the selection and retention of subcontractors, including procurements of material and leases of equipment. The Consultant shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.
- G. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations made by the Consultant, either by competitive bidding or negotiation for work to be performed under a subcontract, including procurements of materials and leases of equipment, each potential subcontractor or supplier shall be notified by the Consultant of the Consultant's obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, sex, age, disability, religion or family status.
- H. Information and Reports: The Consultant will provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Local Agency, Florida Department of Transportation, Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or Federal Motor Carrier Safety Administration to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of the Consultant is in the exclusive possession of another who fails or refuses to furnish this information, the Consultant shall so certify to the Local Agency, Florida Department of Transportation, Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration as appropriate, and shall set forth what efforts it has made to obtain the information.
- I. Sanctions for Noncompliance: In the event of the Consultant's noncompliance with the nondiscrimination provisions of this contract, the Local Agency shall impose such contract sanctions as it or the Florida Department of Transportation, Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to,
 - 1. withholding of payments to the Consultant under the contract until the Consultant complies and/or
 - 2. cancellation, termination or suspension of the contract, in whole or in part.
- J. Incorporation or Provisions: The Consultant will include the provisions of Paragraph C through K in every subcontract, including procurements of materials and leases of equipment unless exempt by the Regulations, order, or instructions

LOCAL AGENCY PROGRAM FEDERAL-AID TERMS
For PROFESSIONAL SERVICES CONTRACTS

issued pursuant thereto. The Consultant shall take such action with respect to any subcontract or procurement as the Local Agency, Florida Department of Transportation, Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions, including sanctions for noncompliance. In the event a Consultant becomes involved in, or is threatened with, litigation with a subconsultant or supplier as a result of such direction, the Consultant may request the Local Agency to enter into such litigation to protect the interests of the Local Agency, and, in addition, the Consultant may request the United States to enter into such litigation to protect the interests of the United States.

- K. Compliance with Nondiscrimination Statutes and Authorities: Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21; The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects); Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex); Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age); Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100); Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).
- L. Interest of Members of Congress: No member of or delegate to the Congress of the United States will be admitted to any share or part of this contract or to any benefit arising therefrom.
- M. Interest of Public Officials: No member, officer, or employee of the public body or of a local public body during his tenure or for one year thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof. For purposes of this provision, public body shall include municipalities and other political subdivisions of States; and public corporations, boards, and commissions established under the laws of any State.
- N. Participation by Disadvantaged Business Enterprises: The Consultant shall agree to abide by the following statement from 49 CFR 26.13(b). This statement shall be included in all subsequent agreements between the Consultant and any subconsultant or contractor.

"The subconsultant, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the Consultant to carry out these requirements is a material breach of this contract, which may result in termination of this contract or other such remedy as the recipient deems appropriate."

Pursuant to 49 CFR 26.11(c), the Consultant shall submit the bid opportunity list at the time of contract execution, and shall enter DBE commitment and payment information in the Florida Department of Transportation Equal Opportunity Compliance (EOC) system. The Consultant shall request access to the EOC system using Form No. 275-021-30.

- O. Prompt Payment of and Return of Retainage to Subconsultants: The Consultant will pay monies owed to subconsultants, suppliers or other parties within thirty (30) days of the Consultant receiving payment from the Local Agency. The Local Agency is prohibited from withholding retainage from consultants. To the extent the selected consultant withholds retainage from its subconsultants, it must be returned in its entirety within thirty (30) days of satisfactory completion of the subconsultant work. The Local Agency is the arbiter of what constitutes satisfactory completion. These provisions apply to all subconsultants and at all tiers of subcontracting.
- P. It is mutually understood and agreed that the willful falsification, distortion or misrepresentation with respect to any facts related to the project(s) described in this Agreement is a violation of the Federal Law. Accordingly, United States Code, Title 18, Section 1020, is hereby incorporated by reference and made a part of this Agreement.

LOCAL AGENCY PROGRAM FEDERAL-AID TERMS
For PROFESSIONAL SERVICES CONTRACTS

Q. It is understood and agreed that if the Consultant at any time learns that the certification it provided the Local Agency in compliance with 49 CFR, Section 26.51, was erroneous when submitted or has become erroneous by reason of changed circumstances, the Consultant shall provide immediate written notice to the Local Agency. It is further agreed that the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction" as set forth in 49 CFR, Section 29.510, shall be included by the Consultant in all lower tier covered transactions and in all aforementioned federal regulation.

R. The Local Agency hereby certifies that neither the Consultant nor the Consultant's representative has been required by the Local Agency, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this contract, to

1. employ or retain, or agree to employ or retain, any firm or person, or
2. pay, or agree to pay, to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind;

The Local Agency further acknowledges that this agreement will be furnished to a federal agency, in connection with this contract involving participation of Federal-Aid funds, and is subject to applicable State and Federal Laws, both criminal and civil.

S. The Consultant hereby certifies that it has not:

1. employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for the above contractor) to solicit or secure this contract;
2. agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out this contract; or
3. paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for the above contractor) any fee contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the contract.

The Consultant further acknowledges that this agreement will be furnished to the Local Agency, the State of Florida Department of Transportation and a federal agency in connection with this contract involving participation of Federal-Aid funds, and is subject to applicable State and Federal Laws, both criminal and civil.

T. The Consultant shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term.

U. Clean Air Act: The Consultant agrees to comply with applicable standards, orders or regulations issued pursuant to Clean Air Act (42 U.S.C § 7401 et seq), as amended..

The Consultant agrees to report each violation to the Florida Department of Transportation (Department) and understands and agrees that the Department will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

The Consultant agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance.

V. Federal Water Pollution Control Act: The Consultant agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), as amended.

The Consultant agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance.

W. Byrd Anti-Lobbying: Consultants awarded a contract of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or

LOCAL AGENCY PROGRAM FEDERAL-AID TERMS
For PROFESSIONAL SERVICES CONTRACTS

organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES ON FEDERAL AID CONTRACTS: (Compliance with 49 CFR, Section 20.100(b))(1) The Consultant certifies that: (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Consultant, to any person for influencing or attempting to influence either directly or indirectly an officer or employee of any state or Federal agency, a member of the Florida Legislature, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement. (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Agreement, the Consultant shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities". (2) This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. (3) The Consultant also certifies by signing this contract that the Consultant shall require the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Statement for Loan Guarantees and Loan Insurance

Per 49 CFR Part 20, Appendix A, the undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10, 000 and not more than \$100,000 for each such failure.

- X. Buy America: As appropriate and to the extent consistent with law, the non-Federal entity should, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all subawards including all contracts and purchase orders for work or products under this award per 2 CFR part 200.322.

"Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

"Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

Furthermore Federal agencies providing Federal financial assistance for infrastructure projects must implement the Buy America preferences set forth in 2 CFR part 184.

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