

SUBMITTED BY

MARLIN



PROFESSIONAL ENGINEERING DESIGN SERVICES – VARIOUS LOCATIONS / GRACEWOOD LAP PROJECT

NOVEMBER 13 2025

RFQ- 354-26-WV

A

GRACEWOOD

HOLLYWOOD



M

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**EXECUTIVE
SUMMARY**



November 13, 2025

City of Hollywood Evaluation Committee
Department Design and Construction Management
Attention: Victoria Ulysse, Assistant Project Manager
2207 Raleigh Street
Hollywood, FL 33020

RE: Request for Qualifications RFQ-354-26-WV Various Locations / Gracewood Neighborhood LAP Project

Dear Victoria Ulysse and Members of the Selection Committee:

MARLIN Engineering, Inc. (MARLIN) is pleased to respond to this Request for Qualifications (RFQ) with an experienced professional team to provide Professional Engineering Design Services for the City of Hollywood. MARLIN is honored to have supported the City's Transportation and Mobility Department, building strong relationships with staff and local communities while developing studies that address traffic and mobility needs and promote active transportation. We look forward to the opportunity to continue our partnership.

WHO IS MARLIN? Founded 34 years ago in Miami-Dade County, focusing on service and commitment, MARLIN has grown from a two-person team into a full-service, multidisciplinary transportation planning and engineering firm that delivers solutions from concept to construction. MARLIN is a full-service Urban Planning and Civil Engineering firm with Planning, Design, and Bridge Services offices in Palmetto Bay, Fort Lauderdale, Miami, Orlando, and Tallahassee. With more than 127 professionals, MARLIN is committed to delivering innovative, community-focused solutions that enhance mobility, safety, and connectivity. As a Florida-based firm, we take pride in investing in local talent and supporting the continued growth and prosperity of the communities we serve.

WHY MARLIN? We are a Trusted Consultant. MARLIN values the privilege of serving local communities through general planning and engineering contracts. We aim to support the City with the services identified in the RFQ-354-26-WV Various Locations/Gracewood Neighborhood LAP Project. We provide a complete range of services, including Transportation Planning and Multimodal Master Planning with emphasis on Vision Zero, Transportation Engineering and Technology, Traffic Engineering, Transportation Modeling, Parking Systems Planning and Analysis, Transportation Demand Management, Survey & Mapping, Structural Engineering, CEI, and Project Management. Our team of professionals will provide support with Utility Coordination, Cost Estimates, Drone Technology, GIS Mapping, and Support During Construction, and we bring added value services to every project.

- **Safety and "Safe Streets for All" demonstration projects** emphasize livability and equitable mobility.
- **Community Outreach** led by professionals with longstanding relationships in Hollywood neighborhoods and surrounding areas.
- **In-House Data Collection** to ensure accuracy, responsiveness, and quality control.

Our approach is grounded in safety, sustainability, and resilience. We protect historic character, promote active transportation, and incorporate public art to enhance user experience through thoughtful, implementable solutions.

MARLIN provides a team with a proven track record of Transportation Engineering and Design, professionals with expertise in Complete Streets and Vision Zero initiatives for communities throughout Florida. The City of Hollywood can count on MARLIN to plan, design, and deliver implementable, community-supported practical solutions.



MARLIN has assembled an outstanding team to support the City on this contract. Our model for this project is to maintain a strong local consultant team presence with exceptional experience serving municipal clients, supported by the resources of multi-national firms and creative niche subconsultants to provide a depth and breadth of expertise. Our **Project Manager, Armando Aguiar, PE**, leads this effort, bringing 17+ years of experience in project management and is well-versed in various engineering areas, able to direct our experienced and diverse team and provide the support needed to achieve the goals of the City.

MARLIN's approach to working with the City of Hollywood and the Department of Design and Construction Management is centered on a strong commitment to developing a safe, accessible, and pedestrian-friendly sidewalk network within the Gracewood neighborhood. This effort aims not only to enhance walkability and community connectivity, but also to align with the City's broader mission of fostering "a resilient and sustainable City that nurtures quality living and promotes a healthy environment where everyone can prosper." MARLIN fully embraces this vision, integrating multimodal connectivity, resilience, and sustainability into every project we deliver.

We are 100% committed to assigning the right personnel with the expertise and professionalism to ensure our services meet all contract goals and objectives. The MARLIN team combines the resources of a full-service firm with the personal attention and responsiveness of a small, dedicated group. The City of Hollywood benefits from our proven ability to deliver responsive, world-class service to the City's Project Manager.

A distinguishing factor for MARLIN is our institutional knowledge through current contracts and experience working with municipalities in Broward County, Miami-Dade County, FDOT and including permitting agencies across the area. Our staffing stability, teaming consistency, and capability to provide personalized services for any project. Based on these attributes, our team is exceptionally equipped to provide the services needed on this contract.

Our Palmetto Bay Office will be responsible for all work under this contract. Armando Aguiar, PE, will serve as Project Manager and authorized representative for this contract. He can be reached at (D) 954.603.7100, (O) 305.259.7853, or by email at aaguiar@marlinengineering.com.

We sincerely appreciate the opportunity to present our qualifications. We look forward to continuing to build a strong partnership with the City through this contract.

Sincerely,

MARLIN Engineering, Inc.
Ramon Soria, PE - President-CEO

B EXECUTIVE SUMMARY

OUR FIRM - YOUR TEAM

Established in 1991, MARLIN Engineering, Inc. (MARLIN) is a full-service, multi-disciplinary transportation engineering firm specializing in delivering solutions from concept to construction. Our staff are diverse and multifaceted - we develop bold, creative concepts through planning, outreach and design within the realities of the available right-of-way, existing constraints and within time and budget.

As a prime consultant, MARLIN has held over 75 General Engineering and Planning Services contracts and established strong working relationships with many municipalities, Metropolitan Planning Organizations, Community Redevelopment Agencies, Counties, and FDOT Districts.

We are proud to be civil servants; many of our management staff are former FDOT Managers, and we have no conflicts of interest with private development. MARLIN has also completed several funded Local Agency Program (LAP) projects including: the Safe Routes to School and Greenways, Biscayne Trail Segments for Miami-Dade County, the NW 60th Avenue Shared-Use Path in the Town of Miami Lakes and the Citywide Sidewalk Improvements in the City of Doral. Each of these serve as model projects for promoting pedestrian and bicycle mobility. Our team's LAP experience affords us a thorough understanding of the FDOT LAP manual, federal funding, and the National Environmental Policy Act (NEPA) activities required for the LAP process.

Over the last three decades, we have diversified our staff, services, and markets to deliver on all transportation modes and all project delivery phases including planning, programming, design, survey, construction administration, and operations. Our success lies in our passion and commitment to providing our communities with solutions that connect people, increase mobility, foster smart growth, and support economic development through innovation and collaboration.



LOCAL BUSINESS, LOCALLY BASED

Our **Palmetto Bay Office** will be responsible for all work performed on this contract and will pull in resources from our other office locations as needed.

PALMETTO BAY

Main Office
9726 East Indigo Street #303
Palmetto Bay, FL 33157
O: 305.259.7853

ADDITIONAL OFFICE SUPPORT MIAMI

6840 NW 77th Court
Miami, FL 33166
O: 305.477.7575

FORT LAUDERDALE

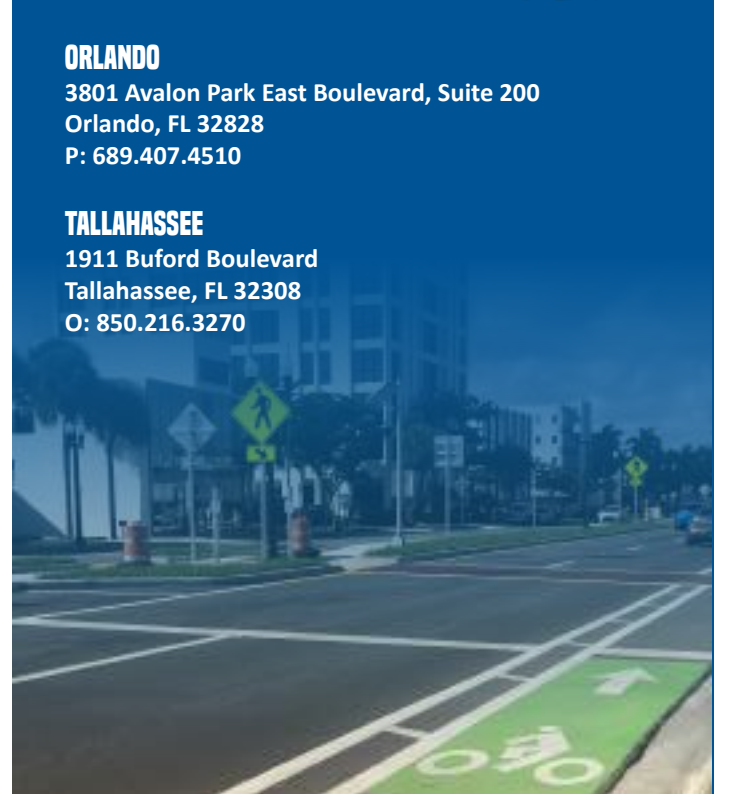
3363 West Commercial Boulevard, Suite 115
Fort Lauderdale, FL 33309
O: 954.870.5070

ORLANDO

3801 Avalon Park East Boulevard, Suite 200
Orlando, FL 32828
P: 689.407.4510

TALLAHASSEE

1911 Buford Boulevard
Tallahassee, FL 32308
O: 850.216.3270



OFFICERS, PRINCIPALS & SUPERVISORY STAFF



MARLIN was founded by **Ramon Soria, PE**, a former FDOT District 6 engineer driven by a passion for delivering high-quality engineering services with a strong commitment to client satisfaction. As Principal-in-Charge, Ramon oversees the firm's management, operations, and overall production, ensuring the delivery of efficient, professional, and responsive services. Under Ramon's leadership and through the strategic recruitment of talented professionals who share his dedication, integrity, and vision, MARLIN has grown into a respected multidisciplinary firm offering engineering, transportation, planning, and survey services. The company's headquarters are located in Palmetto Bay, with fully staffed offices in Fort Lauderdale, Miami, Orlando, and Tallahassee.



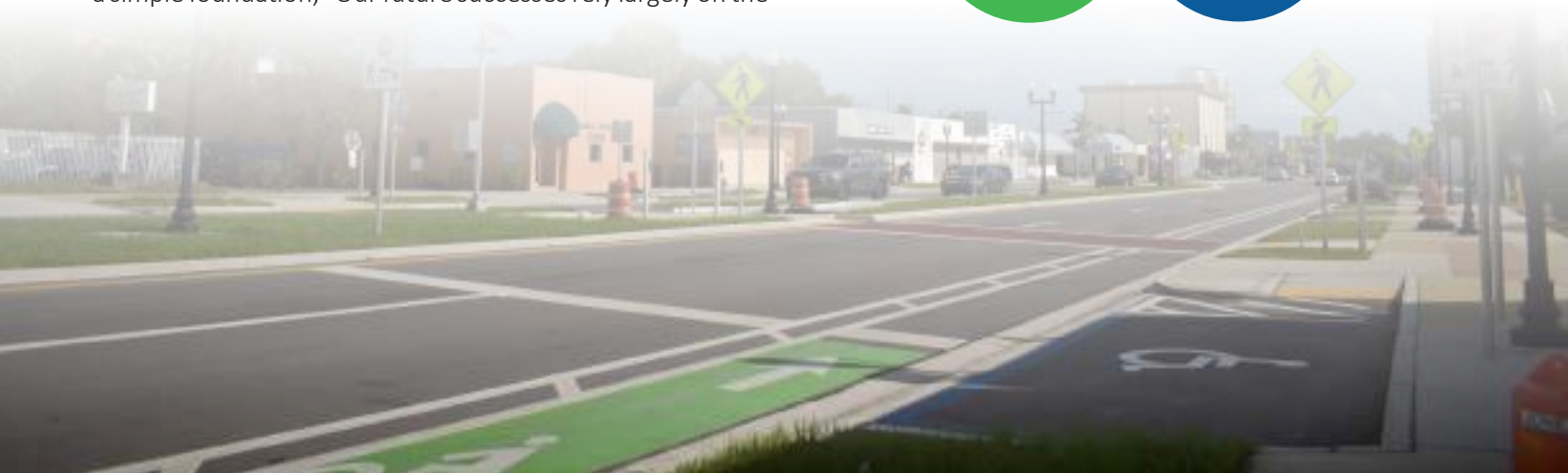
Armando Aguiar, PE will be the MARLIN Project Manager (PM) and serve the City of Hollywood in this capacity for the life of the contract, ensuring continuity and reliability for City staff. Armando is based out of our Palmetto Bay office where the majority of the work will be performed and supported by our other Florida offices as needed. His approach focuses on managing communication between our team and the City to lighten the City's workload for projects under this contract. Armando is 85% available and committed to this contract. Armando will ensure that all contract deliverables will be the highest quality, on schedule and within budget. He will closely oversee workload distribution, track project milestones and commitments, and ensure that all goals and objectives of the contract are successfully achieved. As an added value, Armando's leadership experience as a former Captain in the Florida Army National Guard, reinforces his organizational, communication, team dynamics and efficient operations management skills. Marlin's philosophy is built on a simple foundation, "Our future successes rely largely on the

quality and success of past projects." This foundation reflects our core values of exceeding clients' expectations, providing valuable expertise, leveraging the latest technology, and providing mutual respect, collaboration, and accountability to our clients, partners, and team members.



We have identified **Richard Creed, PE**, for our dedicated Quality Control Manager. Richard has over 37 years of experience in the engineering field, thirty of those were at the FDOT, District 4 in the In-house Design section as project manager and Roadway Design Engineer.

MARLIN is proud to once again be partnered with highly-talented and reputable team members who will perform various specialty tasks anticipated to be needed for these sidewalk projects.





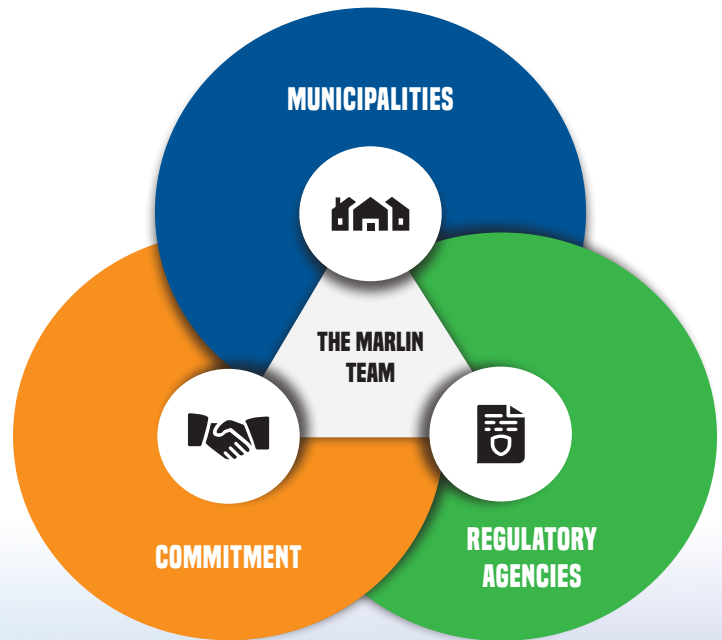
MARLIN SERVICES

- Access Management/Functional Classifications
- Complete Streets
- Community Outreach
- Congestion Management Planning
- Data Mining/Management
- Interchange Proposal Review & Development
- Legislative/Regulative/Policy Analysis
- Multimodal Corridor Analysis
- Multimodal Transportation Studies
- Pedestrian/Bicycle Master Plans
- Policy Planning
- Preliminary Concept Studies
- Project Development & Environmental Studies

EXPERIENCE WITH MUNICIPALITIES

MARLIN has served many municipalities, and we know how to manage Task Work Order driven contracts. We understand the keys to success for these types of contracts.

The MARLIN team leaders have extensive histories working on General Transportation Planning and Traffic Engineering Contracts. We know that developing a detailed scope of services is the key to managing capital projects. We pride ourselves on operating our schedules and budgets effectively.



B AWARDS

MARLIN has won numerous awards for our planning and engineering solutions, and in recent years our clients have received the following acknowledgements.

2025 Project of the Year
Cuban American Association of Civil Engineers | Old Cutler Road Corridor Intersection Improvements



2024 People's Choice Award For Best Project
Broward, Miami-Dade, Palm Beach MPOs
NE 15 Ave Tactical Urbanism Project



2020 Outstanding Achievement Award
South Florida American Public Works Association
Cutler Bay SW 100 Ave Stormwater Retrofit

2021 People's Choice Award: Project of the Year
Broward, Miami-Dade, Palm Beach MPOs
Miami-Dade Protected Bike Lanes Master Plan



2020 Outstanding Achievement for MPO: Outreach & Collaboration
National Association of MPOs
Martin Freight & Goods Movement Plan

2020 People's Choice Award: Best Urban Complete Streets
Broward, Miami-Dade, Palm Beach MPOs
FDOT D4 Hollywood Blvd Complete Streets



2019 Outstanding Major Project of the Year
Florida American Council of Engineering Companies
FDOT D6 Krome Ave Reconstruction

Over the last decades, we have managed and completed over 75 contracts for more than 35 clients in Southeast Florida, including the City of Hollywood.



The City of Hollywood's communities are diverse and thoroughly engaged, and their expectations are high!
The Project Manager's team is committed to supporting the City's staff in meeting and exceeding their Vision, Goals, and Objectives.

B KEY PERSONNEL

KEY INDIVIDUALS WHO WILL BE DIRECTLY INVOLVED ON THIS PROJECT				
	KEY PERSONNEL	ROLE	LOCATION	% AVAILABILITY
MARLIN	Armando Aguiar, PE	Project Manager	Palmetto Bay, FL	85%
	Ramon Soria, PE	Principal in Charge	Palmetto Bay, FL	35%
	Richard Creed, PE	QA/QC Officer	Fort Lauderdale, FL	75%
	Yenny Soca, PE	Signing, Pavement Marking and TTCP Engineer	Fort Lauderdale, FL	80%
	Christina Fermin, AICP	Public Involvement Manager	Fort Lauderdale, FL	80%
	Jolie Cervera, PE	Roadway Engineer	Palmetto Bay, FL	75%
	Jorge Padron	Utility Coordinator / Public Involvement Support	Fort Lauderdale, FL	80%
	Juan C. Melendez, PSM	Director of Survey	Palmetto Bay, FL	75%
CECOS	Wendy Cyriacks	Environmental Engineering Scientist	Deerfield Beach, FL	40%
CMA	George Krawczyk, PE	Drainage, Design and Permitting Engineer	Fort Lauderdale, FL	70%
CHRONCILE	Jelane M Wallace, PA, RPA	Cultural Resources Senior Archaeologist	Phoenix, AZ	30%
GEOSOL	Oracio Riccobono, PE	Chief Geotechnical Engineer	Miami Lakes, FL	70%

Detailed information regarding our qualifications, service approach can be found in Tabs C, D, and E of this proposal.

MARLIN KEY PERSONNEL



ARMANDO AGUIAR, PE
PROJECT MANAGER

Armando has 17+ years of experience and is well-versed in various engineering areas. He is proficient with the FDOT Florida Design Manual (FDM), PROWAG, FDOT Standards Plans, Construction Specifications and Construction Project Administration Manual-CPAM, Florida Building Code (FBC), in addition to other state and local municipalities design standards and construction specifications. He has developed and prepared contract plans and ensured plans and specifications through design criteria, policies, and procedures. He has prepared typical section packages and adjustment plans/matrices for utility conflicts. He also has experience creating alignments, including horizontal and vertical profiles and grades. He is familiar with creating TTC plans, itemized quantities, estimates, and scopes on multiple roadway jobs. Armando is experienced with FDOT ERC reviews, QA/QC and final estimates procedures, Project Suite (PSEE) and right-of-way acquisition procedures. He is proficient with AutoCAD Civil 3D, MicroStation with GEOPAK, MicroStation 3D Modeling, and 3D modeling.



RAMON SORIA, PE
PRESIDENT-CEO

Ramon Soria is the President and a founding member of MARLIN Engineering. His corporate responsibilities include management, overall production, and administrative services for the firm. Ramon also coordinates the firm's efforts to provide professional services to all areas of expertise and assure strong client relationships. With more than 40 years of experience, Ramon is well versed in management, planning, design, and implementation of transportation systems, traffic and transportation engineering, highway design, Project Development, Environmental (PD&E) studies, multimodal studies, water and sewer, land development, construction management, and expert witness testimony. Ramon's record of success has been recognized with awards for "Engineer of the Year" and "Lifetime Achievement."



RICHARD CREED, PE
QUALITY CONTROL OFFICER (QA/QC)

Richard Creed has over 37 years of roadway design experience with the Florida Department of Transportation (FDOT) District 4 Design office and private consulting firms. He is well-versed in FDOT design criteria and standards, AASHTO guidelines, specifications, typical sections, variance and exception review, and quality control

in the daily plans production environment. He was an active member of the FDOT Statewide Complete Streets Team, Broward County MPO Complete Streets Committee, and the D4 lane elimination committee. For 15 years, Richard led the In-house Design unit of up to 35 engineers and technicians, managing all aspects of in-house design production. Additionally, Richard oversaw the District Resurfacing, Restoration, and Rehabilitation (RRR) Program, managing responsibilities such as setting project objectives, identifying suitable candidates, and developing as well as approving project scopes, schedules, and budgets.



YENNY SOCA, PE
PROJECT MANAGER

Yenny Soca has 12 years of experience and serves as the signing, pavement marking and TTCP engineer of record (EOR). Prior to joining MARLIN, Yenny spent more than eight years with FDOT District 4, serving in various technical and leadership roles, including Assistant Section Manager, District Pavement Design Engineer, Interim District Utility Coordinator, and Project Engineer for the Roadway Design Division. As one of our Project Managers, his responsibilities include preparing or QCing technical project documentation, such as pavement design packages, typical section packages, and design variations and exceptions, as well as cost estimates, fee proposals, staff hours, and progress reports. Yenny is highly proficient in 3D modeling software such as OpenRoads Designer (ORD), which allows him to produce detailed CAD drawings to use when performing in-depth design analyses. He is also proficient in GIS and cost estimating tools, including FDOT AASHTOWare. He also has a strong understanding of the FDOT Design Manual (FDM), FDOT Standard Plans and Construction Specifications, and the design standards of various state and local agencies.



CHRISTINA FERMIN, AICP
PUBLIC INVOLVEMENT MANAGER

Christina Fermin is an adept urban planner with over 14 years of experience in urban and regional planning. Christina's expertise includes sustainable development, transportation planning, climate change mitigation, adaptation and resilience; government administration, GIS and spatial analysis, policy planning, bicycle/pedestrian planning, and public speaking. She has substantial knowledge of regional planning principles, public practices, and working with the community. For this contract, Christina will manage public engagement. She is on the Executive Committee of the American Planning Association's Sustainable Communities Division.



JOLIE CERVERA, PE
ROADWAY ENGINEER

Jolie brings 11 years of comprehensive experience in roadway, drainage, signing and pavement marking (SPM), signalization, and traffic engineering projects. Her knowledge spans all phases of design - from initial engineering (Initial Design, Scope, Objectives, Schedule, and Budget, Support Services, etc.) to final engineering (Final Design, Work Program Administration (WPA), Contract Plans, Specifications, etc.). She is well-versed in the preparation and submittal procedures for Plans, Specifications, and Estimates (PS&E) packages, as well as other contract transmittals. Jolie also has extensive experience in utility coordination - working effectively with multiple Utility Agency Owners (UAOs) to mitigate utility conflicts. She is proficient in using OpenRoads Designer (ORD) to develop geometric designs, including alignments, profiles, and intersection layouts. Her understanding of FDOT and various County, City, and Municipal design standards and procedures, and knowledge of FDOT resources such as the FDOT Design Manual (FDM), Standard Plans and Specifications, Florida Greenbook, and Traffic Engineering Manual, among others, supports the production of precise, compliant, and up-to-date designs.



JORGE PADRON
UTILITY COORDINATOR / PUBLIC INVOLVEMENT SUPPORT

Jorge Padron brings 34 years of experience with utility coordination and public involvement coordination with his extensive career of experience working at the Planning and Environmental Management Office (PLEMO). Jorge will focus on coordinating utilities with multiple agencies for the Gracewood neighborhood sidewalk network improvements as outlined in the RFQ. He will also be in charge of public engagement with his experience working on approximately 130 Project Development & Environmental Studies (PD&E) for the PLEMO office.



JUAN C. MELENDEZ, PSM
DIRECTOR OF SURVEY

12 years of experience in topographic, section, and global positioning systems (GPS) survey, aerial photogrammetry, and four years of experience in GIS-related projects. His experience with survey industry software includes SurvCADD XML, Autodesk Map, CIVIL 3D, Microstation GEOPAK, Leica LGO, FDOT Software, Arcmap, (ESRI), MapInfo, ERDAS LPS, Trimbel INPHO, BAE SYSTEMS (SOCET SET), Microsoft Office XP, and Windows.

SUBCONSULTANT KEY PERSONNEL



WENDY CYRIACKS
ENVIRONMENTAL ENGINEERING SCIENTIST

Wendy has a Bachelor of Science (BS) degree in Biology/Marine Biology and has over 35 years of experience in environmental analysis and impact studies, permitting, and National Environmental Policy Act (NEPA) documentation. She serves as Principal 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. Wendy has completed over 50 Project Development and Environment (PD&E)/NEPA projects and has managed and/or conducted natural resource studies, including wetlands, marine benthic studies, threatened and endangered species assessments, and contamination assessments. She has also developed mitigation and monitoring plans, conducted permit compliance reviews, and performs QA/QC reviews. Wendy previously served as the Environmental Administrator for the Florida Department of Transportation (FDOT) Districts 4 and 6.



ERIC HARRISON, PLA
LANDSCAPE ARCHITECTURE

Eric is the Director of Landscape Architecture for CMA's LA team. He is proficient in Florida's plant palette, local environmental conditions, and site-specific microclimates used to prepare aesthetic and functioning landscape designs. Eric is well versed in the use of low-impact development techniques specifically applied to site planning, and has extensive experience with parks and recreation facilities throughout Florida for public and private sector clients, providing design, permitting, and construction observation services for many types of improvements, including urban landscapes; public spaces; corporate campuses; industrial and educational facilities; athletic fields; pedestrian, bicycle, and equestrian trails; site amenities; playgrounds; boating and aquatic facilities; themed wayfinding; amphitheaters; landscape; hardscape; and irrigation. Additionally, he has acted as an extension of municipal staff in several South Florida Municipalities, reviewing permit plans, performing inspections, and rewriting local ordinances.



GEORGE KRAWCZYK, PE
DRAINAGE, DESIGN AND PERMITTING ENGINEER

George is a Senior Engineer for CMA with over 25 years of experience in the private sector as an engineer, a construction project manager, and a public administrative employee. His area of expertise is water resources management and construction administration as he has extensive experience in water treatment, plant permitting, operation, water/wastewater distribution network upgrades, storm water basin permitting, design and construction. George's distinct background includes tenure as a Public Works and Utilities Director while concurrently serving as a Water Control District Administrator for the City of North Lauderdale.



JELANE WALLACE, MA, RPA
CULTURAL RESOURCES SENIOR ARCHAEOLOGIST

Jelane Wallace has two decades of experience in the field of Cultural Resource Management (CRM). With an M.A. in Applied Anthropology from the University of South Florida, she is RPA certified and exceeds the qualifications for an Archaeologist required by the Secretary of the Interior. Jelane has experience conducting archival and historic research, collecting and processing GPS data, as well as the processing, mapping, and utilization of GIS databases. She has conducted fieldwork on CRM projects in Alabama, Florida, Georgia, and Louisiana for clients such

as the U.S. Army Corps of Engineers, FDOT, ALDOT, FDEP, SFWMD, SWFWMD, FWC, NASA, and various Florida State Parks, among many others private and governmental clients. Ms. Wallace has experience with the specific requirements of transportation projects, including providing cultural resource support through all phases of design and planning studies, evaluating Section 4(f) considerations for NEPA Compliance Studies, demolition and mitigation related HABS/HAER documentations, Jurisdictional Transfers, Local Agency Program (LAP) funded projects, and in-house administrative support for DOT Planning and Environmental Management.



ORACIO RICCOBONO, PE
CHIEF GEOTECHNICAL ENGINEER

Mr. Riccobono has over 38 years of experience in geotechnical engineering for numerous transportation projects including roadways, highways, railroads, marine, underground, and airport facilities and 24 years of un-paralleled managing experience on similar contracts for various public sector projects. Experience includes interpretation of subsurface conditions, planning and execution of laboratory testing programs, geotechnical analysis and design of foundation elements of structures, management of geotechnical projects and preparation of numerous geotechnical reports providing conclusions and recommendations for the below projects.



SUBCONSULTANTS

THE TEAM

MARLIN has developed a Team that includes local companies prequalified in the FDOT work types required for RFQ 354-26-WV.



3001 SW 15th Street,
Suite B
Deerfield Beach, FL
33442
P: 954-571-0290

CONTACT:
Wendy Cyriacks
President
wc@
cecosenvironmental.com

CYRIACKS ENVIRONMENTAL CONSULTING SERVICES – D.B.A. CECOS, INC.

Cyriacks Environmental Consulting Service, Inc. (CECOS) was established, in Broward County, in 2003, and a 100% Woman Owned Company that provides public and private sector clients with high quality, professional environmental and ecological consulting services. Wendy Cyriacks, with over 35 years of environmental experience in Florida, is President of CECOS. CECOS has the expertise and staffing to provide high quality environmental services to meet your needs. CECOS provides a wide range of environmental and ecological consulting services including NEPA documentation, environmental planning, permitting, and monitoring permit compliance, natural resource assessments, wetland mitigation and restoration, investigation and analysis of impacts on terrestrial, wetland and marine resources, GIS analysis, threatened and endangered species surveys, and contamination, noise & air studies.

They specialize in providing these services to public sector clients including: Broward County Highway and Construction Engineering, Aviation, Seaport Engineering and Construction (Port Everglades), and Environmental Protection and Growth Management, FDOT, Florida Department of Environmental Protection (FDEP), US Army Corps of Engineers (USACE), South Florida Water Management District (SFWMD), Palm Beach County Department of Airports, Broward County and various other counties, municipalities, and state and federal agencies.

CECOS has worked with local municipalities including City of Miramar, Fort Lauderdale, Deerfield Beach, Town of Bay Harbor Islands, City of Miami, and City of Riviera Beach providing NEPA, natural resource studies and environmental permitting.



916 E. Park Avenue
Tallahassee, FL 32301
P: 256-690-7785

CONTACT:
Heidi de Gregory
Office Principal
hdegregory@
chronicleheritage.com

PALEOWEST D.B.A - CHRONICAL HERITAGE

Founded in 2006, Chronicle Heritage has nearly two decades of experience supporting Florida municipalities, state agencies, and federal partners through compliance-based archaeological investigations and historic preservation planning. Chronicle Heritage is fully capable of conducting all levels of archaeological investigations, including Phase I cultural resource assessment surveys (CRAS), Phase II site evaluations, Phase III data recovery, and archaeological monitoring. Their Florida team has provided cultural resource support for scores of transportation-related projects across the state, most recently under the purview of Districts 1, 3, 4, 5, and 7, as well as for the Florida Turnpike. Project experience includes participation in LAP-funded surveys, PD&E projects, and monitoring in association with construction and CEI undertakings. Chronicle Heritage's designated project team lead, Jelane Wallace, served as an in-house cultural resource consultant for the FDOT District 4 as part of the district-wide contract (2007-2010) held by Panamerican Consultants, Inc., a legacy company of Chronicle Heritage. She attended planning and public outreach meetings, assessed projects and plans for potential cultural resource effects, and prepared required cultural resources documentation for Department of Transportation projects.



500 NW 62nd Street,
Suite 600
Fort Lauderdale, FL
33309
P: 954-730-0707

CONTACT:

George Krawczyk, PE
D: 954-730-0707
Gkrawczyk@chenmoore.
com

FDOT Work Types:

2.0, 31., 3.2, 1.11, 4.12,
5.4, 7.1, 7.2, 13.6, 15.0

CHEN MOORE AND ASSOCIATES

Founded in 1986, Chen Moore and Associates, Inc. (CMA) is an awarded Florida Corporation specializing in planning, civil engineering, water and sewer, water resources, electrical engineering, transportation, landscape architecture and irrigation, environmental, and construction administrative services. The firm has its headquarters in Fort Lauderdale, with regional offices in Miami, West Palm Beach, Tampa Bay (St. Petersburg), Orlando (Maitland), and Jacksonville, and additional offices in Jupiter, Port St. Lucie, Sarasota, Gainesville, Tallahassee, Pensacola, Atlanta, Raleigh (Cary), and Knoxville.

CMA's expertise spans a wide spectrum, from small-scale projects to large neighborhood improvements. CMA has a proven track record as a design consultant across Florida, with expertise in modeling, analysis, and design of water main, force main, gravity sewer, and lift stations. Their engineers have the experience addressing the more important utility issues and work to recommend and prioritize phasing for potential improvements. CMA provides a range of services including:

- Sanitary Sewer Collection Systems Design
- Stormwater Design
- Trenchless Technology
- Environmental Engineering
- Permitting & Regulatory Support
- Sustainable Design & LEED Solutions



5795-A NW 151st Street
Miami Lakes, FL 33014
T: 305-828-4367

CONTACT:

Oracio Riccobono
President
geosolusa@bellsouth.
net

FDOT Work Types:

9.1, 9.2, 9.4.1, 9.4.2

GEOSOL, INC.

(GEOSOL), is a local 25-years old geotechnical firm located in Miami Lakes, certified by FDOT as a DBE, SB and MBE as well as SBE by Miami-Dade County and holds FDOT technical qualification in Work Types 9.1, 9.2, 9.4.1 and 9.4.2 as well as Miami-Dade County for categories 9.01 and 9.02. The firm employs 15 highly qualified staff and provides geotechnical engineering and testing services, including subsurface exploration studies, laboratory testing, engineering, consulting, and design of foundation systems for all kinds of public sector projects, including FDOT Districts 4, 6 and 8/FTE, MDX/GMX, SFRTA, Miami-Dade County Public Works Department, City of Miami and many South Florida municipalities. GEOSOL is a leader providing geotechnical engineering and testing services and has been actively involved in the rapid growth of the South Florida transportation infrastructure by participating as a Soils, Foundations and Materials Testing firm as a prime and as a sub-consultant in more than 1000 small to large size projects. GEOSOL owns and operates its own equipment and has all the needed resources to be able to self-perform 100% of the geotechnical services required for this project. Mr. Oracio Riccobono, P.E. will be the team's geotechnical lead and he has 38 years of experience and over 25 years managing similar geotechnical contracts for D4, D6, D8/FTE, GMX SFRTA, Miami-Dade County Public Works Department, City of Miami and many South Florida municipalities. For the last uninterrupted 25 years, he has been the geotechnical project manager on several FDOT geotechnical districtwide contracts in D4 & D6 while successfully delivering over 500 TWO with the highest grades including interim grades of 4.8 out of 5.0 on 2 current D4 and D6 contracts.

C



**FIRM QUALIFICATIONS
& EXPERIENCE**

C FIRM QUALIFICATIONS AND EXPERIENCE

EXPERIENCE OF OUR TEAM

MARLIN Engineering, Inc., over the past **34 years** has provided high-quality, multidisciplinary planning, engineering, and surveying services to a variety of clients including municipalities, Metropolitan Planning Organizations, Community Redevelopment Agencies, Counties and FDOT Districts. We are proud to be civil servants; most of our management staff are former FDOT Managers, and we have no conflicts of interest with private development.

MARLIN, being a full-service firm, is prequalified in all FDOT work groups specified in the scope of work listed in RFQ-354-26-WV as well as others.

MARLIN IS PREQUALIFIED FOR FDOT WORK TYPES AS OUTLINED IN RFQ 354-26-WV

SERVICE TYPES	DESCRIPTION
2.0	Project Development & Environmental (PD&E) Studies
3.1	Minor Highway Design
7.1	Signing, Pavement Marking & Channelization
8.2	Design, Right of Way & Construction Surveying

See MARLIN's complete list of prequalified FDOT work types in the company licensing section.

MARLIN prides itself in providing high-quality services that result in projects being completed on time and within budget. We have a proven record of success on similar contracts. We have worked in most municipalities throughout South Florida and have collaborated with our clients in their quest to provide a safe and beautiful place to live and improve the quality of life of the community. We understand the keys to success for this contract is to provide quality deliverables that are innovative, consistent with the goals of the City and the Gracewood community to be delivered within time and budget limits. We also understand and have experience working with regulatory agencies and all projects will be in compliance with all agency rules and regulations. The list below features our public clients for whom we have performed similar services to those requested in RFQ-354-26-WV.

MARLIN ENGINEERING, INC.

MARLIN was incorporated as a Florida corporation in

1991

34+ YEARS OF EXPERIENCE

State of Florida FL#S74791 | Tax Status: Corporation

FEIN#: 65-0279601



FULL-SERVICE, DESIGN ENGINEERING FIRM

PROVEN EXPERTS



Planning, Roadway & Highway Design/Bike/
Pedestrian/Complete Streets Services



FDOT WORK GROUPS

2.0, 3.1, 3.2, 3.3, 4.1.1,
4.1.2, 5.1, 5.2, 5.3, 5.4, 6.1,
7.1, 7.2, 7.3, 8.1, 8.2, 10.1,
14.3, 13.4, 13.5, 13.6, 13.7



RAMON SORIA

PRESIDENT-CEO

100% ownership

120+

STAFF

With Municipal Experience



OFFICE LOCATION

9726 E. Indigo Street, Suite 303

Palmetto Bay, FL 33157

O: 305.259.7853

www.MARLINengineering.com



CONTACT PERSON

ARMANDO AGUIAR, PE | Project Manager

O: 305.259.7853 | C: 954.603.7100

E: aaguiar@MARLINengineering.com

City of Aventura
 City of Coral Gables
 City of Coconut Creek
 City of Deerfield Beach
 City of Delray Beach
 City of Deltona
 City of Doral
 City of Fort Lauderdale
 City of Fort Pierce
 City of Hallandale Beach
 City of Hollywood CRA
 City of Miami
 City of Miramar
 City of Miami Beach

City of North Miami Beach
 City of Parkland
 City of Pembroke Pines
 City of Plantation
 City of Palm Beach Gardens
 City of Pompano Beach
 City of Port St. Lucie
 City of Sunny Isles Beach
 City of South Miami
 Indian River County
 Martin County
 Miami-Dade County
 Miami Shores Village
 St. Lucie County

Town of Cutler Bay
 Town of Miami Lakes
 Town of Surfside
 Village of Palmetto Bay
 Village of Pinecrest
 Broward County
 FDOT - All Districts
 Broward MPO
 Indian River MPO
 Miami-Dade TPO
 St. Lucie County TPO
 Martin County MPO
 Martin CRA
 Palm Beach TPA

MARLIN understands that the regulatory agency review process in South Florida is often complex and may involve a number of overlapping jurisdictions. We have the technical knowledge and ability to advocate for the Gracewood neighborhood and City of Hollywood with the various agencies including FDOT, SFWMD, FDEP, USACE and all other local permitting agencies. We have worked extensively with these agencies and understand the ultimate review and permitting process for LAP projects.

Screening, Section 4f, wetlands, protected/managed species, and archaeological/historic properties. While most of the review criteria are addressed through the supporting memoranda, separate stand-alone reports (Contamination Screening Evaluation Report, Wetland Evaluation Report, for example) may be required depending upon the corridor and potential impacts of the improvements. Project locations under this RFQ are anticipated to be covered by the above-mentioned memoranda.



EXPERIENCE WITH LAP PROJECTS

The LAP enables certified local agencies to receive federal funds for transportation-related projects. Typically, these projects involve enhancements or improvements contained within existing right-of-way (ROW) and are non-controversial. Due to the federal requirements involved, (ROW) acquisition is not suited to the LAP process. LAP projects must comply with the National Environmental Policy Act (NEPA). To ensure this compliance, preparation of a Programmatic Categorical or Type I Categorical Exclusion is required. Generally, either categorical exclusion requires completion of a Programmatic/Type I Checklist and supporting environmental memorandum. The purpose of the memorandum is to provide the back-up information supporting the conclusions drawn in the checklist. Some items of note include; Level I Contamination

MARLIN has prepared numerous Programmatic and Type I Categorical Exclusion checklists and supporting memorandum for the following types of projects: sidewalk, multi-use trails, bus stop/shelters, and greenway design and permitting within SFWMD (ROW). Of particular note is the design requirement for LAP projects; improvements to facilities within state-owned (ROW) must be designed to the FDOT's Florida Design Manual (FDM) criteria, while improvements to facilities outside the state ROW can be designed to AASHTO Standards ("Florida Green Book").

As a multidisciplinary civil engineering firm, MARLIN maintains a diverse workload of transportation design projects, including traffic engineering, transportation planning, survey and mapping, complete streets and others. Our team believes that project success begins with early planning, careful definition of the job requirements, the development of a detailed scope of services, and ensuring all team members are keenly aware of the tasks at hand and the associated schedule and budget. This well-defined process will allow MARLIN to provide cost-effective, creative sidewalks, ADA ramps at street intersections and associated signing, pavement marking or channelization necessary for each location within the Gracewood neighborhood.



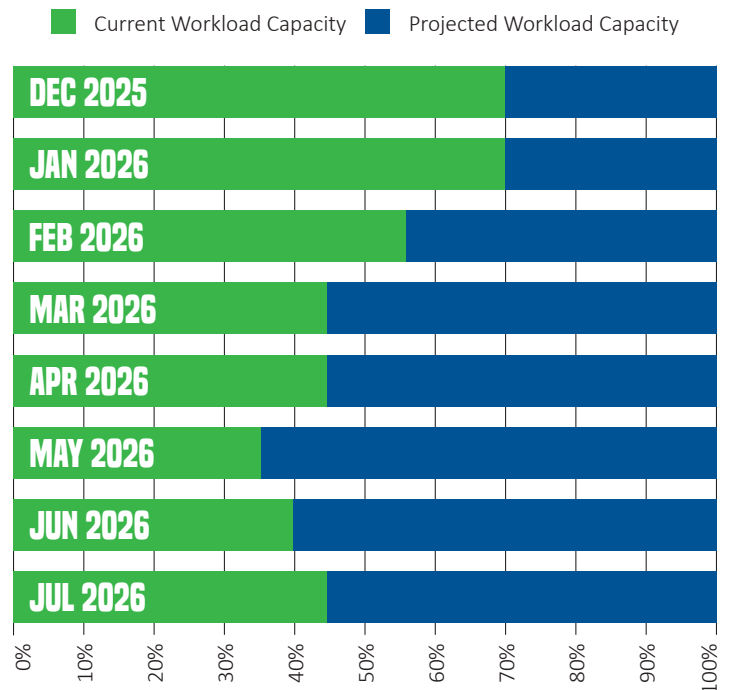
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MARLIN takes pride in its reputation for completing projects on time. This is accomplished with dedicated staff utilizing our staff schedule planning calculator based on projected workloads. Many organizations have difficulty defining staffing requirements, but MARLIN's planning method and employee-centric environment has enabled us to preserve consistent staffing numbers to respond to our client's needs and requests. This staffing method has allowed us to determine the number of productive hours for each staff member, calculate the number of hours required to address projected workloads and allocate the optimal number of appropriate staff necessary to complete each project.

The team members shown in the organizational chart were selected based on their hands-on experience with similar projects and their availability to assume major technical responsibilities to meet the contract schedule. In addition,

we have redundant staff with the technical expertise available to assist, as needed, to ensure the timely completion of any assignment under this contract. With MARLIN, you get an experienced team that is committed and available to complete this challenging project with the comfort of knowing we have the appropriate backup personnel to deal with any unforeseen circumstances.

MARLIN personnel currently have excess capacity in their workloads and are ready to provide personalized service and attention to this exciting project on behalf of the Gracewood neighborhood and the City of Hollywood.



The direct contact person for this contract is our PM, Armando Aguiar, PE. He can be reached via email at aaguiar@marlinengineering.com or by phone at 305.259.7853(office). In order to provide you with exemplary customer service, Armando's cell phone number is 954-603-7100. He is available 24/7 if needed!

LICENSES & UNLICENSED STAFF THAT ARE EXPECTED TO WORK ON THIS CONTRACT

FIRM	LICENSED PERSONNEL	TECHNICAL SUPPORT STAFF	ADMINISTRATES STAFF
MARLIN Engineering, Inc.	13	15	2
Cyriacks Environmental Consulting Services Inc. D.b.a. CECOS, Inc	0	6	1
Chen Moore & Associates Inc.	2	4	0
Paleowest, D.b.a Chronical Heritage	N/A	12	2
Geosol, Inc.	4	10	1

C FIRM QUALIFICATIONS & EXPERIENCE

State of Florida Department of State

I certify from the records of this office that MARLIN ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on August 21, 1991.

The document number of this corporation is S74791.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on February 25, 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 Twenty-fifth day of February,
2025*



[Signature]
Secretary of State

Tracking Number: 8687512476CC

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

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



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

License No.: LB7241
Expiration Date February 28, 2027

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

MARLIN ENGINEERING INC
3363 W COMMERCIAL BLVD STE115
FORT LAUDERDALE, FL 33309

[Signature]
WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

October 21, 2025

Ramon Soria, President
MARLIN ENGINEERING, INC.
9726 E Indigo Street
Palmetto Bay, FL 33157
rsoria@marlinengineering.com

Dear Mr. Soria:

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.:

2.0 - Project Development & Environmental (PD&E) Studies

- 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
- 5.2 - Movable Bridge Inspection
- 5.3 - Complex Bridge Inspection
- 5.4 - Bridge Load Rating

6.1 - Traffic Engineering Studies

- 7.1 - Signing, Pavement Marking and Channelization
- 7.2 - Lighting
- 7.3 - Signalization

- 8.1 - Control Surveying
- 8.2 - Design, Right of Way & Construction Surveying

10.1 - Roadway Construction Engineering Inspection

- 13.3 - Policy Planning
- 13.4 - Systems Planning

1

- 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
179.09%	166.74%	0.000%	Reimbursed	1.04%	1.52%	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.PSPrequalification@dot.state.fl.us.

Sincerely,

[Signature]

Philip Pitts
Professional Services Qualification Administrator
PP/ks

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: MARLIN ENGINEERING INC
Business Type: ENGINEER (ENGINEERING FIRM)
Owner Name: MARLIN ENGINEERING INC
Business Location: 3363 W COMMERCIAL BLVD STE 115 FT LAUDERDALE
Business Phone: 305-477-7575
Business Opened: 01/31/2014
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals		
		1				
For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00
Receipt Fee			30.00			

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

MARLIN ENGINEERING INC
3363 W COMMERCIAL BLVD STE 115
FORT LAUDERDALE, FL 33309-3453

Receipt #: WNW-24-00308709
Paid 09/25/2025 30.00

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

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Business Phone: 305-477-7575
Business Opened: 01/31/2014
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals		
		1				
Signature	For Vending Business Only					
	Number of Machines:		Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00
Receipt #WNW-24-00308709 Paid 09/25/2025 30.00						



CITY OF FORT LAUDERDALE
BUSINESS TAX YEAR 2025-26



Business Tax Division
700 NW 19TH AVE. | FORT LAUDERDALE, FL 33311 | (954) 828 - 5195
Business ID: BT-SLP-21060008
Business Name: SORIA, RAMON
Business Address: 3363 W COMMERCIAL BLVD # 115A

RAMON SORIA
MARLIN ENGINEERING INC
3363 W COMMERCIAL BLVD # 115A
FORT LAUDERDALE FL 33309

TAX CATEGORIES

508000 PROFESSIONAL SERVICES SUPERGROUP

Contact: RAMON SORIA
Business Email: Ap@Marlinengineering.Com

- This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.
- If you have closed or moved out of the city, please email businesstax@fortlauderdale.gov, and include the Business ID #.
- A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than \$3.00, no more than \$25.00.
- If you have sold your business, please email a copy of the Bill of Sale to businesstax@fortlauderdale.gov, and include the Business ID #. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than \$3.00, no more than \$25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

700 NW 19TH AVE.
Fort Lauderdale, FL 33311
TEL 954 828 5195
WWW.FORTLAUDERDALE.GOV

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION



Florida dbpr Department of Business & Professional Regulation

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Licenses

Name:	MARLIN ENGINEERING INC.	License Number:	6104
Rank:	Registry	License Expiration Date:	
Primary Status:	Current	Original License Date:	09/19/1991

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
41218	Current, Active	SORIA, RAMON	Registry		Professional Engineer	02/28/2027

[Printer Friendly](#)

[Return to License Details](#)

Page 1 of 1





CLIENT

City of Doral

SERVICES

Roadway Design
Drainage
Traffic Engineering
ADA Compliance
Signing & Pavement
Markings
Permitting
Cost Estimates
Surveying & Mapping

REFERENCE

Julio Amoedo, MPA,
CGC, CUC, GEC
305.593.6740 Ext. 6018
julio.amoedo@
cityofdoral.com

DATES

12/2017 - 12/2018

COSTS/FEES

Professional:
\$169,483.96

KEY PERSONNEL

Rafael Lagos, PE
Kevin Beck, PSM

CITYWIDE SIDEWALK IMPROVEMENTS PHASE 1

DORAL, FLORIDA

MARLIN has provided the City of Doral with professional services for the design and implementation of a citywide sidewalk improvement and connectivity project.

Under this contract MARLIN provided roadway design, signing and pavement markings, traffic control, drainage analysis, permitting, utility coordination, survey, and construction cost estimates for 10 corridors throughout the City:

- NW 115 Avenue: from NW 34 Street – NW 41 Street
- NW 39 Street: from NW 115 Avenue – NW 114 Avenue
- NW 114 Avenue: from NW 39 Street going 188 ft North
- NW 33 Street: from NW 112 Avenue – NW 107 Avenue
- NW 33 Street: from NW 105 Avenue – NW 97 Avenue
- NW 19 Street: from NW 107 Avenue – NW 97 Avenue
- NW 102 Avenue: from NW 15 Terrace – NW 25 Street
- NW 84 Avenue: from Train Tracks to NW 13 Street
- NW 30 Terrace: from NW 87 Avenue – NW 84 Avenue
- NW 33 Street: from NW 87 Avenue – NW 82 Avenue

The construction of this project used Local Agency Program (LAP) funding administered through FDOT District 6. MARLIN proactively coordinated with FDOT and documenting all impacts of the proposed project through the NEPA process. All impacts were categorized in accordance with a Class of Action determined by FHWA or FDOT during the NEPA process. The level of documentation required was in accordance with the FDOT PD&E Manual. The NEPA process occurred concurrent to the design activities and was concluded prior to 100% submittal.

MARLIN



CLIENT

Miami-Dade County

SERVICES

Roadway Design
Signing & Pavement
Markings

REFERENCE

Jon Orue
305.375.3264
jon.orue@miamidade.gov

DATES

05/2019 - 11/2019

COSTS/FEES

Professional:
\$98,100.00
Construction:
\$372,000.00 (est.)

KEY PERSONNEL

Rafael Lagos, PE

ENGINEERING AND DESIGN UNDER THE SAFE ROUTES TO SCHOOL LOCAL AGENCY PROGRAM

MIAMI-DADE COUNTY, FLORIDA

MARLIN was tasked with implementing safety improvements including signing and pavement markings and traffic control devices consistent with FDOT and MUTCD standards, to better suit pedestrians in the vicinity of Comstock, Gratigny and Hibiscus Elementary Schools in Miami-Dade County.



MARLIN



NW 60TH AVENUE FROM NW 139TH STREET TO MIAMI LAKES DRIVE

MIAMI LAKES, FLORIDA

MARLIN supported the Town of Miami Lakes as the Engineer of Record on the recently completed NW 60th Avenue Complete Streets Project. MARLIN designed a shared-use path along NW 60th Avenue from NW 139th Street to Miami Lakes Drive. The project included ADA enhancements and several new midblock crosswalks for pedestrian access across NW 60th Avenue.

This project has brought several benefits to the Town, including public health, equitable travel, environmental sustainability, and community safety.



CLIENT

Town of Miami Lakes

SERVICES

Roadway Design
Public Involvement
Surveying & Mapping

REFERENCE

Omar Santos Baez, P.E.
Director of Public Works
305.364.6100
santoso@miamilakes-fl.gov

DATES

2017 - 2020

COSTS/FEES

Professional:
\$188,698.00

KEY PERSONNEL

Aysel Freda, PE
Rafael Lagos, PE

MARLIN



TOWNWIDE BICYCLE & PEDESTRIAN IMPROVEMENTS

MIAMI LAKES, FLORIDA

CLIENT

Town of Miami Lakes

SERVICES

Environmental
Roadway Design
Surveying & Mapping

REFERENCE

Carlos Acosta, PE, PMP
305-364-6100 x1129
305-512-7129 Direct
acostac@miamilakes-fl.gov

DATES

Design:
2017 - 2019
Construction:
2019-2020

COSTS/FEES

Professional:
\$220,000.00

KEY PERSONNEL

Rafael Lagos, PE

MARLIN provided design services for the Townwide Bicycle and Pedestrian Improvements, a LAP-funded project in Miami Lakes. This project's scope included the bicycle and pedestrian complete street improvements of selected corridors within the Town. Complete streets and traffic calming improvements were applied by carefully balancing the right-of-way constraints, drainage, utilities and existing landscape with bicycle and pedestrian needs.

Using an innovative typical section approach, MARLIN helped the Town of Miami Lakes reduce long-term construction costs, conserve LAP dollars, reduce construction duration, and maximize public right-of-way usage.

MARLIN documented all impacts through the NEPA process and assisted the Town in their coordination of the LAP process with FDOT in accordance with the FDOT LAP Manual. Coordination included the review of all available environmental information such as, and not limited to, identifying the presence of wetlands, contaminated sites, flood maps, potential impacts on cultural resources, and land acquisition.



MARLIN

NEPA Documentation, Environmental Permitting and Mitigation

Client:	FDOT District 4 / City of Ft Lauderdale
Location:	City of Fort Lauderdale, FL
Duration:	April 2023 - ongoing

DESCRIPTION OF WORK:

This Local Agency Program (LAP) project for the City of Fort Lauderdale is being conducted under a FDOT District 4 General Engineering Contract (GEC) and involves the replacement of three bridges located within the Harbor Beach Residential Community, situated along West Lake Drive in Fort Lauderdale. These bridges span tidally influenced canals, the Mercedes, Lucille, and Estelle Canals, serving as connectors between the Stranahan River and Lake Sylvia within the Intracoastal Waterway.

The project will occur in two phases: Phase 1 includes the environmental assessment, incorporating a benthic survey (completed) and Phase 2 will include National Environmental Policy Act (NEPA) documentation and environmental permitting.

To determine potential impacts to marine resources, including seagrass, corals, and sponges, CECOS conducted benthic resource surveys and mapping for each of the three bridge locations. Surveys were performed during the seagrass growing season (June through September) in accordance with agency guidance. Using SCUBA and a differential GPS unit, CECOS biologists delineated benthic resources consistent with the United States Army Corps of Engineers (USACE) and National Marine Fisheries Service (NMFS) Submerged Aquatic Vegetation Survey Guidelines (NMFS 2001) and the Florida Fish and Wildlife Conservation



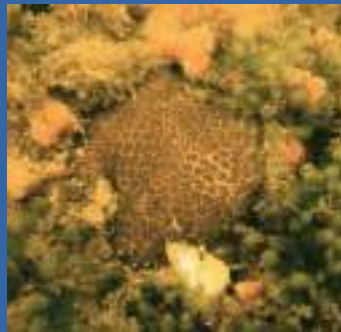
Estelle River Bridge No. 865771

Commission (FWC) Recommended Survey Protocols for Estuarine and Marine SAV Related to Permitting Applications (FWC 2011). Limited benthic resources were identified; however, potential impacts will be addressed during the documentation and permitting phase due to the project's location within essential fish habitat and the potential presence of protected species, including Florida manatees, sea turtles, and smalltooth sawfish. The survey confirmed that existing bridge pilings are encrusted with oysters. This was discussed with NMFS during interagency coordination, and NMFS has requested preparation of an oyster relocation or mitigation plan to be initiated in Phase 2.

Environmental permitting with the U.S. Coast Guard (USCG), South Florida Water Management District (SFWMD), and Broward County Environmental Protection and Growth Management Department (EPGMD) will be required, starting with a preapplication meeting with these agencies. Other agencies that will be involved include the USACE, State Historic Preservation Offices (SHPO) due to the bridges being historic (> 50 years), and NMFS due to impacts to EFH and protected species under their jurisdiction. Permit applications will be submitted to each agency and coordination on the above stated issues. Due to federal funding from the Federal Highway Administration (FHWA) on the project, NEPA documentation and support documentation including a Natural Resource Evaluation (NRE) and Cultural Resource Assessment Survey (CRAS) will be prepared. It is anticipated that the project will meet the criteria for a Categorical Exclusion (CE). The CE will be prepared in close coordination with the Florida Department of Transportation (FDOT).



Oyster-Encrusted Bridge Piling



Blushing Star Coral

NEPA Documentation, Environmental Permitting and Mitigation

Client:	FDOT District 4 / City of Ft Lauderdale
Location:	City of Fort Lauderdale, FL
Duration:	April 2023 - ongoing

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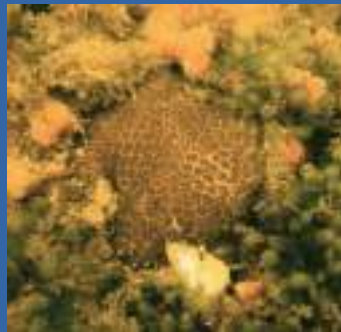
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Oyster-Encrusted Bridge Piling



Blushing Star Coral

NEPA Documentation

Client:	Miami-Dade County/WSP
Location:	Coral Gables, Miami-Dade, FL
Duration:	September 2024 - Ongoing

DESCRIPTION OF WORK:

The Project Development and Environmental Study (PD&E) is aimed at the replacement of the existing Matheson Hammock Park Bridge, number 874294, located over the Matheson Hammock Canal in Miami-Dade County, Florida.

CECOS is responsible for conducting the natural resource studies, including wetlands, Essential Fish Habitat (EFH), and federally and state listed species surveys. CECOS is to conduct a preliminary environmental assessment surrounding the bridge, including a benthic survey. CECOS will survey the surrounding area, including up to 50 feet perpendicular from the bridge utilizing SCUBA equipment in conformance with the US Army Corps of Engineers (USACE) and National Marine Fisheries Service (NMFS) Submerged Aquatic Vegetation (SAV) survey guidelines. If any resources are identified, the SAV boundary will be delineated, including identifying the species and estimated percent cover using a half meter quadrat. Other beneficial resources will be identified using a sub-meter GPS unit. Resources identified include but not limited to corals and oysters. Surrounding habitat will be analyzed for EFH, and potential habitat for listed species, including but not limited to manatees, swimming sea turtles, and the smalltooth sawfish.



Matheson Hammock Bridge #874294

CECOS will assist with the project's Efficient Transportation Decision Making (ETDM) process, including preparing the Advanced Notification and Programming Screen Summary Report. Data will be from the Environmental Screening Tool (EST) within ETDM.

Once ETDM is complete, CECOS will prepare the NEPA documentation resulting from ETDM and the field data collected as described above. These NEPA documents include the Natural Resources Evaluation (NRE), Sociocultural Effects Evaluation (SCE), Section 4(f) Evaluation, Contamination Screening Technical Memorandum, Noise Study Technical Memorandum, and an Air Quality Report.



CECOS staff surveying for benthic resources



Mangroves facing south



Miramar Complete Streets Phase III (FDOT D4 LAP)

Description of Work: This project includes the construction of "complete street" improvements from County Line Road to Pembroke Road, and from SW 62nd Avenue to SR 7. The scope of this project includes the construction of new sidewalks, ADA ramps at street intersections, and pedestrian level lighting along the streets within the project area. Residential driveways will be reconstructed along the proposed sidewalk and the swales will be regraded to accommodate the proposed sidewalks. Lighting at pedestrian level will be installed along the sidewalks and ADA ramps at the intersections along with crosswalks at controlled intersections. The following streets are included within the scope: SW 40th Ct, SW 37th St, SW 33rd St, SW 26th St, SW 25th St, SW 24th St, SW 23rd St, SW 22nd Ct, SW 22nd St, SW 20th Ct, SW 20th St, SW 18th St SW 61st Ave, SW 60th Terr. CMA provided drainage and permitting, and environmental LAP Assistance.

Owner: City of Miramar

Client: Marlin Engineering

Owner Contact: Dr. Roy Virgin, City Manager; (954) 602-3333; rvirgin@miramarfl.gov

Project Dates: 2023 - 2025

CMA Fees: \$130,785.00

CMA's Contract Role: Subconsultant



NE 26th Street Improvements (FDOT D4 LAP)

Description of Work: The City of Wilton Manors wanted to complete a roadway improvement along a portion of NE 26th Street within the City limits. The project was partially funded by FDOT through their Local Agency Program (LAP), which defined the project deadlines. The project limits included the public right-of-way of NE 26th Street from North Dixie Highway on the east to Andrews Avenue on the west. This section of NE 26th Street included approximately 4,700 linear feet of roadway within public right-of-way which varies between 50 feet and 60 feet wide. The scope of the project was to implement the following elements along NE 26th Street within the project limits:

- Installed new bicycle lanes along the corridor on both sides of roadway
- Installed new curbing and gutter where necessary to accommodate new roadway section
- Installed new continuous pedestrian sidewalks to accommodate new roadway section
- Installed new ADA compliant ramps where required
- Installed existing drainage facilities to accommodate new roadway section
- Installed stamped asphalt pedestrian crosswalks where feasible

In order to implement new bicycle lanes along NE 26th Street, the roadway cross section required modification along the majority of the project limits. The modified roadway cross section is wider than the existing roadway cross section, which required the reduction of some existing grass swale areas and driveway approaches along with the relocation of some existing drainage facilities. The configuration of the existing roadway cross section at the intersections with Andrews Avenue, NE 6th Avenue, and North Dixie Highway complicated the implementation of continuous bicycle lanes across these intersections due to available right-of-way limitations.

Client: City of Wilton Manors

Client Contact: Todd DeJesus, Capital Projects & Grants Manager; (954) 390-2105; tdejesus@wiltonmanors.com

Project Dates: 2017 - 2020

CMA Fees: \$130,785.00

CMA's Contract Role: Prime Consultant



Tam O'Shanter Blvd / SW 81st Avenue Traffic Calming / Complete Streets Project

Description of Work: CMA has been evaluating traffic calming measures for the section of SW 81st Ave between McNab Road and Southgate Blvd. for several years now. Initial recommendations included evaluation and design of neighborhood traffic calming devices including posted speed limit reduction, lane width reduction, enhanced pedestrian crosswalks, buffered bike lanes, and roundabouts at select intersections. CMA determined that the roundabouts would not be feasible and began to explore the design of a wide multi-use path to accommodate pedestrians and bicyclists. Due to the abundance of existing utilities and existing transit stops, this alternative was also deemed not feasible. The project was put on the shelf for several years after these investigations and preliminary design developments. In early 2025, CMA learned that the City's funding for any safety improvements along the corridor would expire if final plans were not delivered by August of the same year. CMA's design team swiftly changed course and developed plans for installation of buffered bike lanes and textured pavement markings at select intersections to promote traffic calming. In order to accommodate the 5-foot-wide buffered bike lanes, the inside travel lanes are being narrowed to 10-feet wide and an additional 3-feet of pavement widening is being completed on each side of the roadway. The posted speed limit is also being lowered to 35mph. CMA developed 100% plans and obtained permitting approval through Broward County in a mere 6 months and delivered the completed plans to the City on schedule to preserve the County Surtax funding. Total project length is approximately 2.50 miles and has a projected construction budget of \$3 million dollars.

Client: City of North Lauderdale

Client Contact: Sam May, Public Works Director; (954) 724-7070; smay@nlauderdale.org

Project Dates: 2021 - On-Going

CMA Fees: \$370,610.00

CMA's Contract Role: Prime Consultant



SEMINOLE TRIBE OF FLORIDA HISTORIC STRUCTURE SURVEY

Hendry, Glades, and Broward Counties, FL

Under contract with the Seminole Tribe of Florida, Chronicle Heritage conducted a survey of historic structures built prior to 1978, excluding previously documented resources, within the Big Cypress, Brighton, and Hollywood Reservations. The investigation was undertaken to update the Seminole Site File and serve as the basis for future preservation efforts across the properties.

Survey methods implemented followed those outlined in Module 3: Guidelines for Historic Preservation Professionals, and all resources were evaluated for their eligibility for listing in the National Register of Historic Places (NRHP).

As a result of the survey, 31 structures were recorded across the Big Cypress Reservation, 77 structures were recorded across the Brighton Reservation, and 88 structures were recorded across the Hollywood Reservation. Of the 196 total structures documented and evaluated during the investigation, one was recommended as eligible for NRHP listing. All others were recommended NRHP ineligible. The structure recommended as eligible for the NRHP, The Cigarette Store, is located within the Hollywood Reservation and was considered significant under Criterion A for its role in commerce.

Additionally, Chronicle Heritage's survey within the Hollywood Reservation resulted in the establishment of an historic district comprising the Osceola Circle development, which consists of 38 Contemporary Ranch style residences. At the time of its documentation, the district did not meet the age criterion for NRHP consideration; however, Chronicle Heritage recommends that the Osceola Circle Historic District will be NRHP-eligible in 2030 under Criteria A and C as an excellent example of community planning and development, as well as architectural significance.

CLIENT

Seminole Tribe of Florida
Maureen Mahoney
E: MaureenMahoney@semtribe.com
T: 863.983.6549 Ext. 12248

FIRM ROLE

Prime

PROJECT DATES

2023

Project Professional Fee

\$62,467



STATE ROAD (SR) 70 PROJECT DEVELOPMENT AND ENVIRONMENT STUDY WEST OF SR 18 TO SE HIGHLANDS COUNTY LINE ROAD, CULTURAL RESOURCE ASSESSMENT SURVEY AND CASE STUDY

DeSoto and Highlands Counties, FL

Chronicle Heritage provided cultural resource services to HNTB, Corp. in support of a Project Development and Environment Study (PD&E) of a 16.7-mile portion of SR 70 for FDOT District 1 as part of proposed roadway widening and improvements plans. The project was undertaken to address traffic safety conditions, maintain important east-west connectivity, and accommodate freight activity on SR 70 from west of SR 31 to SE Highlands County Line Road in unincorporated DeSoto County, east of Arcadia. A cultural resource assessment survey (CRAS) was completed to comply with state and federal regulations, including Section 106. Chronicle Heritage's approach included a systematic shovel test survey, as well as a survey of the built environment to document above ground architectural resources. All resources encountered during the investigation were evaluated against National Register of Historic Places (NRHP) criteria to provide NRHP eligibility recommendations as well as assessments of potential impacts.

As a result of the CRAS survey, two archaeological sites and 30 historic resources were documented and evaluated. Chronicle Heritage prepared a Section 106 Case Study to assess the project's potential impacts to the NRHP-eligible Old SR 18/Mahon Avenue (8DE00828), an historic brick road segment associated with World War I era Dorr Airfield. The State Historic Preservation office provided concurrence for both the CRAS and the Case Study in October 2025. Since adverse effects to the historic brick road are unavoidable, Chronicle Heritage is providing ongoing cultural resource assistance in the process of establishing a Memorandum of Agreement for mitigation of adverse effects from the SR 70 roadway improvements project as well as preparing an addendum to the CRAS in order to assess potential effects of proposed ponds and drainage improvements.

CLIENT

HNTB, Corporation
Gordon Mullins
E: gsmullen@hntb.com
T: 863.804.3087

FIRM ROLE

Subcontractor

PROJECT DATES

2024- ongoing
Project Professional Fee
\$153,143



CULTURAL RESOURCE ASSESSMENT SURVEY, TRANS-FLORIDA RAIL TRAIL EXTENSION

Indian River County, FL

Chronicle Heritage (as legacy company Commonwealth Heritage Group) completed a cultural resources assessment survey (CRAS) on behalf of GK Environmental, Inc. for Indian River County Metropolitan Planning Organization and FDOT District 4. Proposed plans involved a 1.4-mile extension to the Trans-Florida Rail Trail to be completed as a Local Agency Program (LAP) funded project. Chronicle Heritage prepared a research design and acquired a Bureau of Archaeological Research (BAR) 1A-32 permit for archaeological survey on state lands as part of the CRAS. Work was completed to comply with state and federal regulations (Section 106) and the permit conditions issued by the BAR. Chronicle Heritage's approach included a systematic shovel test survey, documentation of the built environment for above ground architectural resources, and evaluation of the proposed project's impacts on the historic Trans-Florida railway (8IR00989), which dates to 1896. All resources encountered during the investigation were evaluated against National Register of Historic Places (NRHP) criteria to provide NRHP eligibility recommendations as well as assessments of potential impacts.

As a result of the CRAS, the historic railroad corridor extension was documented, and four Archaeological Occurrences (AO) were noted. Artifacts were curated according to the 1A-32 permit conditions and returned to the BAR. Chronicle Heritage recommended that the historic railway remain ineligible for listing on the NRHP due to lack of integrity. It was the opinion of Chronicle Heritage that the project would have no effect on any NRHP-eligible or listed resources, and the State Historic Preservation office concurred with the findings on May 26, 2023.

CLIENT

GK Environmental, Inc.
George Kulczycki
E: gke@me.com
T: 772.567.1486

FIRM ROLE

Subcontractor

PROJECT DATES

May-August 2022

PROJECT PROFESSIONAL FEE

\$11,969



Past Experience: Project 1

- Project description: [FDOT D4 Mobility Improvements, FM: 431770-4](#)
- Location: [Along Dykes Rd., SW 196th Ave. and NW10th St., Cities of Pembroke Pines & Miramar](#)
- Client/ Reference: Name, Phone, and email address:
[GOAL Associates, Inc. \(Attn.: Mr. Godfrey Lamptey, P.E.\)](#)
[14750 NW 77th Court, Suite 320](#)
[Miami Lakes, FL 33016](#)
[Phone: 786-600-3350 x 101](#)
[E-mail: \[godfrey.lamptey@goalassociates.com\]\(mailto:godfrey.lamptey@goalassociates.com\)](#)
- Firm Role/Task: [Geotechnical Engineer of Record performing Subsurface Exploration & Geotechnical Engineering Evaluations for pavement design, roadway widening and signalization improvements.](#)
- Start Date/Complete Date: [March 1, 2020 to March 31, 2021](#)
- Professional Fees: [\\$103,138](#)

Past Experience: Project 2

- Project description: [FDOT D4 Mobility Improvements, FM: 429576-6, 429576-7 & 429576-8](#)
- Location: [SR-7/US-441 Transit Corridor, Groups/Priorities 6, 7 & 8 Broward County](#)
- Client/ Reference: Name, Phone, and email address:
[Marlin Engineering, Inc. \(Attn.: Ms. Betsy Jeffers, P.E.\)](#)
[3363 W Commercial Blvd., Suite 115](#)
[Fort Lauderdale, FL 33309](#)
[Phone: 954.870.5070](#)
[E-mail: \[bjeffers@marlinengineering.com\]\(mailto:bjeffers@marlinengineering.com\)](#)
- Firm Role/Task: [Geotechnical Engineer of Record performing Subsurface Exploration & Geotechnical Engineering Evaluations for pavement design, roadway widening and signalization improvements.](#)
- Start Date/Complete Date: [July 1, 2021 to July 1 2023](#)
- Professional Fees: [\\$158,462](#)

Past Experience: Project 3

- Project description: [FDOT D4 Mobility Improvements, FM: 429579-2 & 429579-3](#)
- Location: [SR-7/US-441 Transit Corridor Groups/Priorities 2 & 3, Broward County](#)
- Client/ Reference: Name, Phone, and email address:
[HBC Engineering, Inc. \(Attn.: Mr. Bayo Coker, P.E.\)](#)
[8935 NW 35th Lane, Suite 201](#)
[Doral, Florida 33172](#)
[Phone: 786.477.4614](#)
[E-mail: \[acoker@hbcengineeringco.com\]\(mailto:acoker@hbcengineeringco.com\)](#)
- Firm Role/Task: [Geotechnical Engineer of Record performing Subsurface Exploration & Geotechnical Engineering Evaluations for pavement design, roadway widening and signalization improvements.](#)
- Start Date/Complete Date: [Dec. 15, 2019 to Fe. 28, 2021](#)
- Professional Fees: [\\$116,121](#)

D



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ORGANIZATIONAL PROFILE & PROJECT TEAM QUALIFICATIONS

ORGANIZATIONAL CHART

🔑 = Key Personnel
(%) = Availability

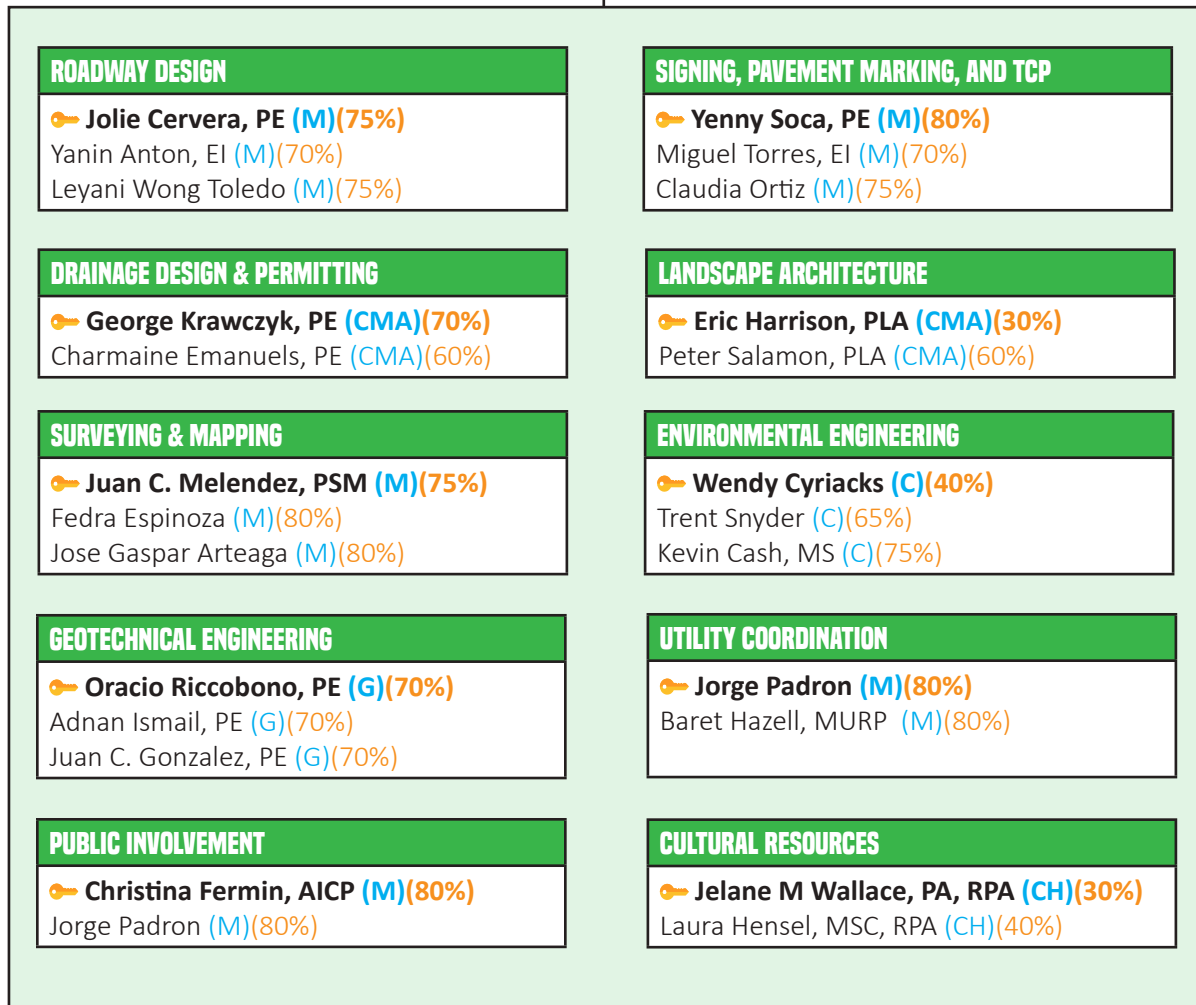
TEAM LEGEND		DBE	WBE	SBE
(M)	MARLIN Engineering, Inc.			
(C)	CECOS, INC.	•	•	•
(CH)	Chronicle Heritage			
(CMA)	Chen Moore and Associates Inc.			
(G)	Geosol, Inc.	•		



 🔑 **Armando Aguiar, PE (M)(85%)**
Project Manager

 🔑 **Ramon Soria, PE (M)(35%)**
Principal In Charge

 🔑 **Richard Creed, PE (M)(75%)**
Quality Control Officer



D MARLIN INDIVIDUAL LICENSING





ARMANDO AGUIAR, PE

PROJECT MANAGER

Armando has 17 years of experience and is well-versed in various engineering areas. He is proficient with the FDOT Florida Design Manual (FDM), Plan Preparation Manual (PPM), FDOT Standards Plans, Construction Specifications and Construction Project Administration Manual-CPAM, MDWASD Standard specifications, Florida Building Code (FBC), in addition to other state and local municipalities design standards and construction specifications. He has developed and prepared contract plans and ensured plans and specifications through design criteria, policies, and procedures. He has prepared typical section packages and adjustment plans/matrices for utility conflicts. He also has experience creating alignments, including profiles and grades and horizontal and vertical design. He is familiar with creating TTC plans, itemized quantities, estimates, and scopes on multiple roadway jobs. Armando is experienced with FDOT QA/QC reviews and the final estimates (PSEE), Project Suite, ERC, and right-of-way acquisition procedures. He is proficient with AutoCAD Civil 3D, MicroStation with GEOPAK, MicroStation 3D Modeling, and 3D modeling.

YEARS OF EXPERIENCE

Total: 17
With MARLIN: 4

EXPERTISE

Roadway Design
Contract Administration
Utility Coordination
Cost Estimates
Quality Control

EDUCATION

BSCE, Engineering
Florida International
University, 2012
IBOLC (Infantry Leader
Course), 2013

REGISTRATIONS

Florida PE No. 84075, 2017

CERTIFICATIONS

Advanced MOT
AASHTO Roadside Design
CTQP No. A260001087
ACI No. 01253169

RELEVANT EXPERIENCE

Bay Vista Blvd | Miami-Dade County DTPW | Project Engineer:

Miami-Dade County Department of Transportation and Public Works project along Bay Vista Blvd, from NE 151st Street to Gwen Margolis Blvd. The project widens the corridor from a 4-lane to a 6-lane divided urban roadway to accommodate projected traffic growth from nearby educational institutions and planned residential developments, while alleviating existing congestion. The design incorporates multimodal and resiliency improvements, including a shared-use path, on-road bike lanes, sidewalks, and a mid-block pedestrian crossing. Roadway elevation was increased approximately 4 feet to address sea level rise and flooding risks, supported by the design of gravity and retaining walls, pedestrian railings, and stormwater management systems. Drainage improvements include injection wells, swales, overflow structures, and outfall discharge to the ocean, with permitting coordination through SFWMD and USACE. Responsibilities included evaluation of design alternatives, and coordination of environmental mitigation for mangrove impacts. (06/2024 – Ongoing) Reference: Alejandro Saulea, PM, MDC DTPW Highway Division

Hogpen Slough | City of Port St. Lucie | Roadway Designer:

This project involves the design of a 3,500-foot boardwalk from Village Green Drive to US-1 through Hogpen Slough, a 730-foot connector north to Village Green Drive, and two 1,100-foot shared-use paths utilizing existing drainage easements. The improvements enhance pedestrian and bicycle connectivity while addressing environmental sensitivity in the area. Scope includes roadway and ADA-compliant sidewalk upgrades, signing and pavement marking improvements, and coordination of lighting design. Responsibilities include photometric calculations, vendor coordination, and FPL service point requests to support integration of trail lighting. Armando Served as *Project Engineer and Lighting EOR*, (09/2023 – Ongoing) Reference: Thomas Salvador, City Project Manager

Miramar Complete Streets Phase III (LAP) | Miramar | Deputy Project Manager: This LAP-funded Grant Program project within the City of Miramar includes milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); a Level I

Contamination Screening Evaluation (CSE), and Development of Construction Specifications. (2023-Ongoing) Reference: DuSean Grant, Civil Engineer III, (954) 602-3318

Johnson Street from N 35th Ave to N 14th Ave (LAP) | Hollywood | Project Manager: This LAP-funded Grant Program project within the City of Hollywood includes new roadway corridor and intersection lighting, utility coordination, geotechnical investigation services, signing, and pavement markings for bicycle usage. A new pedestrian crossing at the south side of the roadway rail crossing at the SFRTA-Johnson Street crossing. Sidewalk construction to connect to the existing sidewalk to the east and west of the railroad. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); Level I Contamination Screening Evaluation (CSE), and Development of Construction Specifications. (2023-Ongoing) Reference: Luis Lopez, PE, Engineering Support Services Manager, (954) 602-3323

E Las Olas Midblock Crossings at S Gordon Road and at Coral Way | Fort Lauderdale | Project Manager: Project consists of two new midblock crossings along E Las Olas Blvd. One is located between S Gordon Road and Bontana Ave, and the second is between NE 20 Ave and Coral Way. The two midblock crossings include Rectangular Rapid-Flashing Beacons (RRFBs) with pedestrian push button actuation and advance signage with flashing beacons that will activate simultaneously with the RRFBs actuation. Advance warning message pavement markings "PED-XINGAHEAD" and advance pedestrian marking symbols near the crossing markings. High emphasis marked crosswalks and decorative lighting specifically for compliance with midblock crossing vertical illumination criteria. (July 2022 to February 2023). *Cost of the Project: \$ 350K*
Reference: Kristin Thompson, Division Manager, Transportation and Mobility, City of Fort Lauderdale, (954) 828-3721

E Las Olas Blvd and SE 15th Ave Intersection Improvement | Fort Lauderdale | Project Manager: Project consists of improvements to the intersection of E Las Olas Blvd and SE 15th Ave to convert the southbound thru movement along SE 15 Ave onto eastbound E Las Olas Blvd to a thru-right-left maneuver. Milling and resurfacing, Signing and Pavement Markings, parking and signalization modifications, and replacing and relocating signal heads for the southbound movement. (July 2022 to February 2023). *Cost of the Project: \$ 70K* Reference: Kristin Thompson, Division Manager, Transportation and Mobility, City of Fort Lauderdale, (954) 828-3721

SR 715 (3R) | FDOT District 4 | Lighting EOR: State Road 715 (Spooner Road) project is a two-lane roadway (rural/urban arterial) in Palm Beach County traversing north-south along the western edge of the City of Belle Glade. The context classification is C-3R Residential from SR 80 to SW Avenue H and C4 Urban General to W. Canal Street South. The project includes milling and resurfacing, shoulder widening, a new sidewalk for the total limits, drainage, signalization, and lighting improvements. As a subconsultant to Stanley Consulting, MARLIN provided complete corridor lighting analysis, design, and coordination. Scope of lighting work included Lighting Justification Analysis Report, Lighting analysis, design and plans prepared for FPL luminaires to be installed by FPL on utility distribution line poles and stand-alone poles. Lighting retrofit at three signalized intersections, including the intersection of SR 80 and SR 715 in West Palm Beach County. (2020-Ongoing) Reference: Amin Ahmed, PE, Senior Project Manager (Sub to Stanley), (954) 457-3042

Old Cutler Road at SW 152nd Street and SW 184th Street Roundabouts| Miami-Dade County | Roadway Engineer: Convert the current signalized intersections into multi-lane roundabouts on Old Cutler Road, specifically at the junctures with SW 152 Street and SW 184 Street to enhance traffic flow and safety at these intersections. The scope of work includes master planning, public involvement meetings, and preparation of complete construction plans to provide new roundabouts with sidewalks, curb and gutters, a storm drainage system, pavement markings and signage, roadway lighting, utility coordination, permitting and construction administration services. (04/20/2020-Ongoing).
Reference: Barbara Mesa Valdes, Project Manager, MDC DTPW Highway Division, (305) 375-3409

Atlantic Shores Blvd Roadway | Hallandale Beach| Project Manager/EOR: Reconstruction of Atlantic Shores Boulevard from Diplomat Parkway to US-1. This Complete Streets project improved safety, multimodal mobility, and corridor resiliency while revitalizing the streetscape. The design raised the roadway to address sea level rise and incorporated innovative stormwater solutions, including porous pavement for on-street parking and the shared-use path, injection wells, a drainage pump system, French drains, and geogrid subbase reinforcement. Additional improvements included asphalt overbuild, a new signalization system, upgraded lighting, and ADA-compliant sidewalks. Responsibilities also included securing environmental permits with the South Florida Water Management District (SFWMD) and the U.S. Army Corps of Engineers (USACE). (2021-2023) Reference: Joselaine Pateau (954) 457-1607.



RAMON SORIA, PE

PRESIDENT & CEO

Ramon Soria is the President and a founding member of MARLIN Engineering. His corporate responsibilities include management, overall production, and administrative services for the firm. Ramon also coordinates the firm's efforts to provide professional services to all areas of expertise and assure strong client relationships. With more than 40 years of experience, Ramon is well versed in management, planning, design, and implementation of transportation systems, traffic and transportation engineering, highway design, Project Development, Environmental (PD&E) studies, multimodal studies, water and sewer, land development, construction management, and expert witness testimony. Ramon's record of success has been recognized with awards for "**Engineer of the Year**" and "**Lifetime Achievement**."

RELEVANT EXPERIENCE

Safe Routes to School Infrastructure Improvements | Miami-Dade MPO | Principal in Charge:

The main objective of this project is to develop "Safe Routes to School" plans for at least ten selected elementary schools that identify "safe routes," infrastructure improvements, cost estimates and a walking map (2016-2019).

Reference; David Henderson, (305) 375-1647

Traffic Calming Study | Palmetto Bay | Principal in Charge: The project's purpose and goal was to perform a comprehensive study for traffic calming alternatives for the Village of Palmetto Bay. The study's scope involved public meetings with the residents, traffic data collection, field review, data analysis, final recommendations, and works prioritization. MARLIN also assists the Town in coordinating with Miami-Dade County's Public Work Department to obtain recommendations. (Ongoing)

Reference: Dionisio Torres, (305) 969-5086

Downtown Redevelopment Study | Palmetto Bay | Principal in Charge: This project received the 2015 Florida Planning and Zoning Board "Outstanding Planning Award." A proposed project consisting of 6,000 new residential and 400,000 SF retail/ office land will be built in three phases of 2025, 2035 and 2045. Ramon oversaw the study, which documented the traffic and transportation needs of the proposed plan. This study included analyzing and reporting the results of existing and phased future transportation impacts, including how trips could be internalized between complementary land uses. Recommendations included new local streets to support a grid network, signal network, and intersection cycle lengths were optimized for future total traffic conditions and some geometric improvements and a series of improvements to promote the use of public transportation and promote bicycling and walking. The study also included road closures, proposed traffic circles, and traffic counts. (2013/2014 -Ongoing)

Reference: Corrice Patterson, (305).259-1234

Transit/Multi-Modal Transportation | State of Florida: Managed numerous projects studying different modes of transportation, including feasibility studies, data collection, data analysis, modeling, alternative analysis, corridor analysis, and environmental impact analysis.

Land Development | State of Florida: Project Manager for over one hundred projects, including parking geometry layout, water and sewer distribution, drainage, signing and marking, and permitting.

Highway Design | State of Florida: Managed hundreds of projects, including complete construction plans production, geometric layout, drainage, signing and marking, maintenance of traffic, utility coordination, and permitting.

YEARS OF EXPERIENCE

Total: 42

With MARLIN: 34

EXPERTISE

Project Management
Engineering Design
Traffic Engineering
Transportation Planning

EDUCATION

BS Civil Engineering
University of Miami, Florida,
1984

REGISTRATION

Florida PE No. 41218, 1989

AFFILIATIONS

American Society of Civil
Engineers

Greater Miami Chamber of
Commerce

CERTIFICATIONS

FHWA-NHI 130091
Underwater Bridge
Inspection, 2023

Hollywood Blvd. Complete Streets | FDOT District 4 | Principal in Charge: Decorative signalization and lighting improvements along Hollywood Blvd. from City Hall Circle to Dixie Highway. This Complete Streets project entailed reconstructing Hollywood Blvd. into a multimodal facility for automobiles, bicycles, and pedestrians. Responsibilities included the production of signalization and lighting component plans. Task performed under MARLIN's current Districtwide Minor Design Projects Contract. (2016-2017)

Reference: Scott Thurman, (954) 777-4135

Atlantic Shores Boulevard Roadway Improvements | Hallandale Beach | Principal in Charge: The City of Hallandale Beach retained MARLIN to provide design and reconstruction services for Atlantic Shores Boulevard from Diplomat Parkway to US 1. Roadway improvements are intended to increase safety and improve the roadway and streetscapes on Atlantic Shores Boulevard. This Complete Streets project addresses on-street parking and creates pedestrian-friendly corridors by implementing wider sidewalks. (2019-Ongoing)

Reference: Peter Kunen, (954) 457-3042 / Joselaine Pateau (954) 457-1607

Young Circle Roadway Design | Hollywood CRA | Principal in Charge: Reconstruction of Young Circle, including Traffic Analysis and Conceptual/Final Design. Tasks include traffic analysis for redesigning the 1000-foot diameter Young Circle in Downtown Hollywood, Florida, data collection, SimTraffic illustrative traffic simulation, conceptual planning-level cost estimates, and participation in stakeholder meetings with FDOT, Broward MPO, and key constituents. (2018-Ongoing)

Reference: Susan Goldberg, (954) 924-2980

Downtown Redevelopment Study | Palmetto Bay | Principal in Charge: This project received the 2015 Florida Planning and Zoning Board "Outstanding Planning Award." A proposed project of 6,000 new residential and 400,000 SF retail/ office land will be built in phases 2025, 2035, and 2045. Ramon oversaw the study, which documented the traffic and transportation needs of the proposed plan. This study included analyzing and reporting the results of existing and phased future transportation impacts, including how trips could be internalized between complementary land uses. Recommendations included new local streets to support a grid network, signal network, and intersection cycle lengths, optimized for future total traffic conditions, geometric improvements, and a series of improvements to promote public transportation, bicycling, and walking. The study also included road closures, proposed traffic circles, and traffic counts. (2013/2014 -Ongoing)

Reference: Corrice Patterson, (305).259-1234

Plantation Midtown Bridge Improvement – PD&E Study and Design Services | Plantation | Principal in Charge: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the South Florida Water Management District (SFWMD) New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation's Midtown District. (2021-Ongoing)

Reference: Samira Shalan, Engineering Director, (954) 797- 2781

Greenways Biscayne Trail Segments C and D PD&E and Design | Miami-Dade County | Principal in Charge: This project is a 36.2-mile-long multi-use trail that includes a PD&E study trail design and construction management services. He oversaw proposed alternatives and a 14-mile pedestrian/bikeway trail connecting Black Point Park and Homestead Bayfront Park, along Biscayne Bay, with the Greenways Trails System. The project also coordinated with permitting agencies such as FDOT, SFWMD, DERM, US Army Corps of Engineers, and US Wildlife and Fishing. LAP Project. (Ongoing).

Reference: Adelfa Martinez, (305) 755-7815

AD Barnes Park | Miami-Dade County | Principal in Charge: Project included design, permitting, and construction administration for various trails identified in both the south Miami-Dade and north Miami-Dade greenway plans, as well as spur trails and trailheads located on adjacent park properties. Scope of work includes site work; paved and unpaved trail surfaces; signage; road crossing signalization; information kiosks; pedestrian, bicycle, and equestrian bridges; shelters and site furnishings; landscaping; lighting; utilities; parking; right-of-way planning, analysis, and acquisition. (2014-2017).

Reference: Duane Kopp, PE, (305) 755-7954



RICHARD CREED, PE

QUALITY CONTROL OFFICER AND SPECIAL PROJECTS MANAGER

Richard Creed has over 37 years of roadway design experience with the Florida Department of Transportation (FDOT) District 4 Design office and private consultant. He is well-versed in FDOT design criteria and standards, AASHTO guidelines, specifications, typical sections, variance and exception review, and quality control in the daily plans production environment. He was an active member of numerous statewide and District 4 committees, including the FDOT Statewide MOT Committee and Statewide Complete Streets Team, Broward County MPO Complete Streets Committee, and the D4 lane elimination committee, all of which established, reviewed, and/or revised criteria and standards appropriate for state and local roadways. For 15 years, Richard led the In-house Design unit of up to 35 engineers and technicians, managing all aspects of in-house design production. The In-house Design unit produced construction plans with a budget of up to \$75M annually, including highway and interstate reconstruction, signalization, lighting, resurfacing, Broward County Mobility (bike and transit improvements), and complete streets, safety, and bridge construction. Additionally, Richard oversaw the District Resurfacing, Restoration, and Rehabilitation (RRR) Program, managing responsibilities such as setting project objectives, identifying suitable candidates, and developing as well as approving project scopes, schedules, and budgets.

As the manager of In-house Design, he was responsible for setting goals and objectives for the entire unit, reviewing budget and schedule requests, employee development, business planning and monitoring, and quality control and assurance. In-house Design was one of the leaders in 3D modeling and worked to incorporate this effort into several test projects early in the Department's implementation process. Richard participated directly as a team member or as a reviewer of numerous VE studies during his time in Design. Under his supervision, In-house Design would routinely provide appropriate expertise to all Value Engineering teams based on scope needs.

RELEVANT EXPERIENCE

Miramar Complete Streets Phase III (LAP) | Miramar | Quality Control Officer: This LAP-funded Grant Program project within the City of Miramar includes milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); a Level I Contamination Screening Evaluation (CSE), and Development of Construction Specifications. (2023-Ongoing)
Reference: DuSean Grant, Civil Engineer III, (954) 602-3318

SR 7/US 441 Transit Corridor Improvements, Broward County | FDOT District 4 | Quality Control Officer and Special Projects Manager: MARLIN provides multimodal connectivity, operations, and safety improvements along nine distinct corridors connecting SR 7 and Rock Island Road in Broward County. Milling, Resurfacing, and Multimodal design improvement projects, including bike and pedestrian upgrades. Sidewalk improvements included ADA and reconstruction to improve pedestrian access and transit utilization accommodations. Roadway widening to accommodate buffered bike lanes and traffic pattern improvements. Minor drainage improvements were designed to mitigate impervious pavement additions. Access management/median modifications analysis allows for more efficient and safer traffic operations. Traffic calming measures are incorporated to aid in neighborhood speed control and safety. As the Quality Control officer and Special Projects Engineer, Richard

YEARS OF EXPERIENCE

Total: 37
With MARLIN:3

EXPERTISE

Project Management
Transportation Design
Complete Streets
Bicycle/Pedestrian
Improvements
ADA specialist
QA/QC manager

EDUCATION

BS, Civil Engineering,
University of Florida, 1987

REGISTRATIONS

Florida PE No. 47162, 1993

CERTIFICATIONS

AASHTO Roadside Design
Guide
NHI Urban Drainage
Design
Interchange Design
Roundabout Planning and
Design
FDOT Leadership Academy
FDOT Supervisors
Academy
Geometric Design

RICHARD CREED, PE

QUALITY CONTROL OFFICER AND SPECIAL PROJECTS MANAGER



reviewed all submittals and ensured phase review comments were adequately addressed for each submittal. Additionally, he performed Quality Assurance/Quality Control (QA/QC) and technically assisted in-house staff. FM No. 429576-1-52-01 (03/2022 – 10/2022)
Reference: Robert Lopes, (954) 777-4425

SR 845/Powerline Road from NW 30th Place to West Drive | FDOT District 4 | Quality Control Officer and Special Projects Manager: Powerline Road is an RRR project that begins south of NW 30th Place and ends south of American Way in Broward County, Florida. Scope included: Milling and Resurfacing, including bike and pedestrian upgrades. Sidewalk improvement included ADA and reconstruction. Roadway widening to accommodate buffered bike lanes and cross slope correction to meet current standards and improve safety. Minor drainage improvements were designed to mitigate impervious pavement additions. Intersection radius return evaluations and improvements to fix recurring maintenance issues and to improve pedestrian access and crossings. As the Quality Control officer and Special projects engineer Richard was responsible for reviewing all submittals and ensuring phase review comments were adequately addressed for each submittal. Additionally, he performed Quality Assurance/Quality Control (QA/QC) and technically assisted in-house staff. FM No. 446096-1- 52-01 (03/2022 – 10/2022) Reference: Anson Sonnett, PE (954) 777-4474

Sunset Strip from Nob Hill Road to Sunrise Boulevard, Broward County, FL | District Roadway Design Engineer: Complete Streets project including lane elimination and two roundabouts with the city of Sunrise. Scope included drainage, bike lanes, and roundabout design. As the District Roadway Design Engineer, Richard reviewed all submittals and ensured phase review comments were adequately addressed for each submittal. Additionally, he performed quality assurance/quality control (QA/QC) and technically assisted in-house staff. (2015-2017) Reference: Scott Peterson, PE, (954) 777-4416

I-95/Lantana Road Interchange Improvements, Palm Beach County, FL | District Roadway Design Engineer: Interchange operational improvements include resurfacing of interchange, widening the southbound exit ramp, and replacing traffic railing on all bridges. As the District Roadway Design Engineer, he reviewed all submittals and ensured phase review comments were adequately addressed for each submittal. Additionally, Richard performed quality assurance/quality control (QA/QC) and technically assisted in-house staff. (2014-2016)

I-95 Palm Beach/Martin County, FL | District Roadway Design Engineer: This project involved resurfacing, restoring, and rehabilitating the interstate, cross slope correction, signing, and marking. Safety upgrades, such as lighting, were identified but funded under a separate project. As the District Roadway Design Engineer, Richard reviewed all submittals and ensured phase review comments were adequately addressed for each submittal. Additionally, he performed quality assurance/quality control (QA/QC) and technically assisted in-house staff. (2013-2015)

SR 810 Hillsboro Boulevard from Military Trail to US 1, Deerfield Beach, FL | FDOT District 4 | District Roadway Design Engineer: Widening and resurfacing, rehabilitation and restoration for the 2.8-mile section of roadway, lane elimination, lighting, interchange improvements at I-95, and extensive public involvement due to the commitment of aesthetic funding and lane elimination process. As District Roadway Design Engineer, Richard reviewed all submittals and ensured phase review comments were adequately addressed for each submittal. Additionally, he performed quality assurance/quality control (QA/QC) and technically assisted in-house staff.

Emergency A1A Project, Broward County, FL | FDOT District 4 | District Roadway Design Engineer: This project involved the reconstruction of SR A1A after the hurricane damaged the corridor and included the extension of local coordination, drainage, environmental impacts, lighting and signalization of a new roadway profile for flooding and retaining walls. As the District Roadway Design Engineer, Richard reviewed all submittals and ensured phase review comments were adequately addressed for each submittal. Additionally, he performed quality assurance/quality control (QA/QC) and technically assisted in-house staff.

Bike/Pedestrian Work Program, Broward County, FL | Broward Metropolitan Planning Organization | District Roadway Design Engineer: This project involved developing and implementing a bicycle/pedestrian program for Broward County MPO. The in-house design developed a scope of work, schedule, and budget based on county priorities and funding. As the District Roadway Design Engineer, he was responsible for oversight and performed (QA/QC) and technically assisted in-house staff.

I-75 Interchange Modifications at Griffin Road, Broward County, FL | FDOT District 4 | District Roadway Design Engineer: This project involved widening and reconstructing the western side of the interchange. Early coordination with the park-and-ride area on the east side and design are underway. As the District Roadway Design Engineer, Richard reviewed all submittals and ensured phase review comments were adequately addressed for each submittal. Additionally, he performed (QA/QC) and technically assisted in-house staff.



JOLIE CERVERA, PE

ROADWAY ENGINEER

YEARS OF EXPERIENCE

Total: 11

With MARLIN: 1

EXPERTISE

Project Management
Roadway Design
Pavement Design
Quality Control
Openroads Designer
Bluebeam
Google Office
FDOT Design Standards

EDUCATION

BS, Civil Engineering,
Florida International
University, 2014

REGISTRATION

Florida PE No. 86966

Jolie brings 11 years of comprehensive experience in roadway, drainage, signing and pavement marking (SPM), signalization, and traffic engineering projects. Her knowledge spans all phases of design - from initial engineering (Initial Design, Scope, Objectives, Schedule, and Budget, Support Services, etc.) to final engineering (Final Design, Work Program Administration (WPA), Contract Plans, Specifications, etc.). She is well-versed in the preparation and submittal procedures for Plans, Specifications, and Estimates (PS&E) packages, as well as other contract transmittals. Jolie also has extensive experience in utility coordination - working effectively with multiple Utility Agency Owners (UAOs) to mitigate utility conflicts. She is proficient in using OpenRoads Designer (ORD) to develop geometric designs, including alignments, profiles, and intersection layouts. Her understanding of FDOT and various County, City, and Municipal design standards and procedures, and knowledge of FDOT resources such as the FDOT Design Manual (FDM), Standard Plans and Specifications, Florida Greenbook, and Traffic Engineering Manual, among others, supports the production of precise, compliant, and up-to-date designs.

RELEVANT EXPERIENCE

SW 152nd Avenue Resurfacing - LAP | Miami-Dade County DTPW | Project Engineer:

The proposed work consists of milling and resurfacing the segment of SW 152nd Avenue, from SW 8th Street to SW 42nd Street. The scope of work includes milling, resurfacing, reconstruction of areas where required, adjustment of valve boxes and manholes, upgrading or construction of curb ramps and connectors to meet ADA criteria, as well as upgrades to the pavement markings and signage, and environmental permitting, including obtaining NEPA compliance. (2025 – Ongoing)
Reference: Alejandro Sauleda, Plans Review & Design Manager, Highway Division (305) 375-4866

City of Miramar Complete Streets Phase IV | City of Miramar | Project Engineer:

The proposed improvements include the construction of sidewalks on one side of the road, ADA ramps at street intersections, and pedestrian-level lighting along the streets within the project area. Jolie is responsible for ensuring the design and production of the roadway plans meets all applicable standards and criteria, including the design of the ADA ramps, SPM, driveway analysis, and sidewalk layout, reviewing and approving design changes, responding to review comments and red lining plans and reports and performing Quality Control reviews for Phase Submittals. (2024 - Ongoing) Reference: Dusean Grant, City Project Manager

Johnson Street SFRTA Crossing | City of Hollywood | Roadway EOR:

The project consists of the reconstruction of a roadway segment (approximately 800 ft) along Johnson Street, from approximately 250 ft west of the existing CSX railroad crossing to N 29th Avenue. The intent is to convert the existing segment's typical section from two lanes-two way to a three-lane configuration consisting of two travel lanes, one each direction, and one center lane, a two-way-left-turn lane (TWLTL). Jolie is responsible for ensuring the design and production of the roadway and SPM plans meet all applicable standards and criteria, verifying the cost estimates are accurate, reviewing and approving design changes, responding to review comments, and ensuring phase submittals are completed accurately. (2024 - Ongoing)

Reference: Luis Lopes, City Project Manager

Bay Vista Blvd | Miami-Dade County DTPW | Project Engineer:

A Miami-Dade County Dept. of Transportation and Public Works project located on Bay Vista Blvd, from NE 151st Street to Gwen Margolis Blvd. The project consists of widening from a 4-lane to a 6-lane divided urban roadway. The proposed widening will provide accommodations for the projected traffic needs associated with the future growth of educational institutions and planned

residential condominium developments, while also alleviating current traffic congestion. Accommodations include the addition of bike

lanes, sidewalks, a mid-block crossing, updating pavement markings and signage, enhancing signalization and lighting, and a continuous storm drainage system. Jolie is responsible for ensuring the design and production of the roadway plans meet all applicable standards and criteria, including the design of the profiles, reviewing and approving design changes, responding to review comments and redlining plans and reports, performing Quality Control reviews, and ensuring phase submittals are completed accurately. (2024 - Ongoing)

Reference: Barbara Mesa Valdes, County Project Manager

SR 852 / County Line Road (3R) | FDOT District 6 | Project Engineer:

This project is located in the City of Miami Gardens within Miami-Dade County and the City of Miramar within Broward County. Its limits extend along SR 852 / County Line Road, from west of NW 170th Block to west of NW 2nd Avenue. The project improvements include milling and resurfacing the existing roadway pavement, shoulders, and access road, signing & pavement markings, miscellaneous structures, signalization upgrades, lighting, survey for utility verification, and landscaping. Jolie is responsible for performing Quality Control reviews, ensuring the design and production of the roadway plans meet all applicable standards and criteria, and responding to review comments. (2024 - Ongoing) Reference: Jessica Cruz, FDOT Project Manager

SW 160th Street and SW 142nd Avenue | Miami-Dade County DTPW | Project EOR:

A Miami-Dade County Dept. of Transportation and Public Works project to provide green pavement markings and upgrade bicycle markings and signage along SW 142nd Avenue from SW 160th Street to SW 168th Street and SW 160th Street from SW 147th Court to SW 137th Avenue. Scope of work includes milling and resurfacing. Jolie is responsible for ensuring the design and production of the SPM plans meet all applicable standards and criteria, verifying the cost estimates are accurate, reviewing and approving design changes, responding to review comments, and ensuring phase submittals are completed accurately. (2025 - Ongoing)

Reference: Joan Fabian, PE, County Project Manager

Lyons Road Mobility Safety Project | City of Coconut Creek | Project Engineer:

This project consists of the construction of pedestrian scale lighting along the west side sidewalk of Lyons Road, between Atlantic Boulevard and the Sawgrass Expressway, aimed at enhancing safety and visibility for pedestrians, bicyclists, and public transportation users. The construction will take advantage of the underground lighting infrastructure, such as pull boxes and conduits, that was installed by the Florida Department of Transportation (FDOT) in 2019. Jolie is responsible for ensuring the design and production of the lighting plans meet all applicable standards and criteria, verifying the cost estimates are accurate, reviewing and approving design changes, responding to review comments, and ensuring phase submittals are completed accurately. (2025 – Ongoing)

Reference: Christine W. Fanchi, PE, MTECC Project Manager

PREVIOUS WORK EXPERIENCE

RDS | [Key Projects below] | Project Manager:

- SR 953 / LeJeune Rd. / SW 42 Ave. from North of S. Dixie Highway to North of Altara Ave.
- SR 934 / NW 74 St. from East of W. 4 Ave. to E. of 4 Ave.
- SR A1A from South of Lake Ave. to North of Ibis Way
- SR 816 / Oakland Park Blvd. from Rock Island Rd. to East of NW 31 St.
- SR 5 / US 1 from North of SE Fischer St. to North of SE Decker Ave.

For her key projects listed above, Jolie was responsible for ● reviewing and approving design changes ● responding to and implementing review comments ● redlining plans and reports for Quality Control Review ● performing Quality Control reviews for Phase Submittals. She collaborated with management, the production team, and/or marketing staff to discuss pursuits. Additionally, she mentored and trained junior staff on design criteria, CADD, and FDOT standards. She estimated quantities and produced cost estimates, prepared scopes of work, staff hours, fee proposals, and negotiated with clients. She attended meetings, prepared technical reports, and coordinated utility conflicts. Jolie analyzed surveys, as-builts, and topo files to plan design, designed alignments, profiles, and plans following FDOT standards, using design software and drawing tools. She drafted detailed dimensional drawings and design layouts for projects and ensured conformance to specifications. Jolie conferred with the PM/EOR to determine project details such as plan preparation and evaluation of field conditions. (2023-2024)



YANIN ANTON, EI

ROADWAY ENGINEER

Yanin Anton is a Civil Engineer with more than 26 years of experience in the design of infrastructure projects. Her expertise encompasses roadway and structural design, structural inspections, and rehabilitation projects for several transportation agencies, including Florida Department of Transportation (FDOT), Greater Miami Expressway Agency (GMX), and Florida Turnpike Enterprise (FTE). She is proficient with the FDOT Florida Design Manual (FDM), FDOT Standards Plans, and FDOT Construction Specifications, in addition to other state and local municipal design standards and construction specifications. As Roadway EI, Yanin is familiar with the production and compliance of plan submittals, creating itemized quantities, estimates, and project-specific reports. Her knowledge of AutoCAD and OpenRoads Designer (ORD) allows her to aid the project manager in peer reviews.

YEARS OF EXPERIENCE

Total: 26
With MARLIN: 5

EXPERTISE

Civil Engineering Design
Structural Engineering
AutoCAD

EDUCATION

BS Civil Engineering,
ISPJAE University Havana,
Cuba, 1991

REGISTRATIONS

Engineer in Training No.
1100022455, 2019

RELEVANT EXPERIENCE

Andrews Avenue Corridor Improvements | Broward County | Roadway EI: This project entails corridor-wide improvements along Andrews Avenue, from Sunrise Blvd to Oakland Park Blvd. The scope of work includes providing design, permitting, post-design services primarily for complete street features installation, providing a raised median throughout, intersection improvements with new mast arms, lighting improvements, Americans with Disabilities Act (ADA) upgrades, drainage improvements, minor roadway widening, and roadway rehabilitation with milling and resurfacing, and signing and pavement marking (SPM) upgrades. As Roadway EI, Yanin has developed the preliminary roadway and SPM design for the Public Meeting Presentation. In developing the design, she conducted a five-year crash analysis to identify high-crash locations. She performed a turning analysis using Autoturn to ensure that emergency vehicles have easy access and safe navigation through the area. She incorporated the design of adjacent developments into the roadway plans to aid in any coordination efforts. She also created the FPL conflict matrix and is leading the coordination efforts. (Mohammad Pervez, County Project Manager | 2024 - Ongoing)

SR 5/US 1/ S. Dixie Hwy, from SW 232 Ave to SW 112 Ave (3R) | FDOT District 6 | Roadway Senior Engineer: This was a Resurfacing, Restoration and Rehabilitation (3R) project along SR 5 / US-1 / S Dixie Hwy located entirely within unincorporated Miami-Dade County. The gross length of the project was approximately 2.247 miles. The project consisted of milling and resurfacing, overbuilding to correct cross slope deficiencies, correcting shoulder edge drop-offs, re-grading the existing swales, reconstructing multiple asphalt driveways, installing several additional drainage inlets, providing ADA improvements, repairing damaged sidewalks, upgrading and modifying pedestrian crossings, pedestrian curb ramps and detectable warning surfaces, upgrading traffic railings, implementing 3R Safety Recommendations, and upgrading all substandard ground-mounted signs and pavement markings to comply with the latest editions of the FDOT and MUTCD. As a roadway EI, Yanin was responsible for assisting the PM in all roadway-related tasks as well as performing peer reviews of the contract plans and quantities. (Alfredo Leon, FDOT D6 Project Manager | 2021 - 2025)

Plantation Midtown Bridge Improvement – PD&E Study and Design Services | Plantation | Roadway Designer: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the South Florida Water Management District (SFWMD) New River Canal, connecting SW 17th Street to WB SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation's Midtown District. As a roadway EI, Yanin is responsible for developing the typical sections, drainage maps, roadway

profiles, and reviewing the intersection details. She is also responsible for the electronic submittal of each design phase. (Samira Shalan, Engineering Director | 2021 - Ongoing)

SR 845/Powerline Road from NW 30th Place to West Drive | FDOT District 4 | Roadway Engineer: Powerline Road is a RRR project that begins south of NW 30th Place and ends south of American Way in Broward County, Florida. The scope of work includes milling and resurfacing the asphalt pavement, ADA improvements, installing pedestrian countdown signals as needed, signing and pavement markings, and drainage. Other assignments include typical section development, cross-slope analysis, field reviews, sign inventory, signing and pavement markings, and preparing the 3R report. (Fausto Gomez, FDOT D4 Project Manager | 2021 - 2022)

Old Cutler Road at SW 152nd Street and SW 184th Street Roundabouts| Miami-Dade County | Roadway Engineer: This project consists of converting the current signalized intersections into multi-lane roundabouts on Old Cutler Road, specifically at the junctures with SW 152 Street and SW 184 Street to enhance traffic flow and safety at these intersections. The project aims to improve traffic flow and safety at these intersections. The scope of work includes master planning, public involvement, and preparation of comprehensive construction plans to provide new roundabouts with sidewalks, curbs, gutters, a storm drainage system, pavement markings and signage, roadway lighting, utility coordination, permitting, and construction administration services. Yanin was responsible for creating the drainage profiles and cross sections. (Barbara Mesa Valdes, County Project Manager | 2020 - Ongoing)

SR 710/Warfield Blvd (SA #10) | FDOT District 4 | Roadway Engineer: Mayor reconstruction of SR 710/Warfield Blvd. (from 2 to 4 lanes) from FPL Access Road to Allappatah Road (SA #10) in Martin County, Florida. The scope of work includes preparing roadway, signing pavement marking and signalization plans, drainage analysis plans, utility coordination, and surveying services. Responsibilities include creating design plans using the 3D Modeling Design software. (Damaris Williams, PE | 2012-2016, 2019-Ongoing)

Atlantic Shores Boulevard Roadway Improvements | Hallandale Beach | Roadway Engineer: The City of Hallandale Beach retained MARLIN to provide design and reconstruction services for Atlantic Shores Boulevard from Diplomat Parkway to US 1. Roadway improvements are intended to increase safety and improve the roadway and streetscapes on Atlantic Shores Boulevard. This Complete Streets project addresses on-street parking and creates a more pedestrian-friendly corridor by implementing wider sidewalks. (Peter Kunen, | 2018-Ongoing)

NW 25th Street Traffic Design | Miami-Dade County | Designer: This project involves implementing a new lighting system to improve operations at the intersection of NW 117th Ave to NW 87th Ave in the City of Doral, Florida. The project includes signing and pavement markings, Maintenance of Traffic (MOT) analysis, lighting and signalization plans. Yanin was responsible for developing Temporary Traffic Control (TTC) plans and typical sections. (Alina Fernandez, Client Project Manager | 2019 - 2022)

Pembroke Pines Mobility Hub Master Plan | Broward MPO | Roadway Engineer: This project included collecting and summarizing relevant transportation plans, land use plans, and redevelopment plans associated with the study area. Yanin prepared conceptual cost estimate plans. (Vilma Croft, HNTB | 2018-2019)

SW 95th Avenue Parking Study | Palmetto Bay | Roadway Engineer: The purpose of this study is to analyze the existing roadway conditions, traffic flow, current land uses, parking requirements, parking demands and recommend parking improvements along SW 95th Avenue between SW 174th Street to US 1. Yanin prepared conceptual cost estimate plans. (Dionisio Torres, PE | 2019)

SR-834/Sample Road from Military Trail to I-95 Southbound Exit | FDOT District 4 | Structural Engineer: Performed analytical evaluation for four (4) existing mast arm structures at the intersection of SR 834/Sample Road and NW 5th Terrace and NW 5th Avenue. She also conducted a structural capacity analysis of the existing mast arms for the proposed additional loading. This project is part of a Districtwide Minor Design contract. (2018-2020)

NW 21st Avenue from Oakland Park Blvd. to Commercial Blvd. | FDOT District 4 | Structural Engineer: In charge of a plan detailing using Microstation and preparing cost estimates for the design and LRFR rating of a single span skew straight bridge. The bridge comprises a concrete superstructure using FIB 36. The project also included a structural analysis for six new mast arms at the following intersections: NW 39th Street and NW 21st Avenue and NW 21st Avenue, and NW 44th Street. This analysis is intended to verify the loading capacity of the proposed structures. (2017-2020)



LEYANI WONG TOLEDO

ROADWAY DESIGNER

Leyani transitioned to the infrastructure and transportation engineering field, where she has spent the past two years working on roadway design projects, contributing to developing safe and efficient road systems. Her multidisciplinary background makes her a versatile professional, well-equipped to adapt to complex engineering environments. She assists in creating 2D geometric designs, including alignments and profiles, as part of roadway design projects. Her growing experience includes work in signing and pavement markings (SPM) and developing typical section packages. She also supports the preparation of cost estimates by organizing and calculating itemized project quantities. She is familiar with the FDOT Design Manual (FDM), FDOT Standard Plans, Construction Specifications, and various City, County, and Municipal design standards.

RELEVANT EXPERIENCE:

Old Cutler Road at SW 152nd Street and SW 184th Street Roundabouts | Miami-Dade County Dept. of Transportation and Public Works (MDC DTPW) Highway Engineering Division | Roadway Designer:

This project consists of converting the current signalized intersections into multi-lane roundabouts. The project aims to improve traffic flow and safety at these intersections. The scope of work includes master planning, public involvement, and preparation of comprehensive construction plans to provide new roundabouts with sidewalks, curbs, gutters, a storm drainage system, pavement markings and signage, roadway lighting, utility coordination, permitting, and construction administration services. As the roadway designer on this project, Leyani assists in the design, plans production and in the phase submittals.

(2020 – Ongoing) Reference: Barbara Mesa Valdes, County Project Manager

Milling & Resurfacing- NW 99 Ave from NW 21 St. to NW 25 St. | 2020054.007- Roadway Designer:

Project consists of milling, resurfacing, and pavement markings along NW 99 Ave from NW 21 Street to NW 25 Street (East and West) (approx. 1300ft). As the roadway designer on this project, Leyani assists in the design, plans production and in the phase submittals. Reference: Darlin Perez, Chief of Engineering, City of Doral Public Works Department (305) 593-6740

Cordova Road & SE 12 Street and at Poinciana Drive at Idlewyld Dr. | 2021005.017-TO#9 | Roadway Designer:

This project consists of the modifying the existing pavement markings at Cordova Dr and SE 12 Street and at Poinciana Dr. at Idlewyld Dr. The scope includes signage and pavement marking/construction plans and permitting by the BCTED at both locations using google maps as background (no Survey). The improvements at Cordova Road and SW 12th Street include curve warning signs and markings. Improvements at Poinciana Drive and Idlewyld Drive include markings and signage to redirect traffic around the existing island. As the roadway designer on this project, Leyani assists in the design, plans production and in the phase submittals.

Reference: Milos Majstorovic, MSCE, PE, Deputy Director, City of Fort Lauderdale Transportation & Mobility (954) 828-4826

SW 117 Ave from US 1 to SW 184 Street | 2021044.002.DES | Roadway Designer

As part of contract E19-DTPW-12, DTPW has selected MARLIN to provide engineering design services for SW 117 Avenue. The project includes roadway improvements to SW 117 Avenue from US-1 to SW 184 Street. These improvements include but are not limited to reconstructing and widening from a 2-lane to a 4-lane divided road, sidewalks, curbs and gutters, continuous storm drainage system, pavement markings and signage signalization, lighting, and landscaping. Leyani was responsible for field reviews, sign inventory, and signing & pavement markings plans. Additionally, she prepared adjustment plans/matrices for utility conflicts. (12/21/2021-Ongoing)

Reference: Joan Fabian, PE, Project Manager, Highway Division, (305) 375-3971

YEARS OF EXPERIENCE

Total: 2

With MARLIN: 2

EXPERTISE

Microsoft Office

Bilingual

EDUCATION

Central University "Marta Abreu" of Las Villas (UCLV)

Bachelor's Degree in

Telecommunications and Electronics Engineering

Santa Clara, Cuba , (2019)

LEYANI WONG TOLEDO

ROADWAY DESIGNER



NE 159 St from NE 6 Ave to W. Dixie Hwy | 2021044.006-WO#2 | Roadway Designer: As part of contract E19-DTPW-12, DTPW has selected MARLIN to provide engineering design services for NE 159 Street from NE 6 Avenue to W Dixie Highway. The project consists of roadway improvements, including reconstructing and widening from a 2-lane to a 4-lane divided road, sidewalks, curb and gutters, continuous storm drainage system, pavement markings and signage, signalization, survey, lighting, and landscaping, and Right-of-Way acquisition. Leyani was responsible for the field reviews, sign inventory, and the production of the signing & pavement markings plans. Additionally, she developed roadway plans and cross sections, prepared adjustment plans/matrices for utility conflicts, and developed itemized quantities and project cost estimates. (7/22/2021-Ongoing)

Reference: Joan Fabian, Project Manager, MDC DTPW Highway Division, (305) 375-3971

West Hillsboro Boulevard Bike Lanes and Lighting Improvements | 2022014.000 | Roadway Designer: The project consists of improvements to West Hillsboro Boulevard, including the design of a new bicycle lane in each direction, sidewalk repairs with root treatment measures, a new lighting system, and the design of a one-lane roundabout at NW 64th Terrace/ NW 74th Place/ West Hillsboro Blvd. Leyani was responsible for the signing & pavement markings plans, and developed itemized quantities and project cost estimates. (03/7/2022-Ongoing) Reference: Mohammad Pervez, PE, (954) 577-4559

Cove Park Parking Spaces | 2022017.003-K9 | Roadway Designer: This project proposed the construction of a minimum of 5 parking spaces for the K-9 Cove Park located at 14048 Palmetto Frontage Rd, Miami Lakes, FL 33016. The proposed design for the parking spaces used MDCDTPW Swale Blocks item no. 526-70-2C and adhered to the Florida Greenbook criteria. As the roadway designer on this project, Leyani assisted in the design, plans production, and in the phase submittals.

(2022) Reference: Stanley W. Merantus

Riverside Dr. from Atlantic Blvd. to NE 14th Street | 2022039.000.DES | Roadway Designer: The project consists of providing contract documents to restore the pavement and provide enhancements to Riverside Drive from Atlantic Boulevard to NE 14th Street. Leyani was responsible for the signing and pavement marking plans and performing the road flood impact calculations for the FEMA Grant Application. Reference: Frenand Thony, P.E., GO Bond Director, (954)-786-7923

City of Hollywood District 5 Traffic Calming | 2023005.001 | Roadway Designer: This project consists of the construction of several traffic calming improvements within the City of Hollywood, based on the City of Hollywood Traffic Calming Master Plan prepared by ATKINS, dated September 2021. Under this design proposal, the services will specifically be based on the City's Traffic Calming Plan Phase 1 implementation Recommendations Summary for District 5. The project will consist of constructing 21 speed tables, 5 roundabouts, 1 curvilinear T-Intersection, and installing 4 electronic speed feedback signs. All improvements shall be in accordance with the Americans with Disabilities Act (ADA). Leyani prepared the Drainage Report. Reference: Rudy Damas, Project Manager, City of Hollywood Design and Construction Management.

Hollywood Johnson Street Lighting Design | 2023005.002_LAP | Roadway Designer: This LAP-funded Grant Program project within the City of Hollywood includes new roadway corridor and intersection lighting, utility coordination, geotechnical investigation services, signing, and pavement markings for bicycle usage. A new pedestrian crossing is being installed at the south side of the roadway rail crossing at the SFRTA-Johnson Street crossing, and a new sidewalk is being constructed to connect to the existing sidewalk to the east and west of the railroad. Leyani developed itemized quantities and project cost estimates. (2023-Ongoing) Reference: Luis Lopez, PE, Engineering Support Services Manager, (954) 602-3323

Galt Ocean Mile | 2023026.001 - 2023026.001 (Subs to Chen Moore) | Roadway Designer: As a subconsultant to Chen Moore, MARLIN is responsible for developing the Signing and Pavement Markings (SPM) and Signalization Plans.

Reference: Yulet Miguel, PE, Senior Engineer- Civil, Chen More and Associates (954) 324-1987



YENNY SOCA, PE

SIGNING, PAVEMENT MARKING AND TTCP ENGINEER

Yenny Soca has 12 years of experience and serves as one of MARLIN's Project Managers (PM) and Engineer of Record (EOR). Prior to joining MARLIN, Yenny spent more than eight years with FDOT District 4, serving in various technical and leadership roles, including Assistant Section Manager, District Pavement Design Engineer, Interim District Utility Coordinator, and Project Engineer for the Roadway Design Division. As one of our Project Managers, his responsibilities include preparing or QCing technical project documentation, such as pavement design packages, typical section packages, and design variations and exceptions, as well as cost estimates, fee proposals, staff hours, and progress reports. Yenny is highly proficient in 3D modeling software such as OpenRoads Designer (ORD), which allows him to produce detailed CAD drawings to use when performing in-depth design analyses. He is also proficient in GIS and cost estimating tools, including FDOT AASHTOWare. He also has a strong understanding of the FDOT Design Manual (FDM), FDOT Standard Plans and Construction Specifications, and the design standards of various state and local agencies.

RELEVANT EXPERIENCE

Plantation Midtown Bridge | City of Plantation | Roadway EOR: Engineering services for the PD&E study and design of a new bridge over the SFWMD New River Canal within the Midtown District of the City of Plantation. The bridge serves as a vital connector to relieve existing and future traffic congestion along Pine Island Rd and University Dr. The 200-foot-long bridge connects WB SR 84 to the local roadway network, including SW 17th St, SW 80th Terr, and SW 78th Ave, providing improved access to Peters Rd, University Dr, and Pine Island Rd. Additionally, the project required the reconfiguration of the New River Greenway, a shared-use path that extends from University Dr to Markham Park in western Broward County. The project supports regional transportation goals by enhancing mobility, addressing congestion, and improving system connectivity in the Midtown District. It complements the Broward MPO/FDOT District 4 I-595 Arterial Connectivity Study (ACS) by evaluating alternatives in the Midtown area. The PD&E study concluded that the new bridge connection would significantly reduce congestion and enhance multimodal transportation within the area.

(2021-Ongoing) | Project Cost: \$10.56 Million | Point of Contact: Samira Shalan, Engineering Director | (954) 797- 2781

West Hillsboro Boulevard Bike Lanes and Lighting Improvements from East of Parkside Drive to State Road 7 | Broward County | Roadway EOR: The project consists of improvements to West Hillsboro Blvd, including the design of a new bicycle lane in each direction, sidewalk reconstruction with special root treatment measures, a new lighting system, and the conversion of the existing stop-controlled intersection at NW 64th Terr / NW 74th PI / West Hillsboro Blvd into a roundabout.

Broward County Project No. 106847 and No. 106848 | (2022 - 2024) | Project Cost: \$7.15 Million | Point of Contact: Mohammad Pervez, Broward County Hwy. Const. & Eng Div. | (954) 577-4559

SR 7 / US 441 Transit Corridor Improvements Group 6 | FDOT District 4 | Roadway EOR: The project provided engineering design services for multimodal connectivity, operations, and safety improvements along nine distinct corridors connecting to SR 7 / US 441 within various cities in Broward County. The scope of work included roadway widening, milling and resurfacing, signing and pavement markings, drainage improvements, sidewalk construction, new bike lanes, lane elimination, speed control measures, ADA upgrades, corridor lighting, and transit stop enhancements.

Contract No.: CAE41; FM No. 429576-6-32-01 | (2021- 2024) | Project Cost: \$4.96 Million | Point of Contact: Robert Lopes | (954) 777-4425

YEARS OF EXPERIENCE

Total: 12

With MARLIN: 4

EXPERTISE

Project Management
Roadway Design
Pavement Design
Utility Coordination
3D Modeling
Construction Engineering
Inspection (CEI)
Geographic Information
Systems (GIS)

EDUCATION

BS, Civil Engineering
Florida Atlantic University,
2013

AS, Building/Construction
Technologies, Palm Beach
State College, 2008

BS, Architectural Drafting
and Design, University Felix
Varela, Cuba, 2000

REGISTRATIONS

PE Florida License No.
84082

CERTIFICATIONS

Advanced Temporary
Traffic Control, FDOT
Certificate# 37174

E Las Olas Boulevard and SE 15th Avenue Intersection Improvements | City of Fort Lauderdale | Roadway EOR: The project consisted of improvements to the intersection of E Las Olas Blvd and SE 15th Ave to convert the southbound thru movement along SE 15th Ave onto eastbound E Las Olas Blvd to a thru-right-left maneuver. Other tasks included milling and resurfacing, signing and pavement markings, parking and signalization modifications, and replacing and relocating signal heads for the southbound movement. (2022 - 2023) | *Project Cost: \$70K | Point of Contact: Kristin Thompson, Division Manager, Transportation and Mobility, City of Fort Lauderdale | (954) 828-3721*

Galt Ocean Mile Improvements | City of Fort Lauderdale | Signing and Pavement Markings EOR: This project involved milling and resurfacing, signing and pavement markings, ADA-compliant pedestrian and bicycle improvements, and streetscape enhancements within the Galt Mile corridor in the City of Fort Lauderdale. Key features included the design of signalized midblock crossings and the installation of custom sign posts. MARLIN was responsible for the signalization, signage, and pavement marking design. (2023 – 2024) *Point of Contact: Kristin Thompson, Division Manager, Transportation and Mobility, City of Fort Lauderdale | (954) 828-3721*

E Broward Boulevard and SE 15th Avenue Intersection Improvements | City of Fort Lauderdale | Roadway EOR: The project consisted of improvements to the intersection of E Broward Blvd and SE 15th Ave, converting the northbound thru movement along SE 15th Ave onto eastbound E Broward Blvd to a thru-right-left maneuver. Other tasks included widening, milling and resurfacing, signing and pavement markings, parking and signalization modifications, and replacing and relocating signal heads for the southbound movement. (2022 - 2024) | *Project Cost: \$150K | Point of Contact: Kristin Thompson, Division Manager, Transportation and Mobility, City of Fort Lauderdale | (954) 828-3721*

NE 159th Street from NE 6th Avenue to W Dixie Highway | Miami-Dade County | Roadway EOR: As part of contract E19-DTPW-12, DTPW has selected MARLIN to provide engineering design services for NE 159th St from NE 6th Ave to W Dixie Highway. The project consists of roadway improvements, including reconstructing and widening from a 2-lane to a 4-lane divided road, elevation of the roadway profile to meet FEMA flood elevation requirements, construction of wider sidewalks, new curb and gutters, continuous storm drainage system, pavement markings and signage, signalization, survey, lighting, and landscaping. (2021 - Ongoing) | *Point of Contact: Joan Fabian, PE, Project Manager, Highway Division | (305) 375-3971*

SR 845 / Powerline Road from Atlantic Boulevard to NW 30th Place | FDOT District 4 | Roadway EOR: This is a Resurfacing, Restoration, Rehabilitation (3R) project, located in Broward County along SR 845. The scope includes milling and resurfacing, developing typical sections, drainage improvements, sight distance evaluation, utility adjustments, updating ADA-compliant sidewalks and ramps, installing ped/bike railings, updating signing and pavement markings, signalization, and lighting retrofit. The project also involves assessment and repair recommendations for sections of rigid concrete pavement at intersections. *FM No. 448406-1-32-01 | (2022 - Ongoing) | Point of Contact: Haiyan Ou, P.E, Project Manager | (954) 777-4641*

Riverside Drive from Atlantic Boulevard to NE 14th Street | City of Pompano Beach | Roadway EOR: This project includes roadway, drainage, lighting, and landscaping improvements along approximately 1.28 miles of Riverside Dr, from east Atlantic Blvd to NE 14th St. The corridor, classified as a local road with a posted speed of 30 mph, features a varying right-of-way width of 50 to 55 feet and is bordered by commercial and multi-story residential developments. This project enhances multimodal mobility by incorporating complete streets design elements, including traffic calming measures and ADA-compliant pedestrian and bicycle improvements. Streetscape enhancements are intended to promote walkability, improve user safety, and support efficient traffic circulation and on-street parking throughout the corridor. The project includes a new close drainage system connecting two new duplex pump stations with 10,000 GPM capacity. *City of Pompano Beach Project No. POMP 013 | (2022 - Ongoing) | Point of Contact: Fernand Thony, PE | (954) 786-7923*

Old Cutler Road at SW 152nd Street and SW 184th Street Roundabouts | Miami-Dade County | Project Engineer: Convert the current signalized intersections into multi-lane roundabouts on Old Cutler Road, specifically at the junctures with SW 152nd St and SW 184th St to enhance traffic flow and safety at these intersections. The scope of work includes master planning, public involvement meetings, and preparation of complete construction plans to provide new roundabouts with sidewalks, curb and gutters, a storm drainage system, pavement markings and signage, roadway lighting, utility coordination, permitting and construction administration services. (2020 - Ongoing) | *Point of Contact: Barbara Mesa Valdes, Project Manager, MDC DTPW Highway Division | (305) 375-3409*



MIGUEL TORRES, E.I.

ROADWAY DESIGNER

Miguel is an invaluable team member in the Design Department at MARLIN, contributing to exciting projects centered around roadway, lighting, and signal design. He has a solid foundation in using AutoCAD Civil 3D and OpenRoads Designer (ORD) to assist with creating CAD drawings, supporting design analysis, and helping ensure that plans follow safety and regulatory guidelines. As a developing roadway designer, he is gaining experience in creating alignments, profiles, and basic 3D models. He is also familiar with the FDOT Design Manual (FDM), FDOT Standard Plans, Construction Specifications, the Florida Building Code (FBC), and design standards used by state and local agencies.

YEARS OF EXPERIENCE

Total: 2

EXPERTISE

AutoCAD
OpenRoads
Microsoft Excel
Microsoft Word

EDUCATION

BS, Civil Engineering
Florida International
University, 2024

AA, Civil Engineering
Miami Dade College,
Miami, FL, 2021

John A Ferguson Senior
High, Miami, FL, 2018

WORK EXPERIENCE

Bay Vista Blvd | MDC DTPW Highway Engineering Division | Roadway & SPM Designer:

A Miami-Dade County Dept. of Transportation and Public Works project located on Bay Vista Blvd, from NE 151st Street to Gwen Margolis Blvd. The project consists of widening from a 4-lane to a 6-lane divided urban roadway. The proposed widening will provide accommodations for the projected traffic needs associated with the future growth of educational institutions and planned residential condominium developments, while also alleviating current traffic congestion. Accommodations include the addition of bike lanes, sidewalks, a mid-block crossing, updating pavement markings and signage, enhancing signalization and lighting, and a continuous storm drainage system. As the roadway designer on this project, Miguel is responsible for designing the roadway and SPM components, ensuring the designs comply with all applicable standards. He is also responsible for the plans production and assisting in the phase submittals. *Reference: Barbara Mesa Valdes, County Project Manager, (2024 - Ongoing)*

SW 200 St/Caribbean Blvd, from Quail Roost Drive to US-1 | Miami-Dade County | Signalization and Lighting Designer:

As part of contract E19-DTPW-12, DTPW has selected MARLIN to provide engineering design services for SW 200 Street. The project includes roadway improvements to SW 200 Street from Quail Roost Drive to US-1. These improvements include reconstructing and widening from a 2-lane to a 4-lane divided road, sidewalks, curb and gutters, a continuous storm drainage system, pavement markings, signage, signalization, lighting, landscaping, and Right of Way acquisition. As the signals and lighting designer, he assists in the design and layout of the signals and lighting components. He also calculates the quantities for the cost estimates and aids in the plan's production and phase submittals. (12/21/2021-Ongoing).

Reference: Alejandro Sauleda, Project Manager, MDC DTPW Highway Division, (305) 375-4866.

SW 117th Avenue from US 1 to SW 184th Street | Miami-Dade County Dept. of Transportation and Public Works (MDC DTPW) | Roadway & SPM Designer:

As part of contract E19-DTPW-12, DTPW selected MARLIN to provide engineering design services for SW 117th Avenue. The project includes roadway improvements to SW 117th Avenue from US 1 to SW 184th Street. These improvements include reconstructing and widening from a 2-lane to a 4-lane divided road, sidewalks, curb and gutters, continuous storm drainage system, SPM, signalization, lighting, and landscaping. The project also includes utility relocations and right-of-way acquisitions. As the roadway and SPM designer, he assists in creating roadway plans and quantities, profiles, and 3d models for the main corridor and side streets, and cross sections. He also aids in the plans production and phase submittals. *Reference: Joan Fabian, County Project Manager, (2021 - Ongoing)*

MIGUEL TORRES, E.I.

ROADWAY DESIGNER



NE 159th Street | Miami-Dade County Dept. of Transportation and Public Works (MDC DTPW) | Roadway & Signalization Designer: As part of contract E19-DTPW-12, DTPW selected MARLIN to provide engineering design services for NE 159th Street from NE 6th Avenue to W Dixie Highway. The project consists of roadway improvements, including reconstructing and widening from a 2-lane to a 4-lane divided road, sidewalks, curb and gutters, a continuous storm drainage system, pavement markings and signage, signalization, survey, lighting, landscaping, and right-of-way acquisition. Miguel serves as the roadway and signal designer for this project. He also calculates the quantities for the cost estimates, aids in the plans production and phase submittals. *Reference: Joan Fabian, County Project Manager, (2021 - Ongoing)*



CLAUDIA ORTIZ

ROADWAY DESIGNER

Claudia has ten years of experience in civil engineering. She has been integral in the plans production for several disciplines, including roadway, signing and pavement markings (SPM), drainage, and lighting. Claudia is well-versed in various software design packages, including AutoCAD Civil 3D, Microsoft Suite, MicroStation, and ORD. As a roadway designer, she produces cost estimates based on itemized project quantities and is knowledgeable about the FDOT Design Manual (FDM), FDOT Design Standard plans, and Construction Specifications, as well as multiple City, County, and Municipal standards.

RELEVANT EXPERIENCE

E Las Olas Boulevard Midblock Crossings | City of Fort Lauderdale | Roadway Designer:

This project consisted of two new midblock crossings along E Las Olas Boulevard. One was between S Gordon Road and Bontana Avenue, and the second was between NE 20th Avenue and Coral Way. The two midblock crossings included Rectangular Rapid-Flashing Beacons (RRFBs) with pedestrian push button actuation and advance signage with flashing beacons that activated simultaneously with the RRFBs actuation. Advanced warning pavement markings were provided near the crossings and high-emphasis marked crosswalks to enhance driver awareness. Decorative lighting, specifically designed to meet midblock crossing vertical illumination criteria, was also provided. Claudia was responsible for the design of the mid-block crossings, SPM, and signalization. (Kristin Thompson, Division Manager, Transportation and Mobility, City of Fort Lauderdale | 2022 - 2023)

E Las Olas Boulevard & SE 15th Avenue Intersection Improvements | City of Fort Lauderdale | Roadway Designer:

This project entails modifying the vehicular traffic movement patterns at the intersection E Las Olas Boulevard and SE 15th Avenue by converting the southbound right-through traffic lane along SE 15 Avenue to a tri-movement (right-through-left) lane. This will convert the southbound movement from single left turn to dual left turn. The project involves milling and resurfacing for re-striping purposes, SPM modifications, and signal modifications to the existing strain-wire structures. Scope of work includes signal timing analysis. Claudia is responsible for the design and production of the SPM and signalization plans.

(Kristin Thompson, Division Manager, Transportation and Mobility, City of Fort Lauderdale | 2022 - Ongoing)

Riverside Drive Streetscape Improvements | City of Pompano Beach | Roadway Designer:

This project consists of pavement restoration and providing enhancements to Riverside Drive from Atlantic Boulevard to NE 14th Street. The scope of services includes preparing preliminary design reports, project schedules, feasibility analyses, site plans, and/or design alternative recommendations and preliminary cost estimates, and preparing all required bidding and construction documents for the project. Claudia is responsible for the design and production of the roadway and SPM plans, as well as for the plan quantities and cost estimates.

(Fernand Thony, Go Bond Director City of Pompano Beach | 2022 - Ongoing)

SR 976 / SW 40th Street / Bird Road from East of SW 87th Avenue to West of SR 826 | Roadway Designer:

The proposed 3R scope includes milling and resurfacing the existing roadway, ADA improvements, signing, pavement marking, and signal system/pedestrian signal improvements. Claudia is responsible for the design and production of the signalization plans.

(Fernando Gomez, Client Project Manager | 2021 - Ongoing)

YEARS OF EXPERIENCE

Total: 10

With MARLIN: 3

EXPERTISE

AutoCAD Civil 3D

MicroStation

ORD

Data Analytics

Engineering Design

EDUCATION

BS in Geophysics-
Polytechnic Institute "Jose
Antonio Echeverria"
(CUJAE), Cuba, 2010-2015

Computer Science
Associate -Polytechnic
Institute of Informatics
"Raul Cepero Bonilla,"
Cuba, 2006-2009

CLAUDIA ORTIZ

ROADWAY DESIGNER



City of Miramar Complete Streets Phase III | City of Miramar | Roadway Designer:

This LAP-funded Grant Program project within the City of Miramar includes milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement marking improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the 14 streets within the project area. The scope of work includes the reconstruction of driveways and the regrading of swales along the proposed limits. Compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); a Level I Contamination Screening Evaluation (CSE), and Development of Construction Specifications were also part of the scope of work. Claudia is responsible for the design and production of the roadway plans, including the SPM's. This also includes the design of the ADA ramps, driveway analysis, and sidewalk layout. (Dusean Grant, City Project Manager | 2024 - Ongoing)

City of Miramar Complete Streets Phase IV | City of Miramar | Roadway Designer:

The proposed improvements include construction of sidewalks on one side of the road, ADA ramps at street intersections, and pedestrian-level lighting along the streets within the project area. Claudia is responsible for the design and production of the roadway and lighting plans. This also includes the design of the ADA ramps, SPM, driveway analysis, and sidewalk layout. She also performed the photometric analysis. (Dusean Grant, City Project Manager | 2024 - Ongoing)

Johnson Street SFRTA Crossing | City of Hollywood | Roadway Designer:

The project consists of the reconstruction of a roadway segment (approximately 800 ft) along Johnson Street, from approximately 250 ft west of the existing CSX railroad crossing to N 29th Avenue. The intent is to convert the existing segment's typical section from two lanes-two way to a three-lane configuration consisting of two travel lanes, one each direction, and one center lane, a two-way-left-turn lane (TWLTL). Claudia is responsible for the design and production of the roadway and SPM plans, including the cost estimates.

(Luis Lopes, City Project Manager | 2024 - Ongoing)



JUAN C. MELENDEZ, PSM

DIRECTOR OF SURVEY

12 years of experience in topographic, section, and global positioning systems (GPS) survey, aerial photogrammetry, and four years of experience in GIS-related projects. His experience with survey industry software includes SurvCADD XML, Autodesk Map, CIVIL 3D, Microstation GEOPAK, Leica LGO, FDOT Software, Arcmap, (ESRI), MapInfo, ERDAS LPS, Trimbel INPHO, BAE SYSTEMS (SOCET SET), Microsoft Office XP, and Windows.

YEARS OF EXPERIENCE

Total: 12
With MARLIN: <1

EXPERTISE

SurvCADD XML
Autodesk Map
CIVIL 3D
Microstation GEOPAK
Leica LGO
FDOT Software
Arcmap
ESRI
MapInfo
ERDAS LPS
Tribel INPHO
GAE Systems
Microsoft Office

EDUCATION

BS, Survey and Mapping,
Polytechnic University of
Puerto Rico, 2005

CERTIFICATIONS

Florida No. LS6721
Puerto Rico No. 22186

AFFILIATIONS

2005 Member of the
American Society of
Photogrammetry and
Remote Sensing (ASPRS)

Member of the Colegio de
Ingenieros y Agrimensores
de Puerto Rico (CIAPR)

WORK EXPERIENCE

Orthotek Geospatial Solutions | Doral, Florida | Pompano Raised Intersection Improvements-Pompano | Subconsultant to Kimley-Horn | PMS Project Manager

Comprehensive survey and mapping service for improvements at the intersections of NW 6th Ave with NW 6th St, NW 8th St, and NW 10th St. The survey encompasses a detailed examination of roadway conditions, utilities, structures, sidewalks, and natural features within and surrounding the specified areas, extending 15 feet beyond right-of-way boundaries and 100 feet past roundabout edges.

Orthotek Geospatial Solutions | Doral, Florida | Specific Purpose Surveys-18,950.00 LF. Road Topographic Survey - Virginia Garden, Miami, FL | PSM Project Manager

The objective is to meticulously document existing conditions across the specified locations, including site improvements, elevations, structures, sidewalks, and trees with trunk calipers of three inches or greater. Conduct detailed surveys of the designated streets, accurately capturing existing conditions, improvements, utilities, and natural features.

Orthotek Geospatial Solutions | Doral, Florida | Beautification Plan Location Surveys-12,500 LF. Miami Lake Dr. & NW 67 Ave. | PSM Project Manager

The survey targets a detailed examination of approximately 12,500 linear feet covering specified streets and avenues for improvements. Conduct detailed surveys of the designated streets, accurately capturing existing conditions, improvements, utilities, and natural features. Reference the survey to the State Plane Coordinate System (SPC) Florida East using the NAD83-CORS96-Epoch 2010.0000 coordinate system, with measurements in US Survey Feet.

Orthotek Geospatial Solutions | Doral, Florida | Specific Purpose Surveys-18,145.00 LF. Road Topographic Survey, North Miami, FL | PSM Project Manager

Limited topographic route survey for the City of North Miami, focusing on the Arch Creek North/Arch Creek area. The survey aims to document approximately 18,145 linear feet (lf) along various roads. The goal is to capture visible improvements, utilities, and physical objects within and slightly beyond the rights-of-way to aid in design processes.

Orthotek Geospatial Solutions | Doral, Florida | Design CB & Exfiltration Trenches - 7,200 LF. | City of Doral, Doral, Florida | PSM Project Manager

A limited topographic route survey for the City of Doral aims to document approximately 7,200 linear feet (lf) along various roads. The goal is to capture visible improvements, utilities, and physical objects within and slightly beyond the rights-of-way to aid in the design processes of Catch Basins and exfiltration Trenches.

PREVIOUS WORK EXPERIENCE

PBS&J & PBS&J CARIBE | Miami, FL - San Juan, PR | Surveyor II

Surveyed and investigated land surfaces to project precise measurements and location of lines, angles, points, areas, and elevations. Performed project research, boundary calculations, and records accuracy of survey data, notes, and sketches. As a member of PBS&J, I was heavily invested in GIS work for local and Federal agencies and worked on many topographic and boundary surveys.
(July 2006 – August 2025)

PBS&J | Miami, FL | FDOT NAVD 88 Update | Surveyor

Geomatic Technician. For this project, I was responsible for vectorizing PNC (Project Network Control) points for Florida Department for Transportation District Six, combining all NGS Benchmarks and Benchmarks established by PBS&J. In furtherance to the project, I created an NAVD88 database and imported the data into the same. Juan also produced Map Books for control reference. For this project, ESRI product software was used to create the Personal Geodatabase and the Map Books.
(2007-2025)

A Melendez & Associate | Bayamon, PR | Surveyor

Juan's primary responsibility was as the Field Crew Chief of the field personnel. Additional work included drafting and GIS services.
(February 1999 – June 2006)

PBS&J | Miami, FL | National Levee Database Inventory, Locations throughout the USACE Little Rock, Louisville, Portland, Sacramento, St. Louis Districts | Surveyor

Geomatic Technician. Responsible for evaluating horizontal and vertical control to be used in conjunction with collecting geographic information systems (GIS) data. Juan supervised establishing control networks spanning several states within the continental United States, including the USACE Districts for Portland, Oregon, St. Louis, Missouri, Illinois, Indiana, Kentucky, Arkansas, and Washington. I was also responsible for processing all data provided by PBS&J staff and sub-consulting firms to be converted into base maps for the GIS population processing.
(2007)

A Melendez & Associates | Roosevelt Roads Navy Base Survey | San Juan, Puerto Rico | Surveyor

Geomatic Technician. During this project for the Puerto Rico Ports Authority (PRPA), Juan was responsible for establishing horizontal and vertical control and performing boundary and aerial obstruction surveys for the U.S. Navy Base airfield comprising 1,644 acres. As part of the aerial obstruction survey, spot elevations were obtained along the vegetation canopy for the east end of the runway. The primary equipment used for this project was Leica 530 GPS units.
(2005)

A Melendez & Associates | Gaseoducto, Ecoelectrica (Trigon EPC and US Pipeline) | Puerto Rico | Surveyor/Geomatic Technician: The Gasoducto del Sur is a priority project for PREPA in its initiative for fuel diversification in the process of generating electricity. The pipeline will be transporting natural gas associated with the retrofitting of all electric generation plants in Puerto Rico. Working as a Geomatic Technician, this engagement required the staking of two possible routes for a natural gas pipeline. I was responsible for establishing horizontal and vertical control, and centerline staking for the 60-kilometre (37.3 mile) pipeline corridor as part of the design. Centerline staking was performed at 100 metres (328.1 feet) intervals and was established using GPS techniques. Approximate alignment was provided, and changes were made in the field with the technical advice from US Pipeline engineers.
(2005)

CRIM | Caguas, PR | Survey Consultant: Duties included vectorizing segregation maps to be inserted in tax property maps maintained by the Commonwealth of Puerto Rico.
(May 2005 – December 2005)



FEDRA ESPINOZA

LAND SURVEYOR/TECHNICIAN

Fedra Espinoza is a professional Land Surveyor with 18 years of experience in property boundary estimates and land feature measurements for construction projects, mapping, mining, and legal purposes. She is a Geodetic Engineer from the Universidad del Zulia. She has also worked to educate the next generation of surveyors as an Academic Instructor with over 14 years of experience, instructing students in the field of survey.

PREVIOUS WORK EXPERIENCE

Orthotek, Miami, FL | Land Surveyor Technician

Performed routine office and field land surveying and engineering-related work and prepared, coordinated, performed, and processed surveys such as Boundary Surveys, Control Surveys, As-built Surveys, ALTA Surveys, Topography Surveys, and Construction Staking as part of public and private commercial, residential, and industrial development projects. She also managed, guided, trained, and led the survey crew team. Skilled with the use of Optical, Robotic, and GPS surveying instruments with modern technology in various field survey work, conducted preliminary location, construction, property, and topographic surveys. Ability to review maps and survey documents and document accurate field notes, make sketches and calculations; plot profiles and cross sections, and record reduced field notes and calculated slopes. Experience performing drafting using computer-aided drafting software, and prepared drawn sketches and permanent plans, diagrams, and maps for street, water, and sewer improvements using CAD software.
(2020-2025)

Universidad del Zulia, Maracaibo, Venezuela | Geodesic Engineering School Principal

Executed the decisions of the School Council, regarding the coordination of the work and operation of the Departments and Chairs of the School. Exercised the inspection and direction of services and administrative personnel. Collected and distributed, in agreement with the Dean, the amounts assigned to the School in the budget, verified investments and supervised accounting, and reported monthly to the Faculty Council on the economic and administrative progress of the Schools, and prepared and kept an inventory of the assets of the School up to date.
(2017-2019)

RCMEDICIONES, C.A., Maracaibo, Venezuela | Land Surveyor Department Coordinator

As the survey department coordinator, Fedra performed work on multiple highway projects, which include cuts and fills, centerline layouts and bridge work. She used specialized surveying instruments and technical equipment, such as GPS, Total Station, Level, and software. Skilled in creating accurate digital maps of areas for construction projects, such as homes, roads, and landfills. She led a team of survey technicians conducting field surveys, including boundary surveys, topographic surveys, construction staking, and control network establishment. She assisted the Public Works Inspectors during construction inspections, verifying horizontal and vertical locations of improvements.
(2009-2013)

RCMEDICIONES, C.A., Maracaibo, Venezuela | Surveying and Survey CAD Technician

Responsible for creating construction staking point files for complete plats for As-built, Boundary, Title, Tree, and Topographic Surveys; and digital terrain models from traditional ground survey data. Assisted the licensed Professional Land Surveyor and Team of other survey professionals to perform all the necessary routine calibrations on the surveying instruments.
(2006-2009)

YEARS OF EXPERIENCE

Total: 18

With MARLIN: >1

EXPERTISE

Optical, Robotic and GPS
Surveying Instruments
ALTA Surveys
Boundary, Control and As-Built Surveys
Topographic Surveys
Construction Staking
CAD

EDUCATION

Geodetic Engineer,
Universidad del Zulia,
Maracaibo, Venezuela
(1998-2006)



JOSE GASPAR ARTEAGA

SURVEY FIELD TECHNICIAN

Jose is an experienced survey technician with data field collection and analysis of land surfaces. He conducts on-site measurements and records topographical and boundary data. He has skills working with advanced surveying instruments and GPS units. He can develop detailed site plans and drawings using CAD software.

PREVIOUS WORK EXPERIENCE

YEARS OF EXPERIENCE

Total: 36

With MARLIN: <1

EXPERTISE

Surveying Equipment:
Robotic Total Stations,
GPS Systems

Software: AutoCAD, Civil
3D, Microsoft Office Suite

Project Management,
Construction Supervision,
Cost Estimation

Bilingual: English/Spanish

Orthotek- Professional Land Surveying Company | Miami, FL | Survey Technician

Assist licensed surveyors with field data collection and analysis of land surfaces. Conduct on-site measurements and record topographical and boundary data. Operate advanced surveying instruments, including robotic total stations and GPS units. Establish stakes, benchmarks, and reference points for surveys and construction. Develop detailed site plans and drawings using Computer-Aided Design (CAD) software.

(1/2021 – 9/2025)

VIMARCA – Precast Concrete Company | Maracaibo, Venezuela | President

Directed the design, production, and delivery of precast and prestressed concrete components for commercial and residential construction projects. Managed all business operations, from estimating and bidding to manufacturing and logistics. Provided cost-effective, customized concrete solutions based on client designs and specifications. He also supervised the production teams to ensure product quality, efficiency, and on-time delivery.

(12/2002 – 12/2020)

CIMCA – Construction Company | Maracaibo, Venezuela | Civil Resident Engineer & President:

Oversaw civil engineering projects including building construction, roadworks, and infrastructure systems (water, sewage, and waste management). Managed construction schedules, budgets, and on-site personnel to ensure compliance with codes and safety standards. Coordinated between architects, engineers, and contractors to achieve project goals. Led the company's strategic planning and project execution for over three decades.

(5/1989 – 12/2020)

CORASA – Construction Company | Maracaibo, Venezuela | Civil Resident Engineer & President:

Supervised and managed various civil works projects from design to completion. He ensured all of the construction projects and activities met engineering standards, specifications, and client requirements. Directed field operations, monitored project progress, and resolved technical challenges.

(5/1989 – 12/2020)



CHRISTINA FERMIN, AICP

PUBLIC INVOLVEMENT MANAGER

Christina Fermin is an adept urban planner with over 14 years of experience in urban and regional planning. Christina's expertise includes sustainable development, transportation planning, climate change mitigation, adaptation and resilience; government administration, GIS and spatial analysis, policy planning, bicycle/pedestrian planning, and public speaking. She has substantial knowledge of regional planning principles, public practices, and working with the community. Her experience includes working with state, regional, and municipal clients on research and analyses, writing and communication, complete streets, land use, zoning, adaptation planning, sea-level rise, municipal planning, transportation planning, transit planning, public administration, SUN Trails, aerial imagery, placemaking, feasibility studies, walking audits, plan development, and grant writing. She is also on the Executive Committee of the American Planning Association's Sustainable Communities Division.

YEARS OF EXPERIENCE

Total: 14
With MARLIN: 7

EXPERTISE

Sustainability, Bike/Ped, Complete Streets, GIS Mapping, Research & Analysis, Communication & Writing, Grant Coordination

EDUCATION

Master's in Urban & Regional Planning (MURP), Florida Atlantic University, 2013

BA, Political Science & Interdisciplinary Studies, Florida Atlantic University, 2007

CERTIFICATIONS

American Institute of Certified Planner (AICP) No. 30532, 2018

AFFILIATIONS

American Planning Association

RELEVANT EXPERIENCE

Reconnecting Communities | Kimley-Horn & Associates | Broward MPO | Senior Planner:

MARLIN is providing technical support for a review and analysis of five potential underpasses at the Florida East Coast Railway in Fort Lauderdale, including Davie Boulevard, Broward Boulevard, Sistrunk Boulevard / NE 6th Avenue, Andrews Avenue, and Sunrise Boulevard. MARLIN's tasks included data collection of bicycle, pedestrian, and train traffic at each of the intersections. A review of existing plans and studies for planning consistency, development of roadway profiles, Road Safety Audits, in addition to the review and development of preferred alternatives. (2025–Ongoing) Reference: Stewart Robertson, Kimley-Horn Project Manager, (954) 535-5104

US-1 Flagler Village Corridor Study | Kimley-Horn & Associates | FDOT, District 4 | Senior Planner:

Christina assisted Kimely-Horn in facilitating and leading stakeholders which comprised of City of Fort Lauderdale staff, the Broward MPO, and various FDOT Division leads in a Road Safety Audit along US-1 / Federal Highway between Sunrise Boulevard and Broward Boulevard. During the audit Christina highlighted opportunities, challenges, locations where pedestrian and bicycle crashes and injuries were occurring, in addition to potential safety solutions to improve walkability and safety along US-1. (2024) Reference: Stewart Robertson, Kimley-Horn Project Manager, (954) 535-5104

Rio Dixie Highway Streetscape Plan | Martin County CRA | Project Manager:

MARLIN is leading a streetscape plan for Dixie Highway in the community of Rio in Jensen Beach, Florida. Christina is the Project Manager and leading the effort with Dover, Kohl, and Partners to create a conceptual plan for Dixie Highway that includes improved bicycle and pedestrian access and walkability, amenities, lighting, landscaping, and safety improvements to assist with redevelopment efforts of the community. The plan will include a conceptual design with planning level cost estimate for implementation, this includes public and stakeholder outreach, meetings, and presentations. (2025–Ongoing) Reference: Jordan Pastorius, Martin CRA Project Manager, (772) 288-5497

Palmetto Bay Multimodal Transportation Master Plan | Village of Palmetto Bay | Deputy Project Manager:

MARLIN is leading the update of the Village's Transportation Master which includes a literature review, data collection, existing conditions analysis, needs assessment, funding, prioritization, and project list for near-, mid-, and long-term project implementation. The Master Plan will guide infrastructure investments for the Village over the next 20 years for a safer, more connected, and resiliency multimodal transportation network. (2024-Ongoing)

Reference: Dionisio Torres (305) 969-5091

SUN Trail Support | Kimley-Horn & Associates | FDOT, District 4 | SUN Trail Coordinator:

MARLIN provides technical support to the District, including assisting the Office of

CHRISTINA FERMIN, AICP

PUBLIC INVOLVEMENT MANAGER



Modal Development with SUN Trail coordination, programming, planning, funding, and working with local agencies to advance the SUN Trail network in District 4. Christina facilitates monthly coordination meetings with St. Lucie County, St. Lucie TPO, and the City of Fort Pierce, attends the SUN Trail monthly statewide coordination meetings (as needed), and assists the Multimodal Coordinator with tasks related to coordinating contracts, funding, programming, meetings, and organization. Christina has acted as the in-house SUN Trail coordinator during periods of vacancy.

(2021-Ongoing). Reference: Stewart Robertson, Kimley-Horn Project Manager, (954) 535-5104

Low-Stress Multimodal Mobility Transportation Master Plan | Broward County | Project Manager: MARLIN leads a countywide master planning effort for low-stress non-motorized facilities for people of all ages and abilities. The plan includes a literature review, data collection and analysis, needs assessment, feasibility analysis, conceptual design, design guidelines, public and stakeholder involvement and outreach. Christina oversees the whole project and assists with analyzing existing conditions, needs assessment, feasibility analysis, concept design development, design guidelines, and public outreach. Including presentations, workshops, and meetings with stakeholders, committees, and Boards for Broward County and the Broward MPO. This project is a match to the Broward County Safe Streets for All Grant. (2023-Ongoing) Reference: Josette Severyn, MAP Broward Project Manager, 954-357-9510

Annual Modal Inspections | FDOT, District 4 | Project Manager: MARLIN is the sub-consultant to TranSystems for the coordination with various public and non-profit agencies from Broward County to Indian River County to perform the annual Vehicle Inventory and Inspections and Annual Site Visits for all transit vehicles purchased with at least 50% or more federal and/or state funding. Each vehicle undergoes a visual inspection on the exterior and interior to ensure compliance. Agencies identified for an Annual Site Visit undergo a review of their standard operating procedures, maintenance, and documentation. Deficiencies are marked and reported to the agency for correction. Vehicles identified with a safety concern were immediately removed from operation until the safety concern was corrected. Deliverables include the inspection form, photos, and an updated vehicle inventory of each public and non-profit agency possessing a federal and/or state funded vehicle. (2021-Ongoing) Reference: Matt McIntosh, FDOT Project Manager, (407) 875-8916

Office of Modal Development Office Technical Support | FDOT, District 6 | Project Manager: Coordination with District 6 on technical assistance to transit agencies and non-profits with grant-funded vehicles, park-and-ride lots, and miscellaneous tasks for District 6 as it relates to transit compliance and park-and-ride inventory and inspections, including GIS support. Christina will lead the follow-up effort to the Biennial Vehicle Inspections on all agencies with outstanding deficiencies to ensure correction and compliance. (2018-Ongoing) Reference: Ray Freeman, FDOT Project Manager, (305) 470-5255

Target Zero Safety Campaigns | FDOT, District 6 | Project Manager: MARLIN is the sub-consultant to Infinite Source Communications (ISC) and is responsible for outreach, coordination, and materials for the District 6 Traffic Operations safety campaigns. Christina leads a team of Planners and Community Outreach Specialist in conducting door-to-door campaigning and attending targeted events to inform the general public, businesses, residents, and key locations about pedestrian, bicycle, motorcycle safety, including careless or distracted driving in areas which have been identified to have a high prevalence of crashes. Outreach and campaigning include the Alert Today, Alive Tomorrow, Ride Smart, Put it Down, Target Zero, and Drive Safe Campaigns. MARLIN assists with staffing events, door-to-doors, education, identifying locations in reports, event coordination, reports, and newsletters. (2023-Ongoing) Reference: Monica Diaz, ISC Project Manager, (305) 573-0089

Transportation Demand Management Study | Broward MPO | Senior Planner: The Broward MPO contracted with the Downtown Fort Lauderdale Transportation Management Association (TMA) to study Transportation Demand Management (TDM) and transit strategies used to increase the efficiency of existing transportation systems by influencing demand on those systems to help manage congestion. MARLIN is a subconsultant to Kimley-Horn. Christina conducted interviews with TDM stakeholders and peer TMA's within the nation, facilitating and mediating a TDM workgroup and assisted with drafting a report, recommendations, and implementation plan. (2021-2022) Reference: Stewart Robertson, Kimley-Horn Project Manager, (954) 535-5104

Martin MPO SUN Trail Feasibility Study | Martin County MPO | Deputy Project Manager: MARLIN conducted a feasibility study to identify the best pathway to connect the Florida SUN Trail and East Coast Greenway link between Jonathan Dickinson State Park and Sea Branch Preserve State Park. This study will determine the best alternative to complete the Martin County segment of the East Coast Greenway and Florida SUN Trail. The conceptual design included developing six typical sections with Complete Street principles. Outreach efforts included stakeholder interviews, neighborhood workshops, and presentations to several advisory committees. (2021-2023) Reference: Joy Puerta, MPO Project Manager, (772) 320-3015



JORGE PADRON

UTILITY COORDINATOR / PUBLIC INVOLVEMENT SUPPORT

Jorge Padron brings 34 years of serving as the Public Involvement Coordinator in the Planning & Environmental Management Office (PLEMO). Since the beginning of his career, he has always been dedicated and committed to the public, the Florida Department of Transportation, and his PLEMO office. During his years of service, he has been in charge of public engagement for approximately 130 Project Development & Environmental Studies (PD&E) for the PLEMO office. In addition, he has coordinated and participated in many Design and Access Management projects.

RELEVANT EXPERIENCE

N Andrews Ave from Oakland Park Blvd. to Sunrise Blvd. | Broward County, FL | Utility Coordinator: MARLIN was selected to coordinate utilities with multiple agency owners at N. Andrews Ave. from Oakland Park Blvd. to Sunrise Blvd. in Broward County for roadway improvements that included widening to accommodate bike lanes, sidewalk construction and widening, median construction, milling and resurfacing, signing and pavement marking upgrades landscaping, new lighting installation, new mast arm signals, midblock crossing RRFBs and overhead signals, and other roadside improvements. (2024 - Ongoing)
Reference: Mohammad Pervex, PE, (954) 577-4559

City of Port St. Lucie | Port St. Lucie, FL | Utility Coordinator: Professional consulting services and utility coordination for the relocation of the three (3) existing handicap parking spaces, and the addition of at least two (2) additional handicap parking spaces for the increased volume of visitors. (2024 - Ongoing) Reference: David Stonehouse, (772) 204-7104

Miami Lakes K-9 Cove Park Parking Spaces | NW 77 Ct. from just west of NW 82nd Avenue to 800 ft Northeast of NW 82nd Avenue | Town of Miami Lakes, Miami Dade County, FL | Utility Coordinator: Coordinate with utility agency owners for the project that consists of the construction of at least five (5) parallel parking spaces on the north side of NW 77 Ct. in front of the K-9 Cove Park in the Town of Miami Lakes. (2023 - 2024)

Miramar Complete Streets Phase III (LAP) | Miramar | Sr. Public Involvement Officer: This LAP-funded Grant Program project within the City of Miramar includes milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); a Level I Contamination Screening Evaluation (CSE), and Development of Construction Specifications. (2023-Ongoing) Reference: DuSean Grant, Civil Engineer III, (954) 602-3318

N 35th Avenue to N 14 Avenue | City of Hollywood, Broward County, FL | FDOT District 4 | Utility Coordinator: LAP Project utility coordination for the construction of roadway improvements that included new roadway lighting, along Johnson St. from N 35th Avenue to N 14 Avenue, in the City of Hollywood, with installed sharrow bike lane pavement markings. A new pedestrian crossing will be added at the south side of the roadway rail crossing at the SFRTA-Johnson Street crossing. Will connect to the existing sidewalk to the west and the proposed sidewalk being built to the east. (2023) Project Managers: Luis Lopez, Rudy Damas (954) 921-3410

YEARS OF EXPERIENCE

Total: 34
With MARLIN: 3

EXPERTISE

Public Involvement
Utility Coordination
Project Management

EDUCATION

BS, Fine Arts - Graphic
Design, Florida Atlantic
University, 1995

JORGE PADRON

UTILITY COORDINATOR / PUBLIC INVOLVEMENT SUPPORT



Riverside Drive Complete Streets Design | Pompano Beach | Sr. Public Involvement Officer: MARLIN was selected to conduct data collection, analysis, public involvement, conceptual design, and final construction plans to redesign Riverside Drive in Pompano Beach for complete street improvements. Jorge has been assisting the public information officer with community engagement through workshop facilitation, preparation, and public meeting materials. (2022- Ongoing)

Reference: Fernand Thony, (954) 786-7923

NW 146th Street Reconstruction (LAP) | Miami Lakes | Utility Coordinator: The project consists of lane repurposing of NW 146th Street from NW 89th Avenue to NW 87th Avenue. The project is a Local Agency Program (LAP) funded project in collaboration with the Florida Department of Transportation (FDOT) and follows the NEPA process, and requires an environmental assessment. The sidewalk improvements shall be in accordance with the Americans with Disabilities Act (ADA). Jorge's responsibilities include managing and coordinating with utility owners for facilities within project limits. The information is incorporated into the design upon receipt from the utility companies. (2021-Ongoing)

Reference: Hector Soliman-Valdez, (305) 364-6100

Plantation Midtown Bridge Improvement - PD&E Study and Design Services | Plantation | Sr. Public Involvement Officer: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the South Florida Water Management District (SFWMD) New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and I-595 from Plantation's Midtown District. Jorge is assisting with the public involvement portion of this task, which includes developing a Public Involvement Plan, identifying stakeholders, facilitating and moderating stakeholder meetings, organizing outreach, and preparing materials for public meetings and workshops. (2021-Ongoing)

Reference: Samira Shalan, Engineering Director, (954) 797- 2781

SW 81st Street | South Miami | Utility Coordinator: The project consists of drainage Improvements along SW 81st Street just east of SW 62nd Avenue asphalt milling and resurfacing, new drainage consisting of inlets and exfiltration trench, regrading of swales and pavement markings. Jorge's responsibilities included managing and coordinating with utility owners for facilities within project limits. The information is incorporated into the design upon receipt from the utility companies. (2022-Ongoing)

Reference: Aurelio Carmenates, (305) 403-2063

Tradition Parkway Port St. Lucie | Utility Coordinator: The project involves roadway improvements to Tradition Parkway. This project proposes improvements for the westbound right turn lane at Tradition Parkway and Village Parkway, providing a continuous right turn lane from the I-95 off-ramp. Responsibilities included managing and coordinating with utility owners for facilities within project limits. The information is incorporated into the design upon receipt from the utility companies. (2022-Ongoing)

Reference: Daniel Frederick, (772) 237-2691

SR 7/US 441 Transit Corridor Improvements | FDOT District 4 | Fort Lauderdale, Florida | Utility Coordinator: The project consists of 3 segments of roadway improvements along SW 25 St. from SR 7 to SW 62 Ave. in Miramar, SW 33rd. St from SR 7 to 6th. Ave. in Miramar, and SW 72nd. Ave from Pembroke Road to SW 9th Street in Pembroke Pines. Roadway improvements include sidewalks, drainage, bike lanes, ADA improvements at crossings, signing and pavement markings, and a bus shelter. Responsibilities included managing and coordinating with utility owners for facilities within project limits. The information is incorporated into the design upon receipt from the utility companies.

Contract No.: CAE41; FM No. 429576-6-32-01 (2021-Ongoing - 2024 est.)

Reference: Robert Lopes, (954) 777-4425

NE 159th Street | Miami-Dade County | Utility Coordinator: Roadway reconstruction at NE 159th Street, between NE 6th Avenue and Dixie Highway, North Miami Beach, FL. Includes roadway reconstruction with sidewalks, curb and gutter, storm drainage system, pavement markings, signage, traffic signals, and lighting. Responsibilities included managing and coordinating with utility owners for facilities within project limits. The information is incorporated into the design upon receipt from the utility companies. (2022-Ongoing)



BARET HAZELL, MURP

STRATEGIC PLANNER

Baret has extensive expertise in AutoCAD Civil 3D and ArcMap GIS software and has been instrumental in effectively communicating project progress and outcomes through conceptual design. Prior to joining Marlin, Baret worked at the City of Fort Lauderdale's Public Works Department—Engineering Division for 8.5 years. His technical skills allow him to create visual representations that effectively convey complex information to stakeholders. Overall, Baret's experience, technical proficiency, and commitment to excellence make him a valuable member of the MARLIN team.

YEARS OF EXPERIENCE

Total: 10

With MARLIN: 2

EXPERTISE

Urban Planning
Strategic Communications
Statistical Data Analysis
Data Visualization
Site Plan Development -
Geographic Information
System (GIS)
Community Outreach

EDUCATION

Master of Urban and
Regional Planning Degree
Advanced Standing
Program, FAU, Boca
Raton, FL, 2022

Bachelor of Urban and
Regional Planning Degree,
FAU, Boca Raton, FL, 2020

AA /General Bachelor
Transfer Degree, Broward
College, Davie, FL, 2017

Architecture &
Construction, Architectural,
Structural, and Mechanical
Drafting Certificates,
McFatter Technical
College, Davie, FL, 2013

RELEVANT EXPERIENCE

Engineering; Planning Services | The City of Hallandale | Strategic Planner: MARLIN Engineering serves as the Engineering and Planning Services consultant for the City of Hallandale, leading efforts to develop, package, and secure funding for Complete Streets and Localized Initiatives Program (CSLIP) and Surtax applications. These efforts directly support capital programming by identifying and prioritizing infrastructure projects that enhance pedestrian, bicycle, transit, and roadway safety. His experience includes conducting project site inspections, preparing conceptual plans, reviewing engineering drawings, and ensuring compliance with local planning goals. Additionally, Baret coordinates inter-agency collaboration between the City and the Broward MPO, ensuring alignment with regional transportation objectives. Through strategic public engagement and peer-to-peer communication, Baret facilitates community-driven infrastructure enhancements that improve safety, connectivity, and accessibility.

2024 Village of Palmetto Bay Multimodal Transportation Master Plan | Strategic Planner: As part of MARLIN Engineering's Prime Consultant team, Baret serves as a Strategic Planner supporting the development of the Village of Palmetto Bay's Multimodal Transportation Master Plan, a project initiated after a 20-year gap in transportation planning. His role involves technical analysis, inter-agency coordination, conceptual design, and the development of a long-term multimodal strategy to improve connectivity, safety, and sustainability within the Village. This plan is a key component of the municipality's capital programming efforts, ensuring that future infrastructure investments align with regional and local mobility goals. A major focus of this project is community engagement, where he works directly with residents, municipal staff, and county agencies to ensure that proposed improvements reflect real transportation needs and priorities.

US-1 Flagler Village Corridor Study | Kimley Horn/FDOT District 4 | Senior Planner: As a Strategic Planner for MARLIN Engineering, working as a sub-consultant to Kimley-Horn, Baret has provided technical analysis, inter-agency coordination, and multimodal travel assessment for the US-1 Flagler Village Corridor Study. This project focused on evaluating travel behavior, safety conditions, and infrastructure needs along this critical corridor. Participating in a comprehensive walking audit with stakeholders and inter-agency staff, I assessed potential safety enhancements and multimodal improvements, contributing to long-term capital planning strategies for FDOT District 4.

Low-Stress Multimodal Mobility Transportation System Master Plan | Broward County | Strategic Planner: As a Strategic Planner, Baret has contributed to the development of a countywide master plan focused on low-stress, non-motorized transportation facilities in Broward County. This plan supports regional capital programming by prioritizing sustainable, multimodal infrastructure investments that enhance safety, connectivity, and accessibility. His responsibilities included conducting a needs assessment, feasibility analysis, and developing design guidelines to align infrastructure investments with community and regional planning goals. Additionally, he

facilitated public outreach initiatives to ensure that stakeholder perspectives were integrated into project recommendations.

Safety Campaigns | Infinite Source Communications/FDOT District 4 | FDOT District 6 | Strategic Planner: MARLIN manages special projects with FDOT's Office of Modal Development for Districts 4 & 6. Baret supports various safety campaigns, including Be Rail Smart, and Mobility Week, by coordinating events among staff and engaging multiple stakeholders across the district. Responsibilities encompass conducting research, analysis, and data collection to support FDOT initiatives, as well as attending in-person outreach events to inform and educate the public on transportation safety issues. Tangible efforts to protect the community are achieved through effective information dissemination and peer-to-peer communication strategies. Additionally, the role involves managing the contract and assisting the team in the preparation and execution of safety campaigns, ensuring that project goals are met and community safety is enhanced.

Traffic Operations Communications & Special Projects | Infinite Source Communications/FDOT, District 6 | Strategic Planner: MARLIN Engineering supports the planning, coordination, and execution of traffic safety campaigns within FDOT District 6. These campaigns include initiatives such as Alert Today, Alive Tomorrow, Target Zero, Drive Safe, and Put It Down. Baret has responsibilities encompass organizing and coordinating events among staff to ensure effective campaign implementation and managing community engagement through strategic information dissemination and peer-to-peer communication. Baret has actively participated in community events and conducts visits to businesses in data-driven targeted areas, enhancing traffic safety awareness across Miami-Dade and Monroe Counties. Key tasks involve developing outreach strategies, coordinating multi-disciplinary teams, managing stakeholder relationships, and utilizing various communication channels to foster public participation and support for traffic safety initiatives.

2024 Park & Ride Inventory & Inspections | FDOT District 6 | GIS Specialist: MARLIN is the District Consultant for Transit Consultant Services and coordinated with the district, Miami-Dade County, and various other partners on the 2020, 2022, and 2024 Park & Ride inventory and inspection of 48 active and inactive Park & Ride lots throughout Miami-Dade and Monroe Counties. Baret has experience in desktop review including spatial analysis of all facilities, scheduling a daytime and nighttime site visit, and inventorying amenities, parking spaces, utilization, signage, pathways, and available transit, including the notation of any maintenance or safety issues.

Martin MPO Martin County Major Update Transit Development Plan FY 2024 - 2033 | Strategic Planner: As a Strategic Planner with MARLIN Engineering, Baret played a key role in the comprehensive update of Martin County's Transit Development Plan (TDP) for FY 2024 - 2033, in collaboration with sub-consultant Kittleson & Associates. This project was critical in shaping the county's long-term capital programming strategy, ensuring that transit investments aligned with community needs, growth projections, and funding priorities. His experience responsibilities included stakeholder coordination, public engagement, GIS mapping, and transit demand analysis, facilitating data-driven decision-making for transit improvements. By overseeing community outreach initiatives and event coordination.

PREVIOUS WORK EXPERIENCE

City of Fort Lauderdale – Engineering Division | Engineering Technician II: Baret performed a wide variety of functions involved with various infrastructure maintenance programs, including engineered design and typical markups for Neighborhood Community Investment Program (NCIP) Projects in Greater Fort Lauderdale, home to more than two dozen distinct communities. Coordinated and managed nearly a hundred "In-house" NCIP projects and Community Plans. These projects included continued opportunities to widen the range of the CADD department's special project group on renderings and architectural plans. His experience includes producing hundreds of site plans annually to develop complex preliminary and final construction drawings; making time and material estimates; and preparing specification sheets for civil engineering projects. Spearheaded the Survey Department to produce over 500 Digital Terrain Models (DTM) Citywide to facilitate data visualization and design operations. Engaged regularly with project managers to explore potential project variations, analyze data, and construct dynamic decision-making frameworks. Prioritized and managed 2 - 4 "In-house" NCIP projects simultaneously. Also helped the CADD department expand its special project group to include renderings and architectural plans.

City of Fort Lauderdale – Engineering Division | Engineering Technician I: Baret prepared preliminary and final construction drawings utilizing CADD equipment, topographical profiles, and specification sheets to plan and construct engineering projects. Developed technical skillset for inspecting 10 - 25 contract construction work annually to ensure compliance with established site plans design, specifications, and contract agreements. Performed over two hundred calculations in review of design projects in areas of construction, drainage, utilities, and streets; designed segments of complex projects. Utilized CADD and GIS equipment to prepare complex sketches, analyze data, and topographic survey drawings for presentation. Reviewed and responded to over eight hundred inquiries from the public concerning drainage, utilities, and other engineering-related matters, including ordinances and zoning laws.

D SUBCONSULTANT LICENCES



**State of Florida
Department of State**

I certify from the records of this office that CYRIACKS ENVIRONMENTAL CONSULTING SERVICES INC. is a corporation organized under the laws of the State of Florida, filed on July 16, 2003.

The document number of this corporation is P03000078714.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 21, 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 Capitol, this the Twenty-first day of January, 2025


[Signature]
Secretary of State

Tracking Number: 6267974544CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

PROFESSIONAL ENGINEER - CIVIL
STATE OF FLORIDA
JANUARY 2025 - 2026

NAME: WENDY CYRIACKS
FIRM: CYRIACKS ENVIRONMENTAL CONSULTING SERVICES INC.
EXPIRATION DATE: 12/31/2025

2025 - 2026

AWARDED

THIS CERTIFICATE IS AWARDED TO

WENDY CYRIACKS
CYRIACKS ENVIRONMENTAL CONSULTING SERVICES INC.

PROFESSIONAL ENGINEER - CIVIL
STATE OF FLORIDA
JANUARY 2025 - 2026

NAME: WENDY CYRIACKS
FIRM: CYRIACKS ENVIRONMENTAL CONSULTING SERVICES INC.
EXPIRATION DATE: 12/31/2025

State of Florida

**Woman Business
Certification**

Cyriacks Environmental Consulting Services

By certified under the provisions of
1001 and 1001.01, Florida Statutes, for certification:
09/23/2024 09/23/2026

[Signature]
Pablo Allende
Florida Department of Management Services

Office of Supplier Development
6000 Expressway Way, Suite 100
Tallahassee, Florida 32309
850-487-9915
www.dms.flgov/daa/certified

Florida UCP DBE Directory

Number of Vendors Returned: 1
Selection Criteria:
Vendor : CYRIACKS ENVIRONMENTAL CONSULTING SERVICES INC

Vendor Name: [CYRIACKS ENVIRONMENTAL CONSULTING SERVICES INC](#)
DBE: CERTIFIED **MBE:** CERTIFIED **ACDBE Status:** N **SBE:** Y **Avail Statewide:** Y

Business Description: ENVIRONMENTAL CONSULTING SERVICES; MITIGATION SERVICES

Mailing Address: 3001 SW 15TH STREET SUITE B
DEERFIELD BEACH FL 33442

Contact Name: WENDY CYRIACKS **Phone:** (954)571-0290 **Fax:** (954)480-9962
Email: WC@CECOSENVIRONMENTAL.COM **Web Site:**

Certified NAICS
541620 Environmental Consulting Services



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 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 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 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, 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, 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**, *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

- 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.



JELANE M. WALLACE, M.A., RPA

Senior Archaeologist

EDUCATION

M.A., Applied Anthropology,
University of South Florida,
2021

B.A., Archaeology, Boston
University, 2003

YEARS OF PROFESSIONAL EXPERIENCE

21

REGISTRATIONS / CERTIFICATIONS

Register of Professional
Archaeologists (RPA),
No.4972

DEPARTMENT OF TRANSPORTATION EXPERIENCE

ALDOT; FDOT D1, D3, D4, D5,
D6, D7

Ms. Jelane Wallace has two decades of experience in the field of Cultural Resource Management. With an M.A. in Applied Anthropology from the University of South Florida, she is RPA certified and exceeds the qualifications for an Archaeologist required by the Secretary of the Interior. Ms. Wallace has experience overseeing Phase I, II, and III projects. She also has experience with the field, laboratory, and curation aspects of large-scale mitigation projects, as well as working to liaise between various private, governmental, regulatory, and tribal entities. Further, she has experience conducting archival and historic research, collecting and processing GPS data, as well as the processing, mapping, and utilization of GIS databases. She has conducted fieldwork on CRM projects in Alabama, Florida, Georgia, and Louisiana for clients such as the U.S. Army Corps of Engineers, FDOT, ALDOT, FDEP, SFWMD, SWFWMD, FWC, NASA, and various Florida State Parks, among many others private and governmental clients. Ms. Wallace has experience with the specific requirements of transportation projects, including providing cultural resource support through all phases of design and planning studies, evaluating Section 4(f) considerations for NEPA Compliance Studies, demolition and mitigation related HABS/HAER documentations, Jurisdictional Transfers, Local Agency Program (LAP) funded projects, and in-house administrative support for DOT Planning and Environmental Management.

SELECT PROJECT EXPERIENCE

Cultural Resource Assessment Survey State Road (SR) 70 Project Development and Environment (PD&E) Study W. of ST 31 to SE Highlands County Rd., DeSoto County, Florida. *Principal Investigator, Author (2024-2025).* Completed an archaeological and historical survey in advance of proposed roadway widening with the documentation of 2 archaeological sites and 30 historical resources. Served as principal investigator and co-author for report of findings. Client: HNTB for FDOT D1

A Cultural Resource Assessment Survey of the 1.4-mile Extension, Trans-Florida Rail Trail Project Area, Indian River County, Florida. *Principal Investigator, GIS Specialist, Author (2022).* LAP project for survey of rails to trails project on historic railroad section traversing a state park. Responsible for project management, GIS products, and co-authoring the report of findings. Client: G.K. Environmental for FDOT D4

A Cultural Resource Assessment Survey of 22nd Street South From 5th Avenue South to 9th Avenue South, Pinellas County, Florida. *Principal Investigator, GIS Specialist, Author (2021).* LAP project which documented 2 archaeological sites, 2 resource groups, and 15 historic structures. Responsibilities included directing field excavations, collecting GPS data, producing GIS databases and maps, analyzing artifacts and co-authoring the report of findings. Client: CPH Corp. for FDOT D7



A Cultural Resource Assessment Survey NE 2nd Avenue Between NE 103rd and 111th Streets, Miami Shores, Miami-Dade County, Florida. *Field Director, GIS Specialist, Report Author (2020).* LAP project involving documentation and evaluation of 16 historic structures, one historic district, and one linear resource prior to sidewalk construction and roadway improvements. Responsibilities included field survey, structure documentation, GIS support, report co-authorship. Client: TYLIN international for FDOT D6

A Cultural Resource Assessment Survey of the East Central Rail Trail Project Area, Volusia County, Florida. *Field Director, GIS Specialist, Author (2019).* Survey of an historic railroad corridor for a rails to trails LAP project with recordation and evaluation of an historic bridge and linear resource. Responsibilities included project management, GIS product production and report authorship. Client: CPH Corp for FDOT D5

A Cultural Resource Survey of the Overtown Greenway Project, Miami-Dade County, Florida, *Field Director, GIS Specialist, Co-Author (2018-2019).* Survey in advance of LAP funded roadway improvements in an NRHP-listed historic district. Responsibilities included directing fieldwork, conducting background research, resource recordation, project management, and reporting. Client: TYLIN International for FDOT D6

A Cultural Resource Assessment Survey of the Proposed Indian River Boulevard Sidewalk Improvements from 37th Street to 53rd Street, Indian River County, Florida. *Field Director, GIS Specialist, Author (2016).* Phase I survey prior to road improvements. Responsibilities included directing survey, GIS mapping, report authorship. Client: G.K. Environmental & FDOT D4

A Cultural Resource Assessment Survey of the Proposed 43rd Avenue Sidewalk Improvements from Airport Drive West to 41st Street, Indian River County, Florida. *Field Director, GIS Specialist, Author (2015).* Phase I survey documenting 6 historic resources prior to road improvements. Responsibilities included directing survey, GIS mapping, report authorship. Client: G.K. Environmental & FDOT D4

A Cultural Resource Assessment Survey of the Proposed 43rd Avenue Sidewalk Improvements from 26th Street to Airport Drive West, Indian River County, Florida. *Field Director, GIS Specialist, Author (2015).* Phase I survey prior to road improvements. Responsibilities included directing survey, GIS mapping, report authorship. Client: G.K. Environmental & FDOT D4

A Cultural Resource Assessment Survey of the Proposed Old Dixie Highway Improvements Area Between 71st Street and County Road 510, Indian River County, Florida. *Field Director, GIS Specialist, Author (2015).* Documentation of 10 historic structures and 1 linear resource. Responsibilities included directing fieldwork, GIS maps, FMSF forms, report authorship. Client: G.K. Environmental & FDOT D4

A Cultural Resource Assessment Survey of the Proposed Old Dixie Highway Improvements Area Between 71st Street and County Road 510, Indian River County, Florida. *Field Director, GIS Specialist, Author (2014).* Documentation of 10 historic structures and 1 linear resource. Responsibilities included directing fieldwork, GIS maps, FMSF forms, report authorship. Client: G.K. Environmental & FDOT D4

An Archaeological Assessment of the Oslo Boat Ramp Project Area and Archaeological Site 8lr836, Indian River County, Florida. *Field Director, GIS Specialist, Author (2014).* Archaeological testing with unit excavation of a precontact midden site in the road ROW. Responsibilities included directing fieldwork, lab analysis, GIS maps, FMSF Forms, report authorship. Client: G.K. Environmental & FDOT D4



LAURA HENSEL, MSC, RPA

Associate Archaeologist

EDUCATION

MSc, Archaeology, University of Edinburgh, Scotland, 2019

B.A., Behavioral and Social Sciences and Humanities, University of Central Florida, Orlando, Florida, 2018

YEARS OF PROFESSIONAL EXPERIENCE

5

YEARS WITH FIRM

2

REGISTRATIONS / CERTIFICATIONS

SOI Qualified

Register of Professional Archaeologists, #5223

PROFESSIONAL AFFILIATIONS

Florida Anthropological Society

Laura Hensel is a Secretary of the Interior (SOI)-qualified archaeologist with over five years of experience in cultural resources management (CRM). She currently serves as an associate archaeologist in Chronicle Heritage's Tallahassee office, which works throughout the southeast region.

Laura began her career as a volunteer with the Florida Public Archaeology Network (FPAN) and The National Trust for Scotland. She has conducted cultural resource surveys throughout Florida, Georgia, Iowa, Louisiana, and Virginia, and prepared various cultural resource documentation including Section 106 Programmatic Agreement (PA) Minimal Impact Determination Forms, Florida Master Site File (FMSF) forms, and Cultural Resource Assessment Survey (CRAS) reports. She has also managed archaeological monitoring projects.

SELECT RECENT PROJECT EXPERIENCE

McCoy's Creek Archaeological Monitoring, Duval County, FL. *Principal Investigator (2024).* Reporting for archaeological monitoring in support of the McCoy's Creek restoration project. Client: SES Environmental Resource Solutions, LLC

Hubert Martin Road Phase I Cultural Resource Survey, Forsyth County, GA. *Associate Archaeologist (2024).* Reporting for a Cultural Resource Assessment Survey. Project included Phase I archaeological testing and documenting one newly recorded historical resource. Client: Greenhouse Consultants, Inc.

Cultural Resources Literature Review for the RaceTrac Jedburg Road Project, Berkeley County, SC. *Associate Archaeologist (2023).* Reporting for a cultural resource literature review. Client: U.S. Army Corps of Engineers

The Star at Carraway Phase I Cultural Resource Survey, Jefferson County, AL. *Associate Archaeologist (2023).* Reporting for a Cultural Resource Assessment Survey. Project included Phase I archaeological testing and documenting 10 newly recorded historical resources and updating 11 historical resources associated with the NRHP-listed Norwood Historic District. Client: Corporate Realty Development

Hilliard Mounds Phase II Investigation of Sites 80S00015 and 80S01794, Osceola County, FL *Associate Archaeologist (2023).* Report organization and writing for a two-site Phase II investigation project. Client: Pulte Homes

Phase I Cultural Resource Survey for the Proposed Dothan Road and Downrange Substations, and Dothan Road-Downrange 230kV Transmission Line, Decatur County, GA. *Associate Archaeologist (2023).* Reporting for a Cultural Resource Assessment Survey. Project included Phase I



archaeological testing and documenting two isolated finds, 124 newly recorded historical resources, and updating one historical resource. Client: Georgia Power Company

2600 East Gonzalez Street Phase I Cultural Resources Assessment Survey, Escambia County, FL. *Associate Archaeologist (2023).* Reporting for a Cultural Resource Assessment Survey. Project included Phase I archaeological testing and updating one previously recorded archaeological site. Client: City of Pensacola Planning Services

Florida Department of Transportation (FDOT) District Seven Project Development and Environment (PD&E) Consulting Services, FL. *Associate Archaeologist (2023).* Laura provides support services to FDOT's District Seven. She is responsible for reviewing project engineering plans to determine cultural resource coordination needs, reporting, and preparing various types of cultural resource documentation. Clients: AIM Engineering, American Consulting Professionals, and Patel, Green, & Associates

FDOT District Three Cultural Resources District-wide Support Contract, FL. *Associate Archaeologist (2023).* Associate Archaeologist on multi-year districtwide on-call contract to provide cultural resource services to District Three. The district encompasses 16 counties and 11,500 square miles between Escambia and Jefferson Counties, FL. Conduct an average of 25 task orders for CRAS projects annually and approximately 100 project reviews. Laura is responsible for reporting, reviewing engineering plans to determine the appropriate level of effort, and ensuring fieldwork is performed in accordance with the standards our team has established for District Three. Client: FDOT District Three



**State of Florida
Department of State**

I certify from the records of this office that CHEN MOORE AND ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on November 7, 1986.

The document number of this corporation is J41454.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 9, 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 Ninth day of January, 2025


Secretary of State

Tracking Number: 546750093C
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Flings/CertificateOfStatusCertificateAuthentication>

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: CHEN MOORE & ASSOCIATES INC
Owner Name: PETER MOORE
Business Location: 500 NW 62ND ST STE 600
PT. LAUDERDALE
Business Phone: 954-730-0707

Receipt #: 315-650
Business Type: ENGINEER (CORP OFFICE ENGINEERING)
Business Opened: 01/13/1987
State/County/CertReg: Exemption Code:

Rooms: 5 Seats: 1 Employees: 1 Machines: 1 Professionals: 1

Signature	Number of Machines:	For Vending Business Only				Vending Type:	Collection Cost	Total Paid
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid		
35.00	0.00	0.00	0.00	0.00	0.00	35.00		

Receipt #: BROW-24-00308240
Paid 09/24/2025 10.00

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: PETER MOORE
Owner Name: CHEN MOORE AND ASSOCIATES INC
Business Location: 500 W CYPRESS CREEK RD STE 600
FT LAUDERDALE
Business Phone: 954-730-0707

Receipt #: 319-239935
Business Type: LANDSCAPE ARCHITECT
Business Opened: 03/15/2011
State/County/CertReg: Exemption Code:

Rooms: 5 Seats: 1 Employees: 1 Machines: 1 Professionals: 1

Signature	Number of Machines:	For Vending Business Only				Vending Type:	Collection Cost	Total Paid
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid		
35.00	0.00	0.00	0.00	0.00	0.00	35.00		

Receipt #: BROW-24-00308240
Paid 09/24/2025 10.00

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

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KRAWCZYK, GEORGE
34880 SW 31ST COURT
DAVIE FL 33331

LICENSE NUMBER: PE66646
EXPIRATION DATE: FEBRUARY 28, 2027
Always verify license online at MyFloridaLicense.com

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

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

EMANUELS, CHARMAINE CHANTELE
500 W CYPRESS CREEK
SUITE 600
FORT LAUDERDALE FL 33309

LICENSE NUMBER: PE66667
EXPIRATION DATE: FEBRUARY 28, 2027
Always verify license online at MyFloridaLicense.com

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

THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

HARRISON, ERIC DOUGLAS
CHEN MOORE AND ASSOCIATES, INC.
2645 51 PERDU STREET
PORT ST LUCIE FL 34984

LICENSE NUMBER: LA666729
EXPIRATION DATE: NOVEMBER 30, 2027
Always verify license online at MyFloridaLicense.com

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

THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

SALAMON, PETER JAMES
734 MERIDIAN AVENUE
APT 2A
MIAMI BEACH FL 33139

LICENSE NUMBER: LA666754
EXPIRATION DATE: NOVEMBER 30, 2025
Always verify license online at MyFloridaLicense.com

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Florida Department of Transportation
605 Sawannee Street
Tallahassee, FL 32399-0450
JARED W. PERDUE, P.E.
SECRETARY

October 24, 2025

Peter Moore, President/CEO
CHEN MOORE AND ASSOCIATES, INC.
500 W Cypress Creek Road
Suite 600
FL Lauderdale, FL 33309
pmoore@chenmoore.com

Dear Mr. Moore:

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.:

2.0 - Project Development & Environmental (PD&E) Studies

3.1 - Minor Highway Design
3.2 - Major Highway Design

4.1.1 - Miscellaneous Structures
4.1.2 - Minor Bridge Design

5.4 - Bridge Load Rating

7.1 - Signing, Pavement Marking and Channelization
7.2 - Lighting
7.3 - Signalization

13.6 - Land Planning/Engineering

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

1

**CITY OF FORT LAUDERDALE
BUSINESS TAX YEAR 2025-26**

Business Tax Division
700 NW 10TH AVE., FORT LAUDERDALE, FL 33311 | (954) 824-1145

Business ID: BT-SLP-24-100032 Business Name: DANIEL EDUARDO
Business Address: 500 NW 62 ST # 600

DANIEL EDUARDO DANILA
CHEN MOORE AND ASSOCIATES INC
500 NW 62 ST # 600
FORT LAUDERDALE, FL 33309

TAX CATEGORIES
50000 PROFESSIONAL SERVICES SUPERGROUP

Contact:
Business Email: Mikeerly@Chenmoore.com

This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.

If you have closed or moved out of the city, please email business@cityofftlauderdale.com and include the Business ID #.

A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 50% of the Business Tax fee applies, not less than \$1.00, no more than \$25.00.

If you have sold your business, please email a copy of the Bill of Sale to business@cityofftlauderdale.com and include the Business ID #. A transfer of ownership will incur a transfer fee of 50% of the Business Tax fee, not less than \$1.00, no more than \$25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt to no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

700 NW 10TH AVE.
Fort Lauderdale, FL 33311
TEL 954 824-1145
WWW.CITYOFFORTLAUDERDALE.GOV

**CITY OF FORT LAUDERDALE
BUSINESS TAX YEAR 2025-26**

Business Tax Division
700 NW 10TH AVE., FORT LAUDERDALE, FL 33311 | (954) 824-1145

Business ID: BT-SLP-24-100030 Business Name: BREA SAYFAT T
Business Address: 500 NW 62 ST # 600

SAYFAT T BREA
CHEN MOORE AND ASSOCIATES INC
500 NW 62 ST # 600
FORT LAUDERDALE, FL 33309

TAX CATEGORIES
50000 PROFESSIONAL SERVICES SUPERGROUP

Contact:
Business Email: Mikeerly@Chenmoore.com

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Fort Lauderdale, FL 33311
TEL 954 824-1145
WWW.CITYOFFORTLAUDERDALE.GOV

**CITY OF FORT LAUDERDALE
BUSINESS TAX YEAR 2025-26**

Business Tax Division
700 NW 10TH AVE., FORT LAUDERDALE, FL 33311 | (954) 824-1145

Business ID: BT-SLP-24-100031 Business Name: MICHAEL JASON JAMES
Business Address: 500 NW 62 ST # 600

JASON JAMES MCCLAIR
CHEN MOORE AND ASSOCIATES INC
500 NW 62 ST # 600
FORT LAUDERDALE, FL 33309

TAX CATEGORIES
50000 PROFESSIONAL SERVICES SUPERGROUP

Contact:
Business Email: Mikeerly@Chenmoore.com

This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.

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700 NW 10TH AVE.
Fort Lauderdale, FL 33311
TEL 954 824-1145
WWW.CITYOFFORTLAUDERDALE.GOV



GEORGE KRAWCZYK, P.E.

Senior Engineer



cma
chen moore and associates

George is a Senior Engineer for CMA with over 25 years of experience in the private sector as an engineer, a construction project manager, and a public administrative employee. His area of expertise is water resources management and construction administration as he has extensive experience in water treatment, plant permitting, operation, water/wastewater distribution network upgrades, storm water basin permitting, design and construction. George's distinct background includes tenure as a Public Works and Utilities Director while concurrently serving as a Water Control District Administrator for the City of North Lauderdale.

Project Experience:

Phase I: Hollywood North Beach Park Tidal Flood Resiliency - Mitigation. Broward County. CMA is designing a series of structures to harden properties of Broward County Hollywood North Beach Park along the east shoreline of the Intracoastal Waterway with either seawall structures or limestone boulder riprap embankments to mitigate for flooding that presently occurs along these park properties and into the adjacent State Road A1A. Shoreline elevations will be constructed to a level that exceeds the projected 50-year intermediate- high tide elevation as determined by procedures specified in Chapter 62S-7.012 Florida Administrative Code. The Project includes compensation for impacts to natural resources by creating both living shorelines with intertidal zones for mangroves and near shore sea grass mitigation areas.

The Broward County Parks and Recreation Division operates and maintains five pocket park sites, along the west side of State Road A1A and north of Sheridan Street. These sites are situated between State Road A1A and the Intracoastal Waterway and include amenities such as parking, picnic areas, Intracoastal boardwalks, and restrooms. The southernmost Loggerhead Park site also includes a future mooring field facility and associated upland amenities. To mitigate for natural resource impacts that the Project will impose, it is recognized that these pocket park sites may need to be either partially or completely repurposed to provide the required mitigation. The redevelopment designs of the pocket parks will continue to provide recreational opportunities with picnic areas and continuous interconnecting multipurpose pathways that interact with the natural environment.

Culvert Replacement (SW 81st Ave). City of North Lauderdale. CMA is providing the design, permitting and construction engineering inspections for the replacement of a 60-inch drainage culvert with a new 72-inch culvert. The project includes replacing the culverts under 81st Avenue, 4 lane divided roadway, canal bank restoration, structural headwalls and utility relocation.

NE 186th Street. City of North Miami Beach. CMA was selected as one of the consultants to participate in the Proud Neighborhoods Capital Improvement Project for the City of North Miami Beach. To date, CMA has completed four right of way improvements projects within the City. Each of these areas has included roadway and drainage improvements along with additional hardscape and landscape elements. This project included improvements to NE 186th Street between NE 18th Avenue and NE 19th Avenue.

NW 172nd Street. City of North Miami Beach. CMA was the prime consultant for the realignment of NE 172nd Street in the City of North Miami Beach. The project consisted of the realignment of a two lane section to accommodate 90 degree parking stalls. The design included roadway, drainage, street lighting, pavement marking and landscaping elements.

Experience

Years of experience at CMA: 1

Total years of experience: 25

Education

Bachelor of Science, Chemical Engineering, University of Florida, 2000

Registration

Professional Engineer
Florida, 66646, 2007

Professional Affiliations

American Society of
Civil Engineers

American Water Works
Association

Florida Engineering
Society

American Public Works
Association

American Institute of
Chemical Engineers

Kiwanis Club

Certifications

FDOT MOT Stormwater
Management Inspector

Awards

FES Broward Engineer
of the Year 2014

Availability

70%

cma
chen moore and associates

Lift Station E-06. City of Hollywood. Pump Station E-06 is a 70-year-old dry/wet pit master lift station in the City of Hollywood. CMA was hired to evaluate the rehabilitation and/or complete replacement of the pump station. The scope includes hydraulic analysis of the system, complete replacement of the pump station, including a permanent a new permanent generator, force main reconfiguration electrical, instrumentation, and HVAC ventilation system associated with this station. CMA shall be responsible for providing professional services necessary to prepare construction documents and specifications.

CCNIP - Franklin Park. Broward County. The Central County Neighborhood Improvement Project (CCNIP) was the second of three neighborhood infrastructure improvements projects carried out by Broward County in the unincorporated areas. The project included improvements to the drainage, water, sewer, and roadway systems. CMA was selected to be the design engineer for one third of the project sites, including the Franklin Park, Washington Park, St. George West and East neighborhood areas. CMA was also part of a team of engineers that completed the basis of design report (BODR), and served as the project reviewer that made recommendations resulting in substantial savings to the project's budget. The Franklin Park Portion of the project involved the installation of water and sewer improvements (in conjunction with the City of Fort Lauderdale), along with paving and drainage improvements, landscaping and public art.

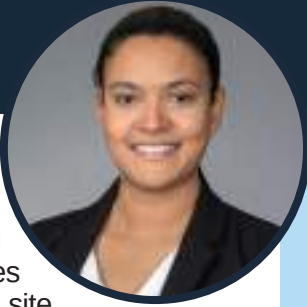
Washington Park. Broward County. The Central County Neighborhood Improvement Project (CCNIP) was the second of three neighborhood infrastructure improvements projects carried out by Broward County in the unincorporated areas. The project included improvements to the drainage, water, sewer, and roadway systems. CMA was selected to be the design engineer for one third of the project sites, including the Franklin Park, Washington Park, St. George West and East neighborhood areas. CMA was also part of a team of engineers that completed the basis of design report (BODR), and served as the project reviewer that made recommendations resulting in substantial savings to the project's budget. The Washington Park Portion of the project involved the installation of water improvements (in conjunction with the City of Fort Lauderdale), along with paving and drainage improvements, landscaping and entry features.

Misc. Support for BCT Capital Program Implementation. Broward County. The primary purpose of this task is to conduct condition assessments of Broward County Transit (BCT) assets consistent with Federal Transit Administration (FTA) guidance and requirements for Transit Asset Management (TAM). The Consultant shall provide planning, management and personnel to conduct in-person, in-field inspections of BCT-owned assets, using methodology consistent with FTA requirements. This effort is intended to assist BCT in meeting FTA TAM and National Transit Database (NTD) requirements, as well as provide supplemental information to BCT's maintenance and inspection activities. The consultant shall develop a condition assessment methodology and inspections forms and checklist consistent with Federal Transit Administration Transit Asset Management requirements. Consultant to research and provide a minimum of 10 TAM reports submitted by other transit agencies to the County's Project Manager.

Broadview Park Neighborhood Improvement Project Basis of Design Report. Broward County. The Broadview Park Neighborhood Improvement Project (BPNIP) was the last of the neighborhood infrastructure improvements projects carried out by Broward County in the unincorporated areas. The project included improvements to the drainage, water, sewer, and roadway systems. CMA was selected as the prime consultant for the Basis of Design Report (BODR) and to design and administer the construction of improvements to subsequent bid packages in Broadview Park. The purpose BPNIP Basis of Design Report was to study, analyze alternatives, provide construction costs and outline the most efficient improvements for the Broadview Park Neighborhood. The Broadview Park NIP area is bounded by State Road 7 (US 441) to the east, Peters Road to the north, Florida's Turnpike to the west and Interstate I-595 to the south. There are approximately 96,000 LF of roadways and the total study area contains approximately 715 acres. The BODR consisted of the analysis of a variety of alternatives for water and sewer service, along with conceptual drainage permitting. The neighborhood had a substandard and aged private water utility that did not provide adequate fire protection. There were almost no sanitary sewers in the area. The area also had several isolated and independent stormwater systems and almost no sidewalks. Generally, the improvements implemented included a water distribution system, a completely new sanitary collection system, renovated stormwater system, new roadways, sidewalks and landscaping. It was completed on time and on budget. CMA was responsible for all hydraulic modeling of the water distribution system with WaterCAD software and the sanitary sewer collection and transmission systems with the SewerCAD software. This modeling effort was used to properly size and configure the proposed utility improvements throughout the neighborhood during the subsequent design contract by CMA.

CHARMAINE EMANUELS, P.E.

Project Engineer



Charmaine is a Project Engineer for CMA's engineering team and has experience working on various aspects of civil engineering design, plan preparation, permitting efforts, and construction oversight while leading segments of the project design. Her experience includes utility coordination; performing modeling and simulation; site grading; pavement analysis; water distribution system; sanitary sewer collection system; lift station design; stormwater management system and drainage analysis; roadway design; maintenance of traffic and phasing; pavement marking; signage; and erosion control. She also prepares meeting agendas, meeting minutes, and estimates of probable cost including quantity takeoffs.

Project Experience:

Phase I: Hollywood North Beach Park Tidal Flood Resiliency - Mitigation. Broward County. CMA is designing a series of structures to harden properties of Broward County Hollywood North Beach Park along the east shoreline of the Intracoastal Waterway with either seawall structures or limestone boulder riprap embankments to mitigate for flooding that presently occurs along these park properties and into the adjacent State Road A1A. Shoreline elevations will be constructed to a level that exceeds the projected 50-year intermediate- high tide elevation as determined by procedures specified in Chapter 62S-7.012 Florida Administrative Code. The Project includes compensation for impacts to natural resources by creating both living shorelines with intertidal zones for mangroves and near shore sea grass mitigation areas.

The Broward County Parks and Recreation Division operates and maintains five pocket park sites, along the west side of State Road A1A and north of Sheridan Street. These sites are situated between State Road A1A and the Intracoastal Waterway and include amenities such as parking, picnic areas, Intracoastal boardwalks, and restrooms. The southernmost Loggerhead Park site also includes a future mooring field facility and associated upland amenities. To mitigate for natural resource impacts that the Project will impose, it is recognized that these pocket park sites may need to be either partially or completely repurposed to provide the required mitigation. The redevelopment designs of the pocket parks will continue to provide recreational opportunities with picnic areas and continuous interconnecting multipurpose pathways that interact with the natural environment.

Design SW 2nd Ave Median Parking. City of Fort Lauderdale. The City hired a contractor in 2019 to build a new parking in the median of SW 2nd Ave, however, the contractor performance was deficient with several areas such as sidewalk, drainage, curbing and parking lot not meeting minimum standards. The City fired the contractor. CMA was hired to assist the City with rebidding of the project, and perform as Owner's representative during construction.

Melrose Manors Neighborhood Stormwater Improvements. City of Fort Lauderdale. Complete stormwater improvements for a 640-acre residential neighborhood. The project includes the design of the drainage system, including control structures, outfalls, regrading of the road, swales and treatment areas. The project entails over 60,000 LF of pipe of up to 72 inches in diameter, two stormwater pump stations and force mains that cross Broward Boulevard via Horizontal Directional Drilling. The project outfall is on the North Folk of the New River Canal. The project also requires obtaining easement to install infrastructure within private property and permitting to work within FDOT and Broward County right-of-way.

Experience

Years of experience at CMA: 8

Total years of experience: 8

Education

Bachelor of Science, Civil Engineering, Florida International University, 2019

Registration

Professional Engineer, Florida, 96867, 2023

Professional Affiliations

American Society of Civil Engineers Florida Engineering Society

Availability

60%

Easterlin Park Flooding Mitigation Study with BC Parks & Recreation Division. Broward County. CMA reviewed existing hydrologic and hydraulic modeling results from the Countywide MIKE model to determine the extent of flooding in Easterlin Park from the C-13 Canal under a suite of scenarios including 10-year and 25-year design storm rainfall events and 2060 and 2100 sea level rise events. Once the extent of flooding along the Broward County Lateral A and Lateral B Canals is determined, the CMA Team prepared several mitigation scenarios to evaluate the potential benefits of shoreline enhancements, earthen berms, and grading enhancements. The results of this evaluation was presented to Broward County Staff for use in future project development.

City of Coral Springs Stormwater Master Plan (ICPR4). City of Coral Springs. CMA is conducting a Citywide Stormwater Master Plan for the City of Coral Springs to identify areas of concern related to stormwater flooding throughout the City limits and to identify and prioritize future capital improvement projects related to stormwater infrastructure. CMA will compile, review, and evaluate all available information on the City's existing stormwater infrastructure. Based on information collected, CMA will prepare a stormwater model for the purpose of evaluating the level of service provided by City's existing stormwater infrastructure. The stormwater model will also be used to assess various alternatives for drainage improvements required to meet the level of service criteria for various storm events. The stormwater model will be used to run rainfall scenarios for the comparison of existing conditions versus future build out conditions from both a water quantity (runoff) and water quality (storage) perspective. Based on the result of the stormwater model, CMA will prepare the stormwater master plan, which will define the analysis of the existing stormwater infrastructure, identify and prioritize "problem areas" within the City limits, and recommend any improvements to the existing stormwater system.

City of Dania Beach Stormwater Master Plan (ICPR4). City of Dania Beach. The City of Dania Beach selected CMA to prepare a Citywide Stormwater Master Plan (SWMP). Under this project, CMA will compile, review, and evaluate all available information on the City's existing stormwater infrastructure. Based on information collected, CMA will prepare a stormwater model for the purpose of evaluating the level of service provided by City's existing stormwater infrastructure. The stormwater model will also be used to assess various alternatives for stormwater improvements required to meet the level of service criteria under various storm events. The stormwater model will be used to compare the system performance under existing development conditions and future build out development conditions within the City. Based on the results of the stormwater model, CMA will prepare the SWMP, which will define the analysis of the existing stormwater infrastructure, identify and prioritize "problem areas" within the City limits, and recommend any improvements to the existing stormwater system.

Canal Structures S-27 Improvements (Design & Construction Management Services). Broward County. Design, Permitting and Construction of the Canal Structure S 27 Improvements and includes five tasks, with task no. 5 being optional. The original design, permitting and construction were issued under a Grant from FDEP.

UAZ 110/111 & 113 Water Sewer Improvements 113A. Broward County. The UAZ 113A project includes the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 207 acres and included the installation of 22,000 linear feet of gravity sewer, 5,800 linear feet of force main, and 29,800 linear feet of water main. The total project included 57,600 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including West Oakland Park Boulevard and US-441. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2" - 18" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8" - 12" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe ranging from 6" - 16" diameter size. County lift station 50N was rehabilitated as part of this project. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is currently under construction and CMA is performing construction administration services.

ERIC HARRISON, PLA

Principal Landscape Architect/Director of Landscape Architecture



Eric is the Director of Landscape Architecture for CMA's LA team. He is proficient in Florida's plant palette, local environmental conditions, and site-specific microclimates used to prepare aesthetic and functioning landscape designs. Eric is well versed in the use of low-impact development techniques specifically applied to site planning, and has extensive experience with parks and recreation facilities throughout Florida for public and private sector clients, providing design, permitting, and construction observation services for many types of improvements, including urban landscapes; public spaces; corporate campuses; industrial and educational facilities; athletic fields; pedestrian, bicycle, and equestrian trails; site amenities; playgrounds; boating and aquatic facilities; themed wayfinding; amphitheaters; landscape; hardscape; and irrigation. Additionally, he has acted as an extension of municipal staff in several South Florida Municipalities, reviewing permit plans, performing inspections, and rewriting local ordinances.

Project Experience:

Sunset Park Master Plan. City of Hollywood. Sunset Park located in the heart of the City of Hollywood. The project site is a former golf course property situated on approximately 45 acres near I-95 at 2727 Johnson Street, Hollywood, FL 33020. The City of Hollywood acquired this property through a voter approved General Obligation Bond, which is exclusively for a publicly accessible nature preserve, wetlands and stormwater management area to assist the City in resiliency and water retention. CMA provided professional services to the City of Hollywood Parks, Recreation, and Cultural Affairs (PRCA) to analyze existing site conditions; develop Preliminary Master Plans, provide an Opinion of Probable Cost, and provide a preliminary funding strategy for the execution of the future project. The master plan was approved unanimously on March 20, 2024.

The Galt Ocean Mile - Streetscape Concepts. City of Fort Lauderdale. The purpose of this project was to develop a conceptual design and opinion of probable cost to upgrade and beautify the Galt Ocean Mile corridor, emphasizing traffic calming and bicyclist and pedestrian improvements. The scope was based on public engagement and concepts performed and developed by the City of Fort Lauderdale. The proposed upgrades included milling and resurfacing of roadway; re-striping; bike lanes; sidewalk widening; relocation of existing trees; replacement/addition of landscape material; new streetlight fixtures; decorative paver hardscape incorporated into sidewalks, unloading areas, & crosswalks; raised crosswalks and/or raised intersections; and landscape lighting.

NW 15th Avenue Streetscape. City of Fort Lauderdale. CMA provided professional services to enhance the performance and aesthetic condition of NW 15th Avenue. The scope of work is primarily identified as developing and implementing a Complete Streets approach to the corridor to enhance safety and aesthetics for the community. Specific instruments that were included are traffic calming, a shared use path, sidewalk improvements, bringing the corridor up to current Americans with Disabilities Act (ADA) standards, crosswalks, pedestrian lighting, landscape islands, landscape enhancements, and street furnishings.

Old Pompano Area Improvements. City of Pompano Beach. CMA provided planning and design services for infrastructure improvements within the public right-of-way areas within the project limits for the Old Pompano Area for the City of Pompano Beach. The proposed infrastructure improvements were consistent with the Dixie East Transit Oriented Development Plan and the Downtown Pompano Transit Plan adopted by the City, along with recently constructed infrastructure improvements within the Old Pompano Area. The proposed

Experience

Years of experience at CMA: 12

Total years of experience: 22

Education

Bachelor Landscape Architecture, University of Florida, 2002

Associate of Arts, Palm Beach Community College, 1996

Registrations

Registered Landscape Architect, Florida, LA6667129, 2012

Professional Affiliations

American Society of Landscape Architects

International Society of Arboriculture

Availability

30%

infrastructure improvements within Phase 2 in the Old Pompano Area includes roadway, streetscape, landscape, irrigation, lighting, and utility infrastructure improvements. Each public roadway in the Phase 2 of the Old Pompano Area received improvements to the existing roadways, pedestrian sidewalks, stormwater drainage, pavement markings, signage, landscaping, irrigation, and lighting along with various utility improvements to the water, sewer, and reclaimed water systems. The City received funding in the amount of \$4.3 million via the Section 108 loan guarantee component of the Community Development Block Grant (CDBG) Program.

Casselton Drive Improvements. Geosyntec Consultants Inc. CMA was a subconsultant to Geosyntec providing landscape and irrigation design services for the Casselton Drive Streetscape Improvement project located in Casselberry, FL. The Casselton Drive streetscape had Low Impact Design Components, like bio-swales, that functioned with the proposed landscape. This project consisted of sustainable Florida Friendly plantings that required little irrigation once established.

Downtown Coral Springs Streetscaping. City of Coral Springs. CMA was contracted by the City of Coral Springs to assist the Coral Springs CRA in the planning, design, permitting, and construction support of various streetscaping improvements in Downtown Coral Springs. As the prime consultants, CMA provided civil engineering, landscape architecture, environmental permitting, and construction engineering and inspection services for the project. The project included implementing Complete Street concepts for NW 31st Court, NW 94th Avenue, and NW 32nd Street. Additionally, CMA implemented the culverting of the canal along NW 31st court to provide space for a linear park, called the "Art Walk", which is an important pedestrian connection between the downtown pathways project and The Walk development. Finally, the project included the implementation of turn lanes along Sample Road, median improvements in Sample Road, and minor improvements to adjacent alleyways and pedestrian pathways.

Overall, the project improved the walkable nature of Downtown Coral Springs, while tying together various aesthetic elements in advance of the City Hall project sited adjacent to the projects. **CMA was awarded a Florida Chapter of American Society of Landscape Architect's Merit Award** for The Coral Springs Art Walk which is a flexible venue developed over an existing Sunshine Water Drainage Control District canal. It is reclaimed public space, which anchors the City's new Municipal Complex. The Art Walk hosts the City's Green Market, special events, and has rotating public art displays throughout the year.

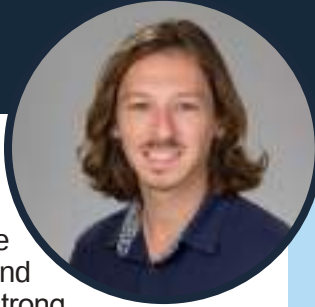
Phase I: Hollywood North Beach Park Tidal Flood Resiliency - Mitigation. Broward County. CMA is designing a series of structures to harden properties of Broward County Hollywood North Beach Park along the east shoreline of the Intracoastal Waterway with either seawall structures or limestone boulder riprap embankments to mitigate for flooding that presently occurs along these park properties and into the adjacent State Road A1A. Shoreline elevations will be constructed to a level that exceeds the projected fifty-year intermediate- high tide elevation as determined by procedures specified in Chapter 62S-7.012 Florida Administrative Code. The Project includes compensation for impacts to natural resources by creating both living shorelines with intertidal zones for mangroves and near shore sea grass mitigation areas.

The Broward County Parks and Recreation Division operates and maintains five pocket park sites, along the west side of State Road A1A and north of Sheridan Street. These sites are situated between State Road A1A and the Intracoastal Waterway and include amenities such as parking, picnic areas, Intracoastal boardwalks, and restrooms. The southernmost Loggerhead Park site also includes a future mooring field facility and associated upland amenities. To mitigate for natural resource impacts that the Project will impose, it is recognized that these pocket park sites may need to be either partially or completely repurposed to provide the required mitigation. The redevelopment designs of the pocket parks will continue to provide recreational opportunities with picnic areas and continuous interconnecting multipurpose pathways that interact with the natural environment.

Dr. Carter G. Woodson Park and Community Garden. City of Oakland Park. Dr. Carter G. Woodson Park, located at 3490 NE 3rd Avenue, Oakland Park, FL is approximately 1.41 acres. The CMA team was selected to revitalize the park by through a series of new and replacement amenities. The proposed improvements include a new community garden, playground equipment and PIP surfacing replacement, new basketball court, site lighting and a new surface parking lot, as well as on-street parking. CMA acted the civil engineers and landscape architects for this project, supported by sub-consultants for geotechnical exploration and structural engineering.

PETER SALAMON, PLA

Associate Landscape Architect



Associate Landscape Architect for CMA's Landscape Architecture team. He is a licensed Landscape Architect with a diverse background in high-end residential, hospitality, and public realm design. With nearly a decade of experience across South Florida, the Caribbean, and beyond, he brings a refined design sensibility and a strong foundation in both conceptual and technical aspects of landscape architecture. Prior to joining CMA, he served as a Principal Landscape Architect where he led full-service design efforts from client engagement through construction, focusing on luxury residential, hotel, and streetscape projects. His previous roles at other firms allowed him to contribute to and manage a wide range of projects, from intricate resort landscapes to urban infrastructure, parks, and school campuses. He began his career contributing to major planning and landscape efforts for golf courses and high-rise developments. His experience across private and public sectors, paired with his strong project management skills and interdisciplinary approach, make him a valuable asset to the CMA landscape architecture team.

Previous Experience:

Consulting Services Pedestrian Routes Assessments for Port Everglades. Broward County Seaport. CMA is providing Professional Engineering Services to provide assessment and planning services to address the deficiencies related to the pedestrian routes accessibility, ADA compliance and general wayfinding throughout the Port. It has been noted that cruise passengers are often walking on roadways and crossing streets where no crosswalks exist. Additionally, ADA ramps and general accessways require close examination to ensure compliance with established regulatory and safety requirements. CMA is reviewing available county data and/or survey related to existing sidewalks, crosswalks, ADA ramps, wayfinding devices, etc., perform required site visits for assessments, and develop conceptual plans to address pedestrian routes, ADA compliant ramps/pathways and associated wayfinding signage.

6840 Indian Creek Dr. Parking Improvements. City of Miami Beach. CMA is providing civil engineering services for the reconstruction of the southern parking lot with associated drainage and replacement of the electrical ATV charging stations. The project limits include the parking lot, driveway and directly adjacent landscape strips and path connections to the police station.

SR 869 (Sawgrass Expressway) Conceptual Planning. Florida Turnpike Enterprise. SR 869 (Sawgrass Expressway) Conceptual Planning from SR 93 (MP 0.00) to SR 91 (MP 21.25)

N Meridian Avenue Multi-Use Path. City of Miami Beach. The City of Miami Beach wishes to design and construct a new 10' concrete shared use path, in the standard City of Miami Beach Red color, along the eastern boundary of the Miami Beach Golf Club along N Meridian Avenue, from W 28th Street to Dade Boulevard. The path shall include a 2' sodded buffer strip on either side of the path. This path shall be designed to connect to bike lanes at Prairie Avenue, associated with a traffic roundabout that is currently in design by another consultant. The design shall include trash cans, lighting, "No Parking" signs (and other signs, as applicable), irrigation and pet waste stations. The path alignment will require existing tree trimming, relocation and potentially removals. It is understood that relocation shall be prioritized. This project also includes a topographic survey update, tree survey, arborist report, environmental engineering (soil borings/analysis, contaminated soil management plan and control/maintenance plan),

Experience

Years of experience at CMA: <1

Total years of experience: 10

Education

Master of Urban Design, Urban Design, Savannah College of Art and Design, 2015

Bachelor of Science, Landscape Architecture, The Ohio State University, 2012

Registration

Registered Landscape Architect
Florida, LA6667574, 2021

Awards

Dean's Award, Savannah College of Art and Design (2015), Urban Design Thesis "Dredge Neutral: Savannah GA"

Availability

60%

landscape architecture and civil engineering services as required to design the project. Government permitting, bidding and award support services and construction administration services are also included.

9600 W. Bay Harbor Dr. Kayak Park. Town of Bay Harbor Islands. The project consists of design and permitting for a new kayak park at 9600 W. Bay Harbor Drive. Includes examination of a vehicular drop off; hedge with lockable gate; driveway replacement; concrete walkway; kayak storage units; shade sail structure; wash off area; hose connection for kayaks; floating dock; removal and replacement of existing landscaping; improvement of landscaping at southern boundary and new sod throughout.

Badia Senior Center. City of Miami. CMA will provide civil engineering and landscape architecture services for the proposed improvements to the existing Armando Badia Senior Center located at 25 Tamiami Boulevard Miami, FL, a 0.94 acre property. The property currently contains multiple buildings and a senior center building and accessory buildings along the north and east, with existing parking lot and basketball court areas. The improvements, to be designed, permitted, and constructed in a single phase, consists of a new kitchen building, new exterior courtyard, new one-story classroom building, existing building renovations, parking lot curbing and surfacing, and new internal roadway connecting Tamiami Boulevard to SW 3rd Street. The project also includes adjacent right of way improvements to meet typical City of Miami cross sections and drainage ordinances and new water main extensions for WASD to provide adequate water service and fire protection.

Gulliver MCK Campus - Baseball Complex. Zyscovich Architects. CMA is providing landscape architecture services for the new baseball complex at the Gulliver Marian C. Krutulis (MCK) PK-8 Campus. The project includes a new turf baseball field and synthetic turf practice field to the east as well as a redesign parking lot. The project also includes redevelopment of the dugouts, concessions and restrooms, and a baseball locker room. This baseball complex redevelopment is one of three projects that CMA has designed on this MCK campus. CMA previously conducted landscape architecture services of the central courtyard and auditorium building as well as the south athletic field.

Experience prior to joining CMA:

Ponce Circle Park. City of Coral Gables. Assembled the winning RFQ team and bid to design this unique public space at the center of an elliptical traffic circle. Safety concerns such as speed, roadway elevation, and signage were crucial in achieving a safe boundary with which to enter the park. The park itself was designed to be the jewel at the heart of Coral Gables, unifying a new mixed-use development with the rest of the historic downtown.

Belmont, Cramerton. Brevard, NC. As planning consultants, we recognized that Main Street was a common thread upon which these towns were built. We worked alongside these small rural municipalities to forge an identity for their future, rooted in historic preservation to help grow the tourism sector, with infill development as a secondary strategy for instilling new industries and housing typologies. We developed urban planning code documents and standards for these nearby cities in North Carolina.

The 1 Hotel Beach Club. City of Miami Beach. We were tasked with reimagining the beach club behind the 1 Hotel, a site that already contained many existing trees and palms. Our team did a thorough evaluation of their health, size, and type, relevant to their preservation and relocation in the final layout. The overall aesthetic was to mimic a Tulum resort experience, while being sensitive to native plants, flora and fauna, such as lighting for sea turtles.

South Beach Citizen M Hotel. City of Miami Beach. Designer for the streetscape and two separate levels of roof deck. The streetscape plans required concurrent permitting processes with the City of Miami Beach and Florida Department of Transportation (FDOT,) as the location was an FDOT roadway. We also worked closely with the hotel's internal design team to ensure their branding meshed with the local spirit and feel of South Beach architecture.

WOW Center. City of Miami. The WOW Center is an adult day training facility for developmentally disabled individuals. A grassroots initiative brought them a new building, parking lot, and landscape, to be completed in 2025. We developed permit ready landscape plans with the architecture team as well as members of the WOW community. We created spaces that enhance the day-to-day programs, as well as more passive space for relaxation. Another factor in the project was working around the adjacent Natural Forest Community (NFC).



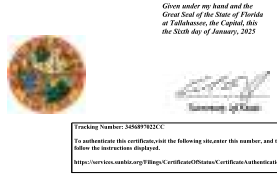
State of Florida Department of State

I certify from the records of this office that GEOSOL, INC. is a corporation organized under the laws of the State of Florida, filed on April 7, 2000.

The document number of this corporation is P0000035530.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 6, 2025, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.



dbpr Department of Business Professional Regulation

HOME CONTACT US MY ACCOUNT

1:17:00 PM 7/15/2024

ONLINE SERVICES

Apply for a License
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Find Exam Information
Unclaimed Activity Search
ABST Delinquent Invoice & Activity List Search

LICENSEE DETAILS

Licensee Information

Name: GEOSOL, INC. (primary name)
Main Address: 5795-A NW 151ST STREET
MIAMI LAKES, Florida 33014
County: DADE
License Location: 5975-A NW 151ST STREET
MIAMI LAKES, FL 33014
County: DADE

License Information

License Type: Engineering Business Registry
Registry Rank: 8920
Status: Current
License Date: 05/05/2000
Expires:



FDOT Florida Department of Transportation

2025 Governor JARED W. KIRK, R-FL SECRETARY JARED W. KIRK, R-FL

June 13, 2025

Oracio Riccobono, President
GEOSOL, INC.
5795-A NW 151st St
Miami Lakes, FL 33014

Dear Mr. Riccobono:

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 4-7.5, F.A.C.

9.1 - Soil Exploration
9.2 - Geotechnical Classification Lab Testing
9.4.1 - Standard Foundation Studies
9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies

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	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Published Fee Schedule
127-41%	0.542%	Reimbursed	1.46%	Yes

Per Title 23, U.S. Code 132, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

1

February 27, 2024

Oracio Riccobono
GEOSOL, INC.
5795-A NW 151ST ST
MIAMI LAKES, FL 33014

Approval Date: October 31, 2021 Small Business Enterprise - Architectural & Engineering (SBE-A&E)
Expiration Date: October 31, 2026

Dear Oracio Riccobono:

Miami-Dade County Office of Small Business Development (SBD), has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise. The Small Business Enterprise (SBE) program is governed by Sections 243.11.1 to 243.11.1.2, 243.11.2, 243.11.2.1 to 243.11.2.2 of Miami-Dade County's Codes. This Small Business Enterprise - Architectural & Engineering (SBE-A&E) certification is valid for three (3) years. However, to maintain continuing eligibility, SBE may conduct random audits within the three (3) year certification period. Failure to provide required documentation for a random audit will initiate the decertification process.

At the time of expiration, your firm will submit a Re-certification Application at least one hundred and eighty (180) days, but not less than, ninety (90) days, prior to the end of the three (3) year certification term via the County's web-based system, Business Management Workforce System (BMWS). This will ensure sufficient time for process by SBD. Failure to provide the re-certification application and required supporting documentation will initiate the decertification process.

If at any time there is a material or business structure change to the firm including, but not limited to, ownership, officers, directors, scope of work being performed, daily operations, affiliations with other businesses or the physical location of the firm, you must notify this office within thirty (30) calendar days of the effective date of the change(s) via the BMWS. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. Failure to notify SBD of any change may result in immediate action to decertify the firm.

This time will be the only approval notification issued for the duration of your firm's three-year certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the rules. Your firm's name and the level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: <https://sbd.miamidade.gov/divisions/businessmanagement/>. The categories as listed below afford you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a bidder with Miami-Dade County. To register, you may visit: <https://www.miamidade.gov/bid/contractors/bidderregistration.aspx>. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at dbpr@miamidade.gov.

Sincerely,
Karinne Cummings-Liberman
Section Chief, Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

**Miami-Dade County
Internal Services Department
Statement of Technical Certification Categories**

Firm: GEOSOL INC
5795-A NW 151st Street, A, Miami Lakes, FL 33014

Code	Category Description	Approval Date	Expiration Date
9.01	SOILS FOUNDATIONS AND MATERIALS TESTING - DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES	05/07/2025	05/31/2027
9.02	SOILS FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES	05/07/2025	05/31/2027

Approved By:
Technical Certification Committee
Miami-Dade County



South Florida Water Management District (District)

September 13, 2024

REGISTERED VENDOR NO.: 103741

Oracio Riccobono, President
GEOSOL, INC.
5795-A NW 151st St
Miami Lakes, FL 33014

CERTIFICATION EFFECTIVE DATE: October 18, 2024
CERTIFICATION EXPIRATION DATE: October 18, 2027

Dear Mr. Riccobono:

Congratulations, the South Florida Water Management District (District) has certified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may only be applied when business is conducted in the following areas:

Professional and Geotechnical Engineering; Soils, Foundations and Materials Testing; Drilling and Subsurface Investigations; Seismic Services; Feasibility Studies; Inspection and Certification Services; Environmental Consulting Services

Your submission of bids or proposals to supply other products or services outside of the quarterly award(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Services, for additional information.

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, address, company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times.

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

Jennifer Dollar
SBE Program Specialist
Procurement Bureau
JDDV

5705, 226 PM

Pre-Qualification Certificate - Issuing Vendor Self-Service Portal

**Miami-Dade County
Internal Services Department
Architectural/Engineering (A/E)
Pre-Qualification Certificate**

This certificate is hereby issued to: **GEOSOL INC**
5795 NW 151ST ST SUITE A, Miami Lakes, FL 33014-0000

Approval Date: 06/07/2025
Expiration Date: 05/31/2028

The above named applicant is pre-qualified to provide professional A/E services for Miami-Dade County for the period indicated above. The applicant has committed to firm to comply with the specific conditions listed below:

1. Pre-Qualification to offer professional services only in the Miami-Dade County technical categories shown in the "Statement of Technical Qualifications." All technical category restrictions must be strictly adhered to.
2. Pre-Qualification Certification (PQC) constitutes the technical verification, alternative action plan, and vendor registration into our streamlined certification process resulting in the issuance of a Pre-Qualification Certificate.
3. Report any significant changes such as contact person, qualifications, ownership, firm address, etc., to the SBE-Service Portal at www.miamidade.gov/bid/contractors/bidderregistration.aspx within 30 days of such a change. Failure to report and changes to the County may result in the immediate suspension or termination of your firm's Pre-Qualification Certification.
4. Failure to answer your firm's PQC at least every 180 days prior to your firm's current expiration date may result in the suspension and/or termination from County programs and current or future contracts until your firm's Pre-Qualification Certification has been properly renewed and approved in the certification of any of the required PQC areas (vendor registration, alternative action plan, or technical certification) will result in a lapse in your PQC. Firms are responsible for observing and adhering to all submission standards.
5. Any renewal applications and/or supporting documents submitted after the application deadline may delay the review of your firm's PQC certification to the next available Technical Certification Committee meeting. The PQC application, submission deadline, and the Technical Certification Committee meeting details can be found on Procurement Management web site located at <http://www.miamidade.gov/interimbusinessmanagement.aspx>
6. Permit Miami-Dade County representatives to have access during normal business hours to audit books and records to verify information submitted with this application. This right of access shall commence on the approval date of this certificate and shall terminate on its expiration date.

Please note that if at any time Miami-Dade County has reason to believe that any person or firm has willfully and knowingly provided incorrect information or made false statements, the County may refer the matter to the State Attorney's Office and/or other investigative agencies, initiate delinquent proceedings, and/or pursue sanctions or other legal remedies in accordance with Miami-Dade County policy and/or applicable federal, state and/or local laws.

Approved By:
Technical Certification Committee
Miami-Dade County

Vendor Focus Report

Florida UCP DBE Directory

Number of Vendors Returned: 1
Selection Criteria:
Vendor: GEOSOL INC

Vendor Name:	SBE CERTIFIED	ACDBE Status:	SBE Y	Avail Statewide:	Y
Business Description:	ENGINEERING SERVICES				
Mailing Address:	5795-A NW 151ST STREET MIAMI LAKES, FL 33014				
Contact Name:	ORACIO RICCOBONO	Phone:	(305)624-1367	Fax:	(305)624-4235
Email:	GEOSOL@SABELL.SOUTHWEST	Web Site:			
Certified NAACP:	541380	Engineering Services			
541380	Testing Laboratories and Services				

Ron Dedrick, Governor
Molise S. Griffin, Secretary

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

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

RICCOBONO, ORACIO
2465 PONCINIA DRIVE
WESTON, FL 33327

LICENSE NUMBER: PE49294
EXPIRATION DATE: FEBRUARY 28, 2027
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Molise S. Griffin, Secretary

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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS**

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ISMAIL, ADNAN A.
9405 SW 4TH STREET, APT 213
MIAMI, FL 33174

LICENSE NUMBER: PE76014
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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS**

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GONZALEZ, JUAN C
15648 SW 53RD STREET
MIAMI, FL 33027

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ORACIO RICCOBONO, P.E. (FL, TX)
Chief Geotechnical Engineer
5795-A NW 151st St. Miami Lakes, FL
Phone: 305. 828.4367; Fax: 305. 828.4235

PROFESSIONAL REGISTRATION:

Florida P.E. No.: 49324

Availability: 70%

EDUCATION:

1999 to 2000: Master in Business Administration, Florida International University

1985 to 1987: Master of Science in Civil Engineering, Geotechnical Specialty, Louisiana State Univ.

1982 to 1985: Bachelor of Science in Civil Engineering, Louisiana State University

RECENT EXPERIENCE:

Mr. Riccobono has over **38 years of experience** in geotechnical engineering for numerous transportation projects including roadways, highways, railroads, marine, underground, and airport facilities and **24 years of un-paralleled managing experience on similar contracts for various public sector projects.** Experience includes interpretation of subsurface conditions, planning and execution of laboratory testing programs, geotechnical analysis and design of foundation elements of structures, management of geotechnical projects and preparation of numerous geotechnical reports providing conclusions and recommendations for the below projects.

EMPLOYMENT HISTORY

- Jan. 1986 to Dec. 1987, Research Engineer Assistant, Louisiana Transportation Research Center
- Jan. 1988 to Mar. 1989, Staff Geotechnical Engineer, Converse Consultant East, Caldwell NJ
- Mar. 1989 to Aug. 1993, Project Geotech. Engineer, Parsons Brinckerhoff Quade & Douglas, NY
- Aug. 1993 to Jan. 1994, Project Geotechnical Engineer, Law Engineering, Inc., Miami, FL
- Jan. 1994 to Jan. 1996, Geotechnical Engineer, Florida Testing & Engineering, Ft. Lauderdale, FL
- Jan. 1996 to Feb. 1998, Project to Senior Geotechnical Engineer, PSI, Inc., Miami, FL
- Feb. 1998 to Aug. 2000, Regional Geotechnical Engineer & Department Manager, PSI, Miami, FL
- Aug. 2000 to Present, Senior Geotechnical Engineer and President, Geosol, Inc., Miami, FL

SUMMARY OF CAPABILITIES

Soils Survey	Geotech. Studies	Lab. Testing	Foundation Analysis & Design	Pile Driving Computer Modeling	PDCA's PDA Certification	PDA, CSL, PIT, & Vibration Monitor.
✓	✓	✓	✓	✓	✓ (Advanced)	✓

PROJECT EXPERIENCE: Geosol, Inc., (2000-present)

FM No.: 250730-2-32-03, Districtwide Geotechnical & Materials Testing Contracts, from Monroe to Miami-Dade Counties, FDOT D6. Senior Geotechnical Engineer responsible for executing 71 work orders for projects during PD&E, final design and construction phases. **Recent performance grade was 4.8.** Client: FDOT, PM: Adrian Viala, PE; Phone: 954.677.7011. Date: 2016-2020.

FM No.: 250730-2-32-01, Districtwide Geotechnical & Materials Testing Contracts, from Monroe to Miami-Dade Counties, FDOT D6. Senior Geotechnical Engineer responsible for executing 123 work orders for projects during PD&E, final design and construction phases. **Recent performance grade was 4.8.** Client: FDOT, PM: Adrian Viala, PE; Phone: 954.677.7011. Date: 2012-2016.

SR 836 Widening, from NW 57th to NW 27th Ave. Design-Build, MDX Project 83628, Miami-Dade County – Geotechnical Engineer of Record responsible for planning and executing the field exploration and laboratory testing programs, interpreting test results, performed foundation analyses & design for 32 bridges, embankments, MSE walls and roadways. Prepared geotechnical reports. Performed PDA testing of piles, integrity testing of drilled shaft, foundation inspections & certifications. PM: Dennis Martinez, PE; TYLin; Phone: 305.714.4049. Date: 2015-2019. Constr. cost: \$150 Mil.

SR 836 Extension from NW 107th to NW 137th Avenue, MDX Project 83605, Design-Build - Geotechnical Engineer of Record responsible for planning & executing field exploration & laboratory testing programs, interpreting test results, performed foundation analyses & design of 5 major bridges, embankments, MSE, noise walls, & roadways. Prepared geotechnical reports. PM: Carlos Cejas, PE; Gannett Fleming, Inc.; Phone: 305.670.2350; Date: Jul. 2005-Dec. 2008. Constr. cost: \$175 Million.



SR 836 Toll Plaza, from NW 87th to 107th Aves., MDX Project 83614, Geotechnical Engineer of Record responsible for planning and executing the field exploration and laboratory testing programs, interpreting test results, performed foundation analyses, provided site preparation and foundation design recommendations for new toll plaza, administration buildings and canopies. Design PM: Gorky Charpentier, PE; HNTB; Phone: 305 551-8100; Date: Dec. 2005- 2008. Construction cost: \$59 Mil.

SR 836 Eastbound Widening, from NW 57th Avenue to NW 45th Avenue, MDX Project 83622, Geotechnical Engineer of Record responsible for planning and executing field exploration and laboratory testing programs, interpreted the test results, performed foundation analyses & design for widening of 2 bridges, embankments, MSE walls and roadways. Prepared geotechnical reports. Client: RS&H; PM: Doug Green, PE; Phone: 954.236.7371; Date: 2009-2012. Constr. cost: \$15 Mil.

Central Blvd. Widening at Miami International Airport Design/Build, MDX 11211.030 – Geotechnical Engineer of Record for design and construction. Responsible for field exploration and laboratory testing programs, geotechnical engineering analyses and design for foundation of 8 bridges retaining walls, sign structures and mast arms, prepared geotechnical reports with recommendations for foundation design and construction. Provided foundation certifications for all and structures. Client: BCC Eng., Inc., PM: Ariel Millan, PE, Phone: 305.670.2350. Date: 2010–2015. Constr. cost: \$45 Mil.

Construction Engineering & Inspection Services, SR 874 & Killian Parkway Improvs., MDX Project 87404 - Chief Geotechnical Engineer responsible for planning and executing test pile program for 4 bridges, provided driving criteria & foundation certifications. Provided testing & recommendations to fix cracking on Killian Parkway due to vibrations during sheet pile installation. Client: Bermello Ajamil; Mr. Aurelio Matos, PE; Phone: 305.323.1462; Date: Aug. 2008 – Jul. 2012.

SR 826 at SW 40th Street Interchange Improvements, Section 2, Design-Build FDOT District 6 and MDX - Geotechnical Engineer of Record responsible for planning & executing the field exploration and laboratory testing programs, interpreting test results, performing foundation analyses and design of 8 bridges, approach embankments, MSE walls, noise walls and sign structures. Client: BCC Engineering, Ariel Millan, PE, Phone: 305. 670-2350. Date: 2008–2012. Constr. cost: \$177 Mil.

SR 836 Interchange Improvements at NW 87th Ave., MDX 83629- Chief Geotechnical Engineer Planned and executed the field exploration & laboratory testing programs, interpreted test results, performed foundation analyses of 7 bridges, embankments, MSE, noise walls & roadways. Prepared geotechnical reports. Client: CHA.; Tony Acosta, PE; Phone: 786.257.3110; Date: 2012-2019.

SR 836 New HEFT Ramps Connections, MDX 83634- Geotechnical Engineer of Record responsible for planning & executing the field exploration & laboratory testing programs, interpreted test results, performing foundation analyses of 3 major bridges, embankments, MSE, & roadways. Prepared geotechnical reports. Client: Ardurra; Diego Jimenez, PE; Phone: 305.228.5666; Date: 2022- 2024.

FM No.: 251688-1-32-01, I-395/SR-836/I-95 Interchange Improvements, Miami, FL, FDOT D6, Length = 2.5 miles. Chief Geotechnical Engineer responsible for planning and executing the field exploration & laboratory testing programs, interpreting test results, performing foundation analyses and design for roadway improvements including several bridges, embankments, and MSE walls. Client: TY Lin; Bill Detwiler, PE; Phone: 305.619.6340. Year: 2012-on-Going.

FM No.: 434922-1-52-01: SR 90/Tamiami Trail, Design-Build, 2.6-Mile Bridging, Miami, FL. Geotechnical Engineer of Record for design & construction responsible for field exploration & laboratory testing programs, foundation analyses & design, geotechnical reports, including 100% PDA testing of 650 piles, Statnamic load testing, foundation certifications, MSE walls and roadway construction. Client: Stantec; Luis Lazo, PE; Phone: 305.445.2900. Year: 2016-2019.

Hard Rock Stadium Pedestrian Bridges and Tunnels, Design-Build, FDOT D6. Geotechnical Engineer of Record responsible for field explorations, lab testing, foundation analysis, design. Prepared the geotechnical reports, provided inspections, and foundation certifications for 2 bridges and associated MSE Walls. Client: Bentley Engineers & Architects, Inc. Phone: (407) 331-6116. Year: 2016-2019.





Adnan Ismail, P.E. (FL, TX)
Senior Geotechnical Engineer
5795-A NW 151st St.; Miami Lakes, FL
Phone: 305. 828-4367; Fax: 305. 828-4235

Availability = 70%

PROFESSIONAL REGISTRATION:

Florida P.E. # 76014

EDUCATION:

2003 to 2006: Bachelor of Science in Civil Engineering, Florida International University, Miami, FL

2012 to 2013: Master of Science in Civil Engineering, Florida International University, Miami, FL

RECENT EXPERIENCE:

Mr. Ismail has **18 years of experience** and has worked on numerous mediums to large size geotechnical engineering projects for the public and private sectors. Mr. Ismail's experience includes planning of subsurface explorations and laboratory testing, data interpretation analysis and design of foundation elements of numerous projects, such as roadways, airport, railroad facilities and water resources. Mr. Ismail has served as project geotechnical engineer for numerous FDOT projects in Districts 1, 4, 6, 7 and Turnpike. His most recent FDOT projects are listed below.

SUMMARY OF CAPABILITIES

Soils Survey	Geotech. Studies	Lab. Testing	Foundation Analysis & Design	Pile Driving Computer Modeling	PDCA's PDA Certification	PDA, CSL, PIT, & Vibration Monitor.
✓	✓	✓	✓	✓	✓ (Advanced)	✓

EMPLOYMENT HISTORY: Mar.2005 to Present, Staff to Senior Geotech. Engineer, Geosol, Inc.

PROJECT EXPERIENCE

FM No.: 250730-2-32-03, Districtwide Geotechnical & Materials Testing Contracts, from Monroe to Miami-Dade Counties, FDOT D6. Geotechnical Engineer assisting with field explorations, lab testing, foundation analysis, design of 71 work orders for projects during PD&E, final design & construction phases. **Performance grade was 4.8.** Client: FDOT, PM: Adrian Viala, PE; Phone: 954.677.7011. Date: 2016-2020.

FM No.: 250730-2-32-01, Districtwide Geotechnical & Materials Testing Contracts, From Monroe to Miami-Dade Counties, FDOT D6. Geotechnical Engineer assisting with field explorations, lab testing, foundation analysis, design of 123 work orders for projects during PD&E, final design & construction phases. **Performance grade was 4.8.** Client: FDOT, PM: Adrian Viala, PE; Phone: 954.677.7011. Year: 2012-2016.

SR 836 Widening, from NW 57th to NW 27th Ave. Design-Build, MDX Project 83628, Miami-Dade County – Geotechnical Engineer assisting with planning and executing the field exploration and laboratory testing programs, interpreting test results, performed foundation analyses & design for 32 bridges, embankments, MSE walls and roadways. Prepared geotechnical reports. Performed PDA testing of piles, integrity testing of drilled shaft, foundation inspections & certifications. PM: Dennis Martinez, PE; TYLin; Phone: 305.714.4049. Date: 2015-2019. Constr. cost: \$150 Mil.

SR 836 Extension from NW 107th to NW 137th Avenue, MDX Project 83605, Design-Build - Geotechnical Engineer assisting with planning & executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design of 5 major bridges, embankments, MSE & noise walls, and roadways. Prepared geotechnical reports. Design PM: Mr. Carlos Cejas, PE; Gannett Fleming, Inc.; Phone (305) 670-2350; Date: July 2005-December 2008. Construction cost: \$175 Million.

SR 836 Toll Plaza, from NW 87th to 107th Aves., MDX Project 83614, Geotechnical Engineer assisting with planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses, provided site preparation and foundation design recommendations for a new toll plaza facility including administration buildings and canopies. Design PM: Gorky Charpentier, PE; HNTB; Phone (305) 551-8100; Date: Dec. 2005- 2008. Construction cost: \$59 Million.

Hard Rock Stadium Pedestrian Bridges and Tunnels, Design-Build, FDOT D6. Geotechnical Engineer assisting with field explorations, lab testing, foundation analysis, design. Prepared the geotechnical reports, provided inspections, and foundation certifications for 2 bridges and associated MSE Walls. Client: Bentley Engineers & Architects, Inc. Phone: (407) 331-6116. Year: 2016-2019.



SR 836 Eastbound Widening, from NW 57th Avenue to NW 45th Avenue, MDX Project 83622, Geotechnical Engineer assisting with planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design of for the widening of 2 bridge, embankments, MSE walls and for roadway construction. Prepared the geotechnical reports. Client: RS&H; PM: Douglas Green, PE; Phone: (954) 236-7371; Date: Jul. 2009-Feb. 2012. Constr. cost: \$15 Mil.

Central Blvd. Widening at Miami International Airport Design/Build, MDX 11211.030 – Geotechnical Engineer assisting with field exploration and laboratory testing programs, geotechnical engineering analyses and design for foundation elements of 8 bridge widening/replacements, retaining walls, sign structures and mast arms, prepared geotechnical engineering reports with recommendations for foundation design and construction for all foundations. Proved foundation certifications for all bridges and structures. Client: BCC Engineering, Inc., PM: Mr. Ariel Millan, P.E., Phone: 305.670.2350. Date: 2010 – 2015. Cost: \$45 Mil.

Construction Engineering & Inspection Services, SR 874 & Killian Parkway Improvs., MDX Project 87404, Miami-Dade County Geotechnical Engineer assisting with planning and executing test pile program of driven piles for 4 bridges, provided driving criteria & foundation certifications. Provided testing & recommendations to fix cracking on Killian Parkway due to vibrations during sheet pile installation. Client: Bermello, Ajamil & Partners; Mr. Aurelio Matos, PE; Phone: 305.323.1462; Date: 2008 –2012.

SR 826 at SW 40th Street Interchange Improvements, Section 2, Design-Build FDOT District 6 and MDX - Geotechnical Engineer assisting with planning & executing the field exploration and laboratory testing programs, interpreting test results, performing foundation analyses and design of 8 bridges, approach embankments, MSE walls, noise walls and sign structures. Client: BCC Engineering, Ariel Millan, PE, Phone #: 305. 670-2350. Date: 2008 - 2012. Construction cost: \$177 Mil.

SR 836 Interchange Improvements at NW 87th Ave., MDX 83629- Geotechnical Engineer assisting with planning & executing the field exploration & laboratory testing programs, interpreted test results, performing foundation analyses & design of 7 major bridges, embankments, MSE & noise walls & roadways. Prepared geotechnical reports. Client: CHA, Inc., Tony Acosta, PE; Phone: 786.257.3110; Year: Jun. 2012-Dec. 2019.

SR 836 New HEFT Ramps Connections, MDX 83634 - Geotechnical Engineer assisting with planning & executing the field exploration & laboratory testing programs, interpreted test results, performing foundation analyses & design of 3 major bridges, embankments, MSE & noise walls & roadways. Prepared geotechnical reports. Client: Ardurra, Inc. Diego Jimenez, PE, Phone: 305.228.5666; Year: Jan. 2022-Jun. 2024.

FM No.: 251688-1-32-01, I-395/SR-836/I-95 Interchange Improvements, Miami, FL, FDOT D6, Length = 2.5 miles. Geotechnical Engineer assisting with planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design for roadway improvements including several bridges, approach embankments, MSE walls, and signalization improvements. Client: FDOT. (c/o: TY Lin; Mr. Bill Detwiller, PE; Phone: 305.619.6340.) Year: 2012-on-Going.

FM No.: 434922-1-52-01: SR 90/Tamiami Trail, Design-Build, 2.6-Mile Bridging, Miami, FL. Geotechnical Engineer assisting with field exploration & laboratory testing programs, foundation analyses & design, and geotechnical reports, which included 100% PDA testing of 650 piles, Statnamic load testing, foundation certification packages and vibration monitoring, MSE walls and roadway construction. Client: FDOT (c/o: Stantec; Luis Lazo, PE; Phone: 305.445.2900.) Year: 2016-2019.

Golden Glades Multimodal Transportation Facility, Parking Garage and Pedestrian Bridge Connecting to Parking Garage, Miami, FL, Design-Build, FDOT D6. Geotechnical Engineer assisting with field explorations, lab testing, foundation analysis, design, inspections and foundation certifications. Client: APCTE, Inc. PM: Carlos Gil-Mera, PE. Phone: 305. 592-7283. Year: 2018-2020.

FM No.: 405665-1-52-01, NW 25th Street West Viaduct over SR 826, from NW 82nd Avenue to East of SR 826, Miami-Dade County, FDOT District 6, Length = 1.5 miles. Geotechnical Engineer providing assistance with foundation certification packages for two (2) bridges, performed pile driving inspections, foundation certification packages for 2 bridges and sinkhole study during drilled shaft installation ground subsidence. FDOT, PM: Mr. Jason Chang, P.E. PE; Phone # (305) 470-5331; Year: 2013-2015.





Juan C. Gonzalez, P.E.
Project Geotechnical Engineer
5795-A NW 151st St.; Miami Lakes, FL
Phone: 305. 828-4367; Fax: 305. 828-4235

Availability = 70%

PROFESSIONAL REGISTRATION:

Florida P.E. # 88803

EDUCATION:

2010-2012: M.S., Civil Engineering, (Geotechnical), University of Puerto Rico

2006 to 2010: Bachelor of Science in Civil Engineering, University of Puerto Rico

RECENT EXPERIENCE:

Mr. Gonzalez has 12 years of professional experience and has worked on numerous small to large size geotechnical engineering projects for the public and private sectors. He is responsible for assisting senior geotechnical engineers including planning, analysis and design of projects. His experience includes planning of subsurface explorations and laboratory testing, data interpretation, analysis and design of foundation elements for roadways, airport, railroad and water resources. He has worked on the following projects:

SUMMARY OF CAPABILITIES

Soils Survey	Geotech. Studies	Lab. Testing	Foundation Analysis & Design	Pile Driving Computer Modeling	PDCA's PDA Certification	PDA, CSL, PIT, & Vibration Monitor.
✓	✓	✓	✓	✓	✓ (Intermediate)	✓

EMPLOYMENT HISTORY:

Jan. 2012 to Present, Staff to Project Geotechnical Engineer, Geosol, Inc.

PROJECT EXPERIENCE

FM No.: 250730-2-32-03, Districtwide Geotechnical & Materials Testing Contracts, from Monroe to Miami-Dade Counties, FDOT D6. Geotechnical Engineer assisting with field explorations, lab testing, foundation analysis, design of 71 work orders for projects during PD&E, final design & construction phases. **Performance grade was 4.8.** Client: FDOT, PM: Adrian Viala, PE; Phone: 954.677.7011. Date: 2016-2020.

FM No.: 250730-2-32-01, Districtwide Geotechnical & Materials Testing Contracts, From Monroe to Miami-Dade Counties, FDOT D6. Geotechnical Engineer assisting with field explorations, lab testing, foundation evaluations of 123 work orders for projects during PD&E, final design & construction phases. **Performance grade was 4.8.** Client: FDOT, PM: Adrian Viala, PE; Phone: 954.677.7011. Year: 2012-2016.

Central Blvd. Widening at Miami International Airport Design/Build, MDX 11211.030 – Geotechnical Engineer assisting with field exploration and laboratory testing programs, geotechnical engineering analyses and design for foundation elements of 8 bridge widening/replacements, retaining walls, sign structures and mast arms, prepared geotechnical engineering reports with recommendations for foundation design and construction for all foundations. Proved foundation certifications for all bridges and structures. Client: BCC Engineering, Inc., PM: Mr. Ariel Millan, P.E., Phone: 305.670.2350. Date: 2010 – 2015. Cost: \$45 Mil.

SR 112 Infrastructure Modifications for Open Road Tolling (ORT) and Miscellaneous Improvements Project, (MDX Projects 11209.051, 30030.051, 30031.051, 40027.051), Miami-Dade County. Mr. Gonzalez served as Project Geotechnical Engineer providing assistance foundation certification packages for two (2) ORT Structures founded on 48-inch diameter drilled shafts, inspected drilled shafts for ORT structures and performed CSL testing on drilled shafts. Client: MDX (c/o: A2 A² Group, Inc., PM: Mr. Albert Ribas, P.E.; Phone # (407) 447-5610; Year: 2014.



Golden Glades Multimodal Transportation Facility, Parking Garage and Pedestrian Bridge Connecting to Parking Garage, Miami, FL, Design-Build, FDOT D6. Geotechnical Engineer assisting with field explorations, lab testing, foundation analysis, design, inspections and foundation certifications. Client: APCTE, Inc. PM: Carlos Gil-Mera, PE. Phone: 305. 592-7283. Year: 2018-2020.

Hard Rock Stadium Pedestrian Bridges and Tunnels, Design-Build, FDOT D6. Geotechnical Engineer assisting with field explorations, lab testing, foundation analysis, design. Prepared the geotechnical reports, provided inspections, and foundation certifications for 2 bridges and associated MSE Walls. Client: Bentley Engineers & Architects, Inc. Phone: (407) 331-6116. Year: 2016-2019.

FM No.: 428358-5-52-01, SR 9A (I-95) NB Widening from North of Biscayne Canal (MP 12.492) to SR 860/Miami Gardens Drive (MP 14.685), Miami, FDOT D6, Length = 2.2 miles. Geotechnical Engineer providing assistance with planning and execution of field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design for roadway improvements. Client: FDOT, PM: Adrian Viala, PE; Phone: 954.677.7011. Year: Jul. 2017 to May 2018.

FM No.: 437053-4-52-01, SR 9A/I-95 NB Widening, from NW 146th Street to Golden Glades Interchange and Turnpike Connector, Miami, FDOT D6, Length = 2.2 miles. Geotechnical Engineer providing assistance with planning and execution of field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design for roadway improvements. Client: RS&H, PM: Jaime Lopez, PE. Phone #: 305-428-3200. Year: Dec. 2018 On-going.

FM No.: 425216-2-52-01, SR 9 / I-95 Ramps Roadway Improvements at Miami Gardens Drive Interchange, (MP 14.685), Miami, FDOT D6, Length = 1.0 mile. Geotechnical Engineer providing assistance with planning and execution the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design for roadway improvements. Geosol TWO No. 81. Client: FDOT, PM: Adrian Viala, PE; Phone #: 954.677.7011. Year: 2017 to 2018.

FM No.: 434922-1-52-01: SR 90/Tamiami Trail, Design-Build, 2.6-Mile Bridging, Miami, FL, FDOT D6. Mr. Gonzalez served as Project Geotechnical Engineer during design & construction responsible for field exploration & laboratory testing programs, foundation analyses & design, and geotechnical reports, which included 100% PDA testing of 650 piles, Statnamic load testing, foundation certification packages and vibration monitoring, MSE walls and roadway construction. Client: FDOT (c/o: Stantec; Luis Lazo, PE; Phone: 305.445.2900.) Year: 2016-2019.

FM No.: 422713-2-22-01, PD & E for Venetian Causeway from N. Bayshore Drive to Purdy Avenue, Miami Beach, FL, FDOT District 6, Length = 2.5 miles. Mr. Gonzalez serves as Project Geotechnical Engineer planning & executing field exploration and laboratory testing, interpreting results, performing analyses to examine the potential replacement/rehabilitation of 12 bridges including 10 fixed span bridges and 2 bascule leaf span bridges over the Intracoastal Waterway. Performed Parallel Seismic testing to evaluate integrity of existing piles and resulting pile capacities. Prepared geotechnical reports; FDOT, PM: Mr. Dat Huynh, PE; Phone # 305-470-5217; Year: 2014-2015.

FM No.: 405665-1-52-01, NW 25th Street W. Viaduct over SR 826, from NW 82nd Avenue to East of SR 826, FDOT District 6, Miami, FL, Length = 1.5 miles. Mr. Gonzalez served as Project Geotechnical Engineer for foundation design & construction phases, geotechnical reports, planning and executing the test pile program of driven concrete piles with 100% PDA testing, foundation certification packages and sinkhole study during drilled shaft installation ground subsidence. Client: FDOT, PM: Jason Chang, PE; Phone # (305) 470-5331; Year: 2013-2015.

FM No.: 251688-1-32-01, I-395/SR-836/I-95 Interchange Improvements, Miami, FL, FDOT D6, Length = 2.5 miles. Geotechnical Engineer assisting with planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design for roadway improvements including several bridges, approach embankments, MSE walls, and signalization improvements. Client: FDOT. (c/o: TY Lin; Mr. Bill Detwiller, PE; Phone: 305.619.6340.) Year: 2012-on-Going.



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**APPROACH TO
SCOPE OF WORK**

E PROJECT APPROACH

UNDERSTANDING OF SCOPE OF SERVICES

The City of Hollywood, Florida (City) is actively seeking qualified, experienced, and/or licensed firm(s) to provide Professional Engineering Design Services for various sidewalk locations in the Gracewood Neighborhood. This project is funded through the FDOT Local Agency Program (LAP) and requires prequalification in FDOT work types **2.0 – Project Development and Environmental (PD&E) Studies, 3.1 – Minor Highway Design, 7.1 – Signing, Pavement Marking and Channelization and 8.2 – Design, Right of Way and Construction Surveying.**

Creating a dedicated pedestrian-friendly sidewalk network in the **Gracewood neighborhood** not only encourages usage but supports the broader **City mission** to provide “a resilient and sustainable City that nurtures quality living and fosters a healthy environment where everyone can prosper.” We support this mission and build in multi-modal options, resilience and sustainability into each project undertaken by MARLIN.

The Gracewood neighborhood currently has an incomplete network of sidewalks. This project will address 14 distinct locations to address the sidewalk gaps and ancillary items at each location. New sidewalks will measure 5'-0", connect to existing sidewalk segments and include curb cut ramps to ADA criteria, as well as, appropriate signage and pavement markings. While not included in the scope of services, if desired, our team is able to evaluate pedestrian lighting at intersecting side streets or at other select locations.

The value of establishing a safer, more livable neighborhood environment, with improved dedicated multimodal features will be accomplished through coordination, collaboration, and innovative design. This project provides an excellent opportunity to enhance each segments' multimodal features allowing residents to safely live, work, and play.

MARLIN's design approach outlined in this section is aligned with those needs applying the following objectives for the project:

- **Facilitate connectivity and accessibility within the neighborhoods**
- **Balance community values, environmental impacts, and mobility needs**
- **Improve operations, and safety within the project segments with new sidewalks**
- **Provide effective community outreach for each sidewalk segment**

- **Incorporate resiliency and sustainability methods and materials where possible**

MARLIN remains committed to partnering with local businesses, and our team takes pride in the fact that all but one of our team members are headquartered in the South Florida area. In addition, our team has one woman-owned, MBE/SBE firms. This local business approach, knowledge, and familiarity with the City of Hollywood will aid in our personalized approach to this project. Given our long-term professional relationships with each firm, we are proud to include; **Chen Moore and Associates, Inc.**, who will provide drainage design, permitting, and landscaping expertise; **GEOSOL Inc.**, for geotechnical services; **PaleoWest, LLC d/b/a Chronicle Heritage** as our cultural resource support team member, and **Cyriacks Environmental Consulting Services Inc. d/b/a CECOS, Inc.** for environmental (wetlands, managed species) evaluations and NEPA documentation support. Together, we will provide expertise in pre-construction surveys and other data collection to support effective sidewalk design that efficiently meets the needs of the City, the neighborhood, and permitting/licensing requirements, including those of the City of Hollywood.

MARLIN is a **Local Agency Program (LAP)** expert, and we have extensive experience in the management of federal funds. Most of the MARLIN Design Managers are former FDOT employees and have managed multiple federally funded projects and are well experienced managing projects with federal funds. We know what to anticipate and have built a team able to resolve any potential challenge. Based on our experience and the characteristics of the improvements, these sidewalk locations meet the criteria for a Programmatic Categorical or Type I Categorical Exclusion. The MARLIN team has prepared numerous Programmatic and Type I Categorical Exclusion checklists and supporting memorandum for the following projects:

SUCCESSFUL COMPARABLE LAP EXPERIENCE:

- **Townwide Bicycle & Pedestrian Improvements** – Town of Miami Lakes (2017-Ongoing)
- **NW 60th Avenue, Complete Street** – Town of Miami Lakes (2017-2020)
- **Engineering and Design under the Safe Routes to School, Local Agency Program (LAP)** – Miami-Dade County (2019-2019)
- **Citywide Sidewalk Improvements** – City of Doral (2017-2018)

- **Biscayne Greenway Trail Improvements** – Miami-Dade PROS (2011-2015)

Understanding the FDOT's design requirements for LAP projects is a key to the successful completion of this project, our team shall provide the City with complete signed and sealed plans, specifications, reports, studies, and any other applicable documentation as set forth in Chapter 17 of the **FDOT LAP Manual**. All plans, specifications, tech specs, reports, studies, and documentation shall apply the **Florida Greenbook Standards, FDOT Drainage Manual, City of Hollywood - Standards Details for Engineering and Landscaping (2023)** as well as materials testing requirements, the **FDOT FDM, 2010 ADA Standards for Accessibility Design, 2023 PROWAG, AASHTO Guides, MUTCD, MUTS, FDOT/County Complete Streets manuals**, and any other applicable manual, guidelines, or standards as listed in Section 4.4.4, page 22 of the RFQ. Appropriate project documentation and permits will be submitted at every phase. During construction, the team will assist the City with RFIs, Shop Drawings, and field visits until Substantial Completion.

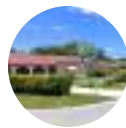
EXPERIENCE WITH LAP PROJECTS

The LAP enables certified local agencies to receive federal funds for transportation-related projects. Typically, these projects involve enhancements or improvements contained within existing right-of-way and are non-controversial. Due to the federal requirements involved, (ROW) acquisition is not suited to the LAP process. LAP projects must comply with the National Environmental Policy Act (NEPA). To ensure this compliance, preparation of a Programmatic Categorical or Type I Categorical Exclusion is required. Generally, either categorical exclusion requires completion of a Programmatic/Type I Checklist and supporting environmental memorandum. The purpose of the memorandum is to provide the back-up information supporting the conclusions drawn in the checklist. Some items of note include; Level I Contamination Screening, Section 4f, wetlands, protected/managed species, and archaeological/historic properties. While most of the review criteria are addressed through the supporting memoranda, separate stand-alone reports (Contamination Screening Evaluation Report, Wetland Evaluation Report, for example) may be required depending upon the corridor and potential impacts of the improvements. Project locations under this RFQ are anticipated to be covered by the above-mentioned memoranda.

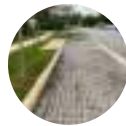
MARLIN has prepared numerous Programmatic and Type I Categorical Exclusion checklists and supporting memorandum for the following types of projects: sidewalk,

multi-use trails, bus stop/shelters, and greenway design and permitting within SFWMD (ROW). Of particular note is the design requirement for LAP projects; improvements to facilities within state-owned (ROW) must be designed to the FDOT's Florida Design Manual (FDM) criteria, while improvements to facilities outside the state ROW can be designed to AASHTO Standards ("Florida Green Book").

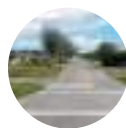
The MARLIN team is experienced in the major reconfiguration of roadways and the development of construction plans. Based on our experience, our approach focuses on the following key considerations:



Impacts to Single Family Homes. The corridors are currently characterized by significant gaps in sidewalks. Providing a consistent sidewalk will require reconstruction of what may be perceived as homeowners' front yards and disruption/reconstruction of driveways. MARLIN has encountered this same issue on other projects in Broward County and this effort will require contacting the homeowners, sharing information with renters and establishing the need for a well-connected pedestrian network.



Parking Impacts. The corridor segments also appear to have both dedicated, official parking, as well as, undesignated parking that is occurring in swale areas adjacent to the travel way. Any parking that may be impacted by new sidewalk segments will be addressed as needed. This is a common condition that MARLIN has successfully dealt with on a number of urban projects.



Context Sensitive Design. Our proposed sidewalk design will be context-sensitive to match the needs of the Gracewood neighborhood. The context and characteristics of the surrounding residential and commercial areas will be taken into consideration for all sidewalk segments.



Construction Plans and Documentation. MARLIN's approach to developing concise and practical construction plans while minimizing change orders is a product of our proactive project management, extensive construction experience, lessons learned, and our prioritized Quality Control and Quality Assurance practices. Based on our experience, we know what information the contractor will need to interpret and build our designs. We anticipate and understand these needs and take every measure to ensure our construction plans and documentation meet governing criteria and are clear, logical, and free of unnecessary minutia.

Tasks listed in the RFQ scope include:

Task 1: Initial Phase Submission

Task 2: Topographic Survey,

Task 3: NEPA evaluation and Cultural Resource Survey

Task 4: Constructability Phase Submission

Task 5: Production Phase Submissions

Task 6: Support during Construction

Although not anticipated, our team will identify any **Design Exceptions and Design Variations** for the project early on during the initial design phase, as appropriate. This allows time for designers to evaluate design alternatives and to obtain Design Exceptions and Design Variations approval before plans are in the final design phase.

As design plans are created, all details in the plans will be part of the **Approved Products List (APL)** listed by specification, structures, or design index reference identifying the product and/or material requirements. If a requested product for this project is not on the APL, Armando will contact the FDOT District 4 LAP Administrator for further assistance. The incorporation of **patented and/or proprietary products** may only be used with approval from the Department. Specifications should be developed to allow for competition among equivalent materials, equipment, and methods. References in specifications and on plans to single trade name materials, sole-source processes, or if a project calls for a proprietary product, the Department's FDM 110.4.1 must be followed. The District's LAP Manager will coordinate approvals and PSEE tracking per the FDM process.

APPROACH TO SCOPE OF SERVICES

PROPOSED SIDEWALK SEGMENTS AND IMPROVEMENTS

Sidewalk and pedestrian features are a large part of Complete Streets design and a strong area of expertise for our team with many members being former FDOT leaders in the complete street's initiation, development, and early implementation. The MARLIN team will render design services to meet the following proposed scope of work improvements including sidewalks, ADA ramps, crosswalks, and all signing and pavement markings at the fourteen (14) locations listed in the RFQ and in the following section of this document.

Additional scoping elements include drainage (permitting), survey, geotechnical services, signing and pavement markings, utilities and potentially landscaping analysis for avoidance and survivability of existing tree canopies. Pedestrian lighting, if desired, will be designed and installed based on community input, aesthetic requirements, and desired lighting levels for each segment. Existing landscaping

may be impacted by sidewalk installation and will need to be efficiently and effectively addressed to limit aesthetic and tree canopy impacts for each sidewalk segment. A major focus is the significance of tree and utility avoidance while designing the proposed sidewalks and features. Some of the adjacent properties have well-developed tree canopies, utility poles, and utility boxes within the (ROW) and if not handled correctly, could affect not only the design but public perception and budget. Existing parking, mailboxes, and concrete paver driveway impacts will require careful coordination, communication, and transparent design solutions. **By utilizing innovative and efficient design solutions, the intent of the scope can be fully incorporated, maximizing community benefits while minimizing impacts and costs.**

Our Team's approach includes project coordination, project financial oversight, and project schedule

Project coordination begins with a successful, well-established project management philosophy supported by an experienced project manager. **MARLIN's PM, Armando Aguiar, PE,** brings extensive hands-on experience and strong relationships with key leaders across many South Florida municipalities, and stakeholders such as DERM, SFWMD, and Broward County agencies. In fact, we presently maintain contracts and collaborate directly with the Cities of Miami Gardens, and Miramar, as well as Miami Dade and Broward Counties. Armando has worked on municipal projects such as Atlantic Shores in Hallandale Beach, and Roundabout design along Old Cutler Road in Cutler Bay. As a hands-on PM, Armando is proficient with AutoCAD Civil 3D, MicroStation with GEOPAK, and MicroStation 3D Modeling and has 3D modeling design experience which can help with visualization techniques. **As the single point of contact** between MARLIN and City Project Manager, Armando will be responsible for contract administration, design schedule, budget, plans production, and overall project coordination. Armando recognizes that effective project management begins with a robust **Project Management Plan**. Our dynamic Project Management plan serves as a valuable resource for our team and the City including a contact list, scope details, schedule milestones, document control process, subconsultant management process, key issues documentation, and all stakeholders. With our Team's extensive experience, our approach to this contract will focus on streamlining the design process while alleviating your staff's workload. The foundation of our successful management plan is built upon providing expert professional services, leveraging technology, and developing innovative solutions to meet the safety and operational challenges of the NW/SW 8th Ave corridor.

PROJECT MANAGEMENT PLAN

Upon the Notice to Proceed, we will develop our Project Management Plan. This plan will be a living document and serve as a resource for our staff and the City of Hollywood. It shall include a contact list, scope details, a schedule including milestones, document control process, subconsultant management process, key issues, stakeholders, meeting minutes and on-going commitments. Also, to be included are:

1. The **Risk Management Plan** identifying unexpected events and assessing the probability and severity of these events to determine impacts and decide the best course of action
2. A proactive **Public Involvement Plan** keeping the City, our design team, local community, and stakeholders well-informed of the project, ensuring all parties have the same level of understanding regarding commitment, expectations, and scope of work.
3. A **Cost Control Plan** monitoring the design and construction budget, as well as the schedule, including management to minimize scope creep.
4. The **Quality Control/Quality Assurance Plan (QA/QC)**, ensuring constructible and error-free plans. MARLIN is committed to delivering work products that exceed industry standards and the City's expectations.

THE RISK MANAGEMENT PLAN identifies unexpected events, assesses the probability and severity of impacts, identifies mitigation strategies and documents implementation solutions. For this contract, one major risk is continually rising contract costs currently being felt throughout our industry. Although some factors may be out of local control, it is incumbent upon our Team to completely understand each TWO scope, anticipate various pitfalls, challenges, and alternatives for each project early in the process. This upfront analysis will help mitigate risks from the outset creating a more stable, realistic budget and schedule in support of the City's work program.

COMMUNITY OUTREACH/PUBLIC INVOLVEMENT PLAN

The City of Hollywood continues to emphasize the importance of improving the quality of life for its neighborhoods by enhancing local streets and other important public spaces essential to daily life. "Complete Streets" type mobility projects is a growing nationwide movement coalesced around a simple idea: our streets should work for everyone, of all ages and abilities, regardless of how they travel. All communities want streets that are safe to walk and accessible, offer places to meet people, link neighborhoods, and have a vibrant mix of uses to promote convenience and accessibility.

MARLIN is committed to supporting the City's Quality of Life vision for this important project. We will align project tasks with **Public Involvement**, advancing the following goals:

- Establish effective two-way communication.
- Balance neighborhood values and mobility needs.
- Focus on neighborhood safety.
- Improve user environment and experience.
- Safeguard underground infrastructure (No service disruptions.)
- Ensure Temporary Traffic Control Plan addresses neighborhood concerns.
- Expedite construction activities for community benefit.

Inclusive and Transparent: Effective **public involvement** is the cornerstone of our team's design approach. The MARLIN team understands that public outreach is a two-way process that distributes information and helps to ensure there is a clear understanding of the project context, community goals, and opportunities. We also recognize that it is critical to create accessible, clear, communication options for all members of the public to provide input. These communication options not only build project awareness and community trust but also ensure that design solutions reflect the needs and desires of the community. Our public involvement expertise comprises community and stakeholder engagement, targeted agency and municipal coordination, and broad-based, innovative tools such as community surveys, social media, and online crowdsourcing. While we draw from different areas of expertise to complete project tasks, we assure the City that our team will communicate in plain language, focusing on what the neighborhoods want to know. We have intentionally designed our public involvement approach around key milestones that correspond with public involvement activities. In our experience, this allows for a predictable public process and an efficient, cost-effective way of engaging the community.

The MARLIN team has a proven track record working with municipalities, as demonstrated in our project experience. We regularly develop successful public outreach plans as well as lead public presentations and diverse stakeholder and technical working groups. Our Team utilizes state-of-the-art processes to prepare materials for use at public meetings, and equip municipal staff with effective presentations, maps, photo displays, photo simulations, and other large-scale color graphics.

Key steps we take in public outreach include:

- Provide various forums for the public to contribute to the plan development.

- Keep the public informed, acknowledge their concerns, and provide timely feedback.
- Recognize the value of participants' time.
- Share information openly using a variety of distribution methods.
- Consider varying perspectives and explain how differences of opinion are resolved.
- Clearly communicate the significant milestones, and upcoming steps.
- Explain how participants can access information and provide feedback.
- Tailor the public outreach effort to local needs and budget.
- Leverage existing effective communication tools.

MARLIN is prepared to develop a comprehensive **Public Involvement Plan** aligned with the City's vision. Our team's efforts shall include notifying local governments, affected property owners, tenants, business owners, schools, BCT and the public. MARLIN is ready to prepare documents such as access impacts, invitations to public information workshops, notices and presentations to neighborhoods, letters to neighbors with anticipated construction dates and impacts, and weekly news releases.

PROJECT SCHEDULE & COST: Our team's broad range of expertise allows MARLIN to provide the resources necessary to produce the results our clients expect. We pride ourselves on managing our schedules effectively, fully cognizant that working for public clients means being entrusted with taxpayer dollars- a responsibility we take very seriously.

Schedule: Armando will develop a Critical Path Method (CPM) schedule to manage critical path items, maintain positive float, and identify/resolve risk items. Major design decisions will be coordinated with the City early in the process to avoid false starts and eliminate design changes. Our experienced team has worked on similar projects in the past and can apply lessons learned to help maintain commitments and schedules. Permit issues, utility issues, and public information/communication will be addressed early to expedite the schedule and minimize potential risks. Weekly production meetings will be held to track design activities, budgets, and staffing needs.

If the City wishes to expedite the design, our Team can allocate additional resources to accommodate this request. With our Team's local agency familiarity, ped safety experience and additional resources availability, we have the ability to accelerate the project schedule to meet the City's needs.

Cost Control Plan: (Design) During the design scoping phase, the project schedule, scope, and budget are interlinked. Once

a Notice to Proceed is issued, these will be simultaneously monitored biweekly. Armando will track project expenditures versus the agreed-upon schedule allowing him to anticipate potential issues well before any situation becomes critical. In combination with Armando's knowledge of the project's progress, this will provide a snapshot of the schedule's progress compared to the project budget. This proactive approach to project control allows the Project Manager to monitor progress and head off cost overruns well in advance of the situation becoming critical. If there are unavoidable budgetary issues, we will quickly develop the appropriate mitigation plan to address the issue. Armando will provide monthly progress reports and invoices to the City PM with an earned value graph (EVG) comparing dollars versus time expended to date. All subconsultant invoices will be reviewed and validated prior to submittals. It is important to note that the Cost Estimate will include a breakout of surtax funded and non-surtax funded design elements subject to review and approval by City and Broward County (OPC).

Cost Control Plan (Construction): Given the current cost and materials issues prevalent within the construction industry, a structured and detailed cost control process is extremely important to maintain local agency's limited budgets. Our Team's cost control plan will monitor the design, construction, and post-design budget to anticipate cost issues and minimize scope creep. Special request (proprietary) items will be discussed early in the design process for maintenance compatibility, availability, and cost. Armando will monitor construction estimates through detailed itemized cost estimates and AASHTOware systems at each project milestone or with any major scope changes. He will use our three-way checklist concept to verify quantities and pay items for an additional layer of concurrence. To avoid issues with quantities during construction, we will conduct thorough checks during design, including hand verification of the "high-ticket" items or 90/10 analysis. (i.e. asphalt quantities, concrete, and drainage). Following FDOT D4's recent quantities requirements at 60% submittals ensures detailed construction budgets are developed earlier in the design process. The post-design budget will be controlled during construction by rapidly responding to RFIs and quickly reviewing shop drawings.

EFFECTIVE QUALITY CONTROL

Effective Quality Control begins with... **"doing it right when no one is looking"**. MARLIN commits to delivering surveys, geotechnical reports, environmental assessments, phased design plans, and specifications that meet the highest standards of our profession. Armando will take the following steps to ensure that the final plans are permittable and buildable with accurate cost estimates:

- Partner with Quality Control Officer to develop project specific quality plan.
- Establish Team accountability and set expectations.
- Conduct unscheduled quality control reviews prior to milestone dates
- Ensure the Quality Control Plan is fully enacted by the Team.
- Involve CEI staff in constructability review with a focus on MOT, utility conflicts, drainage needs, etc.
- Identify proprietary products and review proper certifications if needed.

“Conformance to Requirements”

MARLIN will create a project-specific QC plan within 20 business days of the NTPK. This plan will identify Q/C staff, follow the City’s and Broward County processes, criteria, and procedures (City Standards, FDM and Greenbook) and be strictly followed by our entire project team. If requested, a copy of MARLIN’s QA/QC documents will be provided with each submittal to the City PM.

Quality begins with the appropriate staff focused on each task. Eliminating costly rework and errors is a major focus throughout the plan’s preparation process. **Informal** QC processes such as documented field reviews, day to day continuous checking, progress reviews, component compliance checks and MARLIN/City lessons learned create the foundation for our formal review process. Our team’s formal Q/C process includes; the **5-step color coded tracking stamp**, completion submittal checklists, quality log and quality assurance reviews which validate the certificate of compliance document prior to each phase submittal. All previous submittal comments must be clearly addressed including new page number references which will help the City reviewer’s concurrence processes as well as our Team’s verification of changes procedures.

Providing a **“fresh set of eyes,”** independent peer review prior to each phase submittal will help ensure document compliance and appropriate design decisions. As an added benefit, reviewers focus on scope, schedule and/or budget, broken down by phase, **from the Initial Phase Submission (Task 1), Constructability Phase Submission (Task 4) and Production Phase Submissions (Task 5).** This focus allows the MARLIN team to assign appropriately experienced staff providing quality and value throughout the project.

Quality document retention is part of MARLIN’s process and allows for City quality assurance reviews at any time to ensure high standards are maintained throughout the life of the project.

Tools/Initiatives such as ProjectWise, Google docs, plan notes redundancy checks, “Top 10” issues, and final “Pay item/quantity top 10 costs” reviews help to support our teams’ collaborative efforts which aim to exceed the City’s quality expectations.

At MARLIN, Quality Control is a continuous process of effective coordination, communication, review, checking, backchecking, rechecking and confirming revisions to ensure all project documents and deliverables are complete and accurate. MARLIN will prepare and adhere to our comprehensive Quality Management Plan (QMP) detailing the QA/QC procedures to be used for any design and production activities for this project. The design process will be guided by the QMP, prepared before the start of project design, and outlining the procedures for documenting that the quality process is being properly carried out.

Armando, as the PM and Engineer of Record (EOR), will certify the designs by signing a release stating:

- The design meets project requirements.
- All previous comments have been resolved.
- The deliverables are ready for review.

This structured Quality Plan aids in the development and completion of accurate, cost-effective, well-conceived engineering plans that reflect the scope and intent of this project.

DESIGN APPROACH PROCESS

Our Team has extensive experience with successfully developing sidewalk/Complete Streets designs which provide cost effective solutions for our clients. **FDOT’s context classification** system describes the general characteristics of the land use, development patterns, and roadway connectivity along a roadway corridor/segment, providing indications as to the types of uses and user groups that will likely utilize the roadway. For the entire Gracewood Neighborhood, the context classifications/functional classifications are **Local Roads**. The context classification and transportation characteristics of a roadway will determine appropriate design criteria, establishing the Green Book design requirements required as the foundation for all design solutions. Therefore, based on the context classification of local roads, all plans, specifications, tech specs, reports, studies, and documentation within the City’s (ROW) shall comply with **City of Hollywood Code of Ordinances, Broward County Codes, Florida Department of Transportation 2018 GreenBook, Current FDM/standard plans, South Florida Water Management District, State of Florida Department of Environmental Protection and the**

2010 ADA Standards for Accessibility Design, 2011 ADA & ABA PROWAG, AASHTO Guides, MUTCD, MUTS, FDOT/County Complete Streets manuals and any other applicable manual, guidelines, or standards.

Meeting key milestones one of the keys to success. The successful completion of the scope of work requires that the entire project team work together, coordinate, and collaborate with City Departments, and partner agencies to accurately meet the project's scope and intent. All concerns from project stakeholders must be addressed, and acceptance/consensus must be obtained where possible. Our experience has shown that early and effective coordination and communication about project milestones with all the major stakeholders (i.e., public officials, businesses, other governmental agencies, and the public) is essential and necessary for project collaboration and success.

Key milestones identified in the RFQ to be accomplished by our Team include:



Task 1: Initial Phase Submission

MARLIN, upon Notice-To-Proceed, will collect existing as-built plans and permits, including water and sewer lines, and all other existing documentation available for our review and use. After review of the information, we will meet with the City and perform field reviews to validate the data and collect any additional information that may be needed. Concept level plans will be prepared, after receipt of the survey files, illustrating any design constraints at each sidewalk location for discussion with the City of Hollywood.

Task 2: Topographic Survey,

A complete topographic survey will be initiated establish horizontal and vertical controls, baseline of survey and locate all driveways, ramps, and sidewalks. Spot elevations will be required to produce a DTM and cross sections. It is important to locate and determine the disposition of all trees that have a 4' caliper of greater. Preservation of tree canopy is aesthetically desirable and a resilient design principle.

Task 3: NEPA evaluation and Cultural Resource Survey

This task will include data collection, GIS research and site reconnaissance in order to prepare the NEPA environmental document anticipated to be a Type 1 Categorical Exclusion (Type 1 Cat Ex). MARLIN has prepared various Cat Ex's for LAP projects that we have previously and successfully completed. The MARLIN team will identify and document threatened, endangered or managed species, habitats and wetlands. Involvement of these resources is anticipated to be minimal to none based on the urban nature of the sidewalk projects.

Desktop GIS surveys and research will reveal contamination areas, well-fields, or other such items to be documented in the environmental memoranda that will serve as references to the Cat Ex document.

A Cultural Resources Assessment Survey (CRAS) will also be prepared. This process is **guided by Section 106 of the National Historic Preservation Act (NHPA)**, which requires agencies to consider the effects of their undertakings on historic properties. When a project receives federal funding or permits, the State Historic Preservation Officer (SHPO) becomes a key partner in evaluating potential impacts on cultural resources. Similar to other environmental resources, involvement is anticipated to be minimal given the nature of proposed improvements.

All NEPA procedures and documentation will be expertly prepared and compliant with Part 1, Chapter 2 of the FDOT PD&E Manual and LAP guidelines.



Task 4: Constructability Phase Submission

This task will include coordination and concept refinement meetings with the City and any other stakeholders as necessary to ensure all elements and issues are addressed in the sidewalk design at each location. Customary items in this phase include the initial and final typical section, and horizontal and vertical geometry. These concepts will consider all major aspects of roadway design, such as roadway geometrics, streetscape, right-of-way impacts, drainage, utilities (electrical, phone, potable water, and sewer lines), environmental impacts, signing and pavement markings, and lighting, and landscape improvements, if warranted. These plans are used for utility coordination and to initiate the permitting process. Right-of-way acquisition is not anticipated, however, adherence to the FDOT ROW procedures in Chapter 19 of the LAP manual will be necessary. Sidewalk designs at each location will comply with the following guidance documents:

- Florida Greenbook (also referred to as the Manual of Uniform Minimum Standards for Design, Construction, and Maintenance of Streets and Highways)
- Americans with Disabilities Act (ADA) Compliance
- AASHTO Roadside Design Guide
- Florida Design Manual (FDM)
- FDOT Standard Specifications for Road and Bridge Construction
- FDOT Basis of Estimates Handbook
- MUTCD
- FDOT Structures Design Guidelines (if applicable)
- SFWMD Environmental Resource Permit Applicants Handbook

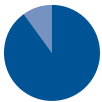


Task 5: Production Phase Submissions – This task includes the 60%, Permits, 90% and 100% plans submittal packages.

60% Production Design Phase Submittal includes all details necessary for the construction of the project. At this phase, we will include all roadway, utility, lighting designs (if needed), and a detailed traffic control plan. At this point, all the pay items to be used to construct our design are determined, and any special specifications and details are identified. This is also the stage in which our design plans are detailed enough to be reviewed by our construction engineering expert for constructability, practicality, and value engineering (if required).

The 60% submittal will also include:

- A. Three (3) sets of 60% construction plans plotted at 1"=100' scale
- B. Details, notes and specifications
- C. Construction Cost Estimate
- D. Written responses to comments
- E. SWPPP and all permit applications (including the City's permits) will be submitted to the City. It is anticipated that the permit applications will be combined with the surface water permit and the City will submit the packages to the appropriate agencies.



Pre-Bid Phase/90% Phase Submittal is the fine-tuning phase and primarily consists of minor design and plan modifications to implement any comments and concerns from the prior phases. By this phase, all clearances and permits pertinent to the proposed design should be secured. Complete pay item quantities and a final cost estimate are developed during this phase.

The 90% plans submittal package shall include, but not be limited to:

- A. Three (3) sets of Pre-Bid Phase (90%) construction plans plotted at 1"= 100' scale
- B. Written responses to comments
- C. Quantity Take-off list in MS Excel Bid Form spreadsheet
- D. Opinion of Probable Construction Costs on the City's bid forms.



Production Phase/100% Phase Submittal, plans are finalized with comments incorporated from the previous bid phase submittal. Specifications and any supporting construction documentation, including final take-off quantities, are prepared. At this point, the design and plans are complete, signed and sealed, and ready for final approval and construction.

The 100% plans submittal package shall include, but not be limited to:

- A. Three (3) sets of signed and sealed construction plans
- B. Written responses to comments
- C. Final Quantity Take-off list
- D. Letter of Quality Control
- E. One (1) set of signed and sealed construction plans

Throughout the design process, MARLIN provides an extensive in-house review by team members from our various disciplines (i.e., Traffic, Survey, Roadway, Drainage, Construction, Landscape, etc.) to ensure constructability and to identify any potential impacts (i.e., right-of-way constraints, residential impacts, utility conflicts, ADA compliance, environmental and permitting impacts among others). We will focus on providing TTCP sequences that expedites construction, minimizes inconvenience to residents, and always provides access to each property.

Task 6: Support during Construction - In addition to our services, the team will provide bidding assistance, post-design services consisting of meeting attendance, shop drawing/as-built reviews, plan revisions, construction administration, and inspection services as required. Our full-service approach will ensure the City's goals and vision are brought to fruition

Although not anticipated, our team will identify any **Design Exceptions and Design Variations** for the project early on during the initial design phase, as appropriate. This allows time for designers to evaluate design alternatives and to obtain Design Exceptions and Design Variations approval before plans are in the final design phase.

As design plans are created, all details in the plans will be part of the **Approved Products List (APL)** listed by specification, structures or design index reference identifying the product and/or material requirements. If a requested product for this project is not on the APL, Armando will contact the City Project Manager for further assistance.

The incorporation of **patented and/or proprietary products** may only be used with approval from the City in terms of compatibility, maintainability, and funding availability. Specifications should be developed to allow for competition among equivalent materials, equipment, and methods. References in specifications and on plans to single trade name materials, sole-source processes, or if a project calls for a proprietary product, the Department's FDM 110.4.1 must be followed. The City's Design Project Manager will be part of the coordination/approval process as needed.

Our team is required to use the City's **Electronic Review Comments (ERC)** application for submission of various documents during the design phase, as applicable. Specific documents are identified in the RFP, but coordination with the City Project Manager early in the design process for periodic updates and project specific requirements will be done by our **PM Armando Aguiar**.

PROJECT SPECIFIC TECHNICAL DESIGN DETAILS

Our team is aware of the critical nature of **stormwater management** and as part of the existing conditions discussions we identify the appropriate Flood zone areas for each segment. This designation ranks the given probability of flooding and the importance of proactive stormwater management and understanding. **Flood zone** identification is another layer of expertise and consideration with our design process. As we have seen with recent events, this designation can help target drainage solutions related to each segment's design and how it can impact the local neighborhood in both the short and long term.

- **Flood zone X**, also known as flood zone X500, is arguably the safest flood zone designation, as it's considered to be outside the 500-year floodplain and is also protected by a flood control system, such as a levee or dam, from the 100-year floodplain.
- **Flood zone AH**, are areas with a 1% annual chance of shallow flooding, usually in the form of a pond, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses can be found at selected intervals within these zones.
- **Flood Zone AE**, The base floodplain where base flood elevations are provided. AE Zones are now used on new format FIRMs instead of A1-A30 Zones. Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas; no depths or base flood elevations are identified within these zones

Landscaping/Aesthetics: City of Hollywood participates in the Broward County **NatureScape Irrigation Service (NIS) Interlocal Agreement**. The goal of the NIS program is to achieve water savings and protect water quality through more efficient landscaping practices. Under the agreement, NIS conducts evaluations, makes recommendations, and conducts follow-up evaluations at City facilities and parks. For the past four decades, the City of Hollywood has been a certified **Tree City USA**, through the Arbor Day Foundation. Tree canopy is limited due to the intensive development in most of the City. The tree canopy should be increased to meet

the 30% citywide coverage by 2030 goal set by the Broward League of Cities and adopted by Hollywood. The current tree canopy percentage is not known, but the current Citywide Masterplan and Implementation Strategy indicated it was very low. The City has a Street Tree Planting program, which should receive additional funding, and a Tree Preservation Ordinance. The City's public awareness campaign strives to make residence aware of the importance of trees, tree canopy, and tree maintenance including species, size composition, maintenance requirements and conditions. This effort will be considered carefully as we develop the scope for the NW/SW 8th Avenue corridor.

Parking: The presence of dedicated parking within various segments of the right-of-way poses challenges to achieving seamless sidewalk connectivity and advancing the City's Complete Streets initiative. Recognizing the unique parking demands and traffic dynamics of the Gracewood neighborhood, our team will develop context-sensitive design strategies aimed at addressing local concerns while enhancing overall mobility.

We will conduct a thorough assessment of existing conditions, engage with community stakeholders, and explore a range of tailored alternatives, such as designated parking zones, cul-de-sac traffic calming features, and optimized parallel or reverse-angle parking configurations. These solutions will be evaluated not only for their operational efficiency and safety benefits but also for their potential to support multimodal transportation, facilitate accessible waste collection, and promote a more organized and equitable parking environment.

By fostering community consensus around innovative parking approaches, we aim to deliver a balanced outcome that supports both neighborhood livability and citywide connectivity—a true win-win for residents and visitors alike.

Typical sidewalk and ramp details will be followed per the City Engineering Standards and FDOT standard plans 522.

Lighting: (Not currently part of scope but could be added as needed) Chapter 6 (Table 6-2) of the Green Book and Section 231 (Table 231.2.1) of the FDM discuss lighting criteria for roadways and sidewalks. Lighting levels criteria for **Local Roads** is available in both manuals but the key point is that per the Green Book section 6; *"Additional lighting for a sidewalk or shared use path maybe necessary if it is substantially set back from the roadway, at the discretion of the responsible/ maintaining agency."* Given the local context and intent for this project, illumination levels will follow pedestrian ways as "guidance." We will work with the City and residents to

guide the final lighting design given the scope and intent of this project in terms of lighting. A lighting justification report consistent with Broward County and FDOT policies and the criteria outlined in the Florida Green book is required for these improvements to be eligible for funding.

The project consists of the design and permitting of a new 5'-0" wide concrete sidewalk with curb ramps to fill-in and connect to existing sidewalks within the Gracewood neighborhood. The proposed sidewalks will be installed in the existing swale areThe **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.** leading to street specific challenges and solutions in terms of neighborhood impacts, safety, and operational needs. Our team has reviewed available maps, existing plans, Broward County and City resources to identify the local road specific challenges and solutions based on local community input, City maintenance concerns, and improved mobility diversity within each segment.

Our segment discussion below is organized by **existing conditions, challenges** and **solutions** per segment and then proceeds with the technical approach which could apply corridor wide.

General comments for each segment:

- Any **signing and marking** recommendations will be approved with the City maintenance department. Maintenance issues will be discussed and documented for each of the segments.
- Private irrigation** will be investigated for each impacted property owner. Appropriate plan notes will be prepared to ensure each home owner has ability to cap/relocate system prior to construction.
- Mailboxe/Garbage cans:** Relocate mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use. MOT will need to consider trash locations during construction.
- Permitting:** Will be addressed in the Environmental section

ENGINEERING APPROACH: TECHNICAL CHALLENGES AND SOLUTIONS (14 LOCATIONS)



1 LOCATION 1: TYLER STREET FROM 62ND AVENUE TO 62ND AVENUE

Existing Typical: Approximately 200' corridor

- Typical section:** 50' (ROW), 2-12' lanes undivided, intermittent sidewalks (colored pavement), no bike lanes,
- Lighting:** None.
- Driveways:** Existing access to homes, with asphalt and concrete sidewalks
- Landscaping:** Sporadic large trees on the west end of the segment.
- Utilities:** No existing underground utilities visible.
- Drainage:** Swale drainage, FEMA flood zone AH.
- Transit:** No transit connections in this segment. Bus route 07 has bus bays in the WB/EB directions on Hollywood Blvd.

CHALLENGES

Existing parking on both sides of the roadway, mailboxes on the north side of the roadway, sporadic trees which could be impacted by construction. Fence on south (ROW) appears to be encroaching into public (ROW).

SOLUTIONS

- Sidewalk:** Provide 5' sidewalk on north side of roadway. No residences on south side.
 - Connect new **sidewalk** with existing sidewalk on NW 62nd Ave. Provide marked crossing for user and driver visibility.
 - Add **detectable warning** as needed in accordance with the FDOT Standard Plans for Road Construction,

Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.

- **Lighting:** No lighting requested in RFQ but could be a benefit to the community if done cost-effectively and strategically.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas.
- **Landscaping:** Some large trees and shrubs on the north side will need to be evaluated for avoidance/removal (4' sidewalk in this area/porous pavement options.) Landscape opportunities on south side for aesthetic and shielding purposes.
- **Utilities:** No apparent issues.
- **Driveways:** Do not construct new sidewalk through colored concrete driveways. Asphalt driveway connections to the street in poor condition. Recommend extending resurfacing to sidewalk connection.
- **Mailboxes/Garage cans:** Relocate mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use. MOT will need to consider trash locations during construction.
- **(ROW):** Private fence will need to be avoided.
- **Miscellaneousellaneous:** Swale damage: South side swale has significant damage due to parking and vehicular movements. Some type of swale stabilization may help improve maintenance, aesthetic and quality of life for the segment. Small traffic circle construction at the west end of the street may improve turn around for larger vehicles and trash service.

2 LOCATION 2: DUVAL STREET FROM 63RD AVENUE TO SR-7

Existing Typical: Approximately 1150' corridor (3 distinct sections)

1. **Typical Section:** 50' (ROW), 2- 10' lanes undivided, Intermittent 5' sidewalks, no shoulders, no bike lanes.
2. **Lighting:** Joint use lighting on the existing FPL transmission poles.
3. **Driveways:** Several paver and concrete driveways.
4. **Landscaping:** No impacts on eastern-most corridor. Short section west of the TPKK have some landscaping in the swale areas.
5. **Utilities:** Sewer lines in the street, fire hydrants on north and south side at various locations. Street lighting at each end of the segment, transmission lines on the south side.
6. **Drainage:** No existing drainage inlets visible, SR-7 has closed drainage system. FEMA flood zone AE/AH.
7. **Transit:** No transit on this segment however , transit line 18 at the SR-7 intersection.



CHALLENGES

Sporadic street parking, minor existing landscaping west of TPKK, concrete/paver driveway, existing mailboxes.



SOLUTIONS

- **Sidewalks:** Provide 5' sidewalk in a 60' gap on the north side and a 50' gap on the south side.
 - ◇ 61st Ave and Duval Street, provide proper connection to existing sidewalks on north and south side radius returns.
 - ◇ Add detectable warning at west intersection in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◇ Radius return will need modifications to provide this connection. Lighting: Although not in the scope, new pedestrian lighting may be warranted.
- **Lighting** May provide operational and safety benefits. Poles should not disrupt landscaping, driveway access, typical parking use, etc.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas.
- **Landscaping:** If impacted, coordination needed for solution and mitigation. No issues on the eastern sections of Duval Street.
- **Utilities:** No issues, Design ramp configuration to avoid existing light pole on the south side of 61st street and Duval Street.
- **Driveways:** Do not construct new sidewalk through exiting concrete driveway on north side.
- **Mailboxes:** Mailboxes to be accommodated with new sidewalk construction to improve USPS access without impacting short term parking use.
- **Miscellaneous:** Overhead electric lines should not pose and issue for construction activities.

3

LOCATION 3: POLK STREET FROM 64TH AVENUE TO SR-7

Existing Typical: Approximately 1700' corridor (3 distinct sections)

1. **Typical Section:**
 - a. **West of SR-7:** 50' (ROW), 2- 11' lanes undivided, 5' sidewalks on north side, no shoulders, No bike lanes. west end pavement circle has existing 5' sidewalk on the north side.
 - b. **East of TPKK:** 50' (ROW), 2-11' lanes, undivided, 5' sidewalk on the north side only, no bike lanes or

shoulders

- c. **West of the TPKK:** 50' (ROW), 2-11' lanes, undivided, sporadic 5' sidewalk on north and south side, no shoulders, no bike lanes.

2. Lighting:

- a. **East of SR-7:** 3 existing FPL LED joint use street lights on north side.
- b. **East of TPKK:** No lighting.
- c. **West of TPKK:** one stand alone light pole and one joint use FPL light pole at 63th Ave.

- 3. **Drainage:** No existing drainage inlets visible, SR-7 has closed drainage system. Evidence of standing water in various locations which may need to be addressed within the north and south side parking areas, FEMA flood zone X/AH.

- 4. **Landscaping:** Minor shrubs, etc in the section west of SR-7, no other issues in these sections. .

- 5. **Utilities:** No issues visible, existing OH lighting pole/lines on the north side of the segment.

- 6. **Driveways:** Residential, commercial driveways/parking areas throughout this segment. Some paver and concrete driveways, one grass driveway.

- 7. **Mailboxes:** Mailboxes to be accommodated with new sidewalk construction to improve USPS access without impacting short term parking use.

- 8. **Miscellaneous:** Moveable gate access on the south side residence.

CHALLENGES

Sporadic street parking, small foliage will need to be coordinated during construction of the sidewalk. Radius return traffic damage at 63rd Ave and 62nd Ave. Circle at end of street will need to be design to accommodate sidewalk. Connection at SR-7 may be substandard with new sidewalk. Turn around needed as part of sidewalk placement west of the TPKK colored concrete driveways west of TPKK.

SOLUTIONS

- **Sidewalk:** Provide 5' preferred sidewalk on small sections missing on north side and for the entire south side.
 - ◇ Design sidewalk to avoid existing light poles on the north side of Polk Street.
 - ◇ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◇ Circle sidewalk will need to be carefully designed given the (ROW) constraints and odd shape at the end of the street.
 - ◇ 64th, 63rd and 62nd Ave will be designed for ADA

access and pavement cross walks.

- **Lighting:** Lighting spacing and locations would be according to need. Ensure light poles do not disrupt landscaping, driveway access, typical parking use, etc.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas. Parking areas may need to be regraded for better drainage accommodation as part of sidewalk in those areas.
- **Landscaping:** Minor disruption of existing shrubbery on north and south side. Design coordination/transparency with property owners is critical in these cases.
- **Utilities:** Design will avoid 3 existing light poles, given the (ROW) space.
- **Driveways:** Minor modifications may be needed within sidewalk construction areas and (ROW) to improve drainage filtration.
- **Mailboxes:** Relocate mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.
- **Miscellaneous:** Extended commercial parking areas will need special attention when designing sidewalk location. (grade, location, width) Moveable access gate on the south side will be noted for design and construction. McArthur High School zone on west end of segment.

4

LOCATION 4: TAYLOR STREET FROM 64TH AVENUE TO 62ND AVENUE

Existing Typical: West of TPKK - Approximately 870' corridor; East of TPKK - Approximately 185' corridor

1. **Typical section:** This section is divided by the Turnpike.
 - a. **West of TPKK:** 50' (ROW), 2-10' lanes undivided, intermittent sidewalks (colored pavement no bike lanes), approximately 900' of missing sidewalk.
 - b. **East of the TPK:** 50' (ROW), 2-12' lanes undivided, missing a 50' section of sidewalk on the SE intersection of Taylor Street and 62nd Ave. (Colored pavement), No bike lanes,
2. **Lighting:**
 - a. **West of TPKK:** 2 light poles, one on each side of the roadway.
 - b. **East of the TPKK:** one light pole at the western end of the segment.
3. **Driveways:**
 - a. **West of the TPKK:** Existing access to homes, with asphalt and concrete sidewalks, some colorized.
 - b. **East of the TPKK:** One driveway in the vicinity of the missing sidewalk segment.
4. **Landscaping:**

- a. **West of the TPKK:** Sporadic trees on the north and south side of the roadway.
- b. **East of the TPK:** Shrub hedge in conflict with new sidewalk.
- 5. **Utilities:** No existing underground utilities visible.
- 6. **Drainage:**
 - a. **West of the TPK:** Swale drainage, FEMA flood zone AH.
 - b. **East of the TPK:** Swale drainage, FEMA flood zone X/AH
- 7. **Transit: Both sides of TPK:** No transit connections in this segment. Bus route 07 has bus bays in the WB/EB directions on Hollywood/Pines Blvd.
- 8. **Miscellaneous:** Trash cans and mailboxes in proposed construction area, several colored concrete pavement driveways. McArthur High School zone on west end of segment.

- **Utilities:** No issues.
- **Driveways:** Do not construct new sidewalk through decorative/concrete driveways without careful consideration, justification and coordination with property owner.
- **Mailboxes:** Relocate mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use. McArthur High School zone on west end of segment.

5

LOCATION 5: FILMORE STREET FROM 64TH AVENUE TO 62ND AVENUE

Existing Typical: West of TPK - Approximately 870' corridor; East of TPK - Approximately 185' corridor

1. **Typical section:** This section is divided by the Turnpike.
 - a. **West of TPK:** 50' (ROW), 2-10' lanes undivided, intermittent sidewalks, No bike lanes, approximately 1600' of missing sidewalk including both sides. No connections to 64th or 63rd Ave.
 - b. **East of the TPK:** 2-11' lanes undivided, no missing sections of sidewalk, No bike lanes,
2. **Lighting:**
 - a. **West of TPK:** 2 light poles, one on each side of the roadway. .
 - b. **East of the TPK:** one light pole at the western end of the segment.
3. **Driveways:**
 - a. **West of the TPK:** Existing access to homes, church with asphalt and concrete materials. Sporadic trees on the north and south side of the roadway.
 - b. **East of the TPK:** Sidewalk on both sides. Shrub hedge in conflict with new sidewalk if placed at dead end section
4. **Utilities:** No existing underground utilities visible.
5. **Drainage:**
 - a. **West of the TPK:** Swale drainage, FEMA flood zone X/AH.
 - b. **East of the TPK:** Swale drainage, FEMA flood zone AH
6. **Transit:** No transit connections in this segment. Bus route 07 has bus bays in the WB/EB directions on Hollywood/Pines Blvd.
7. **Miscellaneous: Both sides of TPK:** Trash cans and mailboxes in construction area; McArthur High School zone on west end of segment.



CHALLENGES

- **West side of TPK:** Connection to 64th Ave., disruption



CHALLENGES

- **West side of TPK:** Connection to 64th and 63rd Ave., disruption of existing landscaping, with sidewalk construction, various driveway configurations and materials, parking in swales.
- **East side of TPK:** Shrubs, hedges will be impacted. Connection to the 62nd Ave, potential extension of sidewalk around back side of the dead-end street for continuity.



SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk for all missing segments on both sides of roadway.
 - ◊ Provide proper **sidewalk** connections with existing sidewalk on SW 64th , 63rd and 62nd Ave. Radius returns may need some manipulation.
 - ◊ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◊ For small missing sidewalk section on east side of TPK, provide 50' of missing sidewalk, Radius return modifications will be needed here. Provide marked cross walks at 64th, 63rd and 62nd Ave.
- **Lighting:** Not in scope but could provide increased operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas.
- **Landscaping:** Minimal tree/streetscape impacts on this segment.

of existing landscaping with sidewalk construction, various driveway configurations and materials, parking in swales, school zone accommodation, ensure church access remains the same or improved, round about at east end of the segment for garbage truck access.

- **East side of TPK:** No issues with current sidewalk configuration in the segment but a west end connection may be beneficial for continuity.

SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk for all missing segments on both sides of roadway.
 - ◊ Provide proper **sidewalk** connections with existing sidewalk on SW 64th Ave and 63rd Ave. Radius returns may need some modifications.
 - ◊ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◊ Provide marked crossing 64th and 63rd Ave.
- **Lighting:** Not in scope but could provide increased operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas.
- **Landscaping:** Minimal tree/streetscape impacts on this segment.
- **Utilities:** No issues
- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners. Existing 4' sidewalk at 63rd Ave should be replaced.
- **Mailboxes:** Relocate mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.

6 LOCATION 6: EATON STREET FROM 64TH AVENUE TO N 61ST AVENUE

Existing Typical: West of TPK - Approximately 870' corridor;
East of TPK - Approximately 185' corridor

1. **Typical section:** This section is divided by the Turnpike.
 - a. **West of TPK:** 50' (ROW), 2-10' lanes undivided, intermittent sidewalks, No bike lanes, approximately 1600' of missing sidewalk including both sides. Sidewalk connections to 64th, 63rd Ave and 62 Ave missing or need to be updated.
 - b. **East of the TPK:** 50' (ROW), 2-12' lanes undivided, one missing section of sidewalk, no bike lanes.
2. **Lighting:**
 - a. **West of TPK:** 2 joint use FPL power/light poles, both

on the north side of the roadway.

- b. **East of the TPK:** No lighting in this section.

3. Driveways:

- a. **West of the TPK:** Existing access to homes, mobile home park and RV area with asphalt, concrete and grass materials.
- b. **East of the TPK:** No driveway in the vicinity of the missing driveway segment.

4. Landscaping:

- a. **West of the TPK:** Sporadic trees on the north and south side of the roadway. However, Eaton Street loop at 61st Avenue has a well-established tree located on the inside area of the roadway at 61st Terr.
- b. **East of the TPK:** No landscaping will be impacted.

5. Utilities:

5. **Utilities:** No issues.

6. Drainage:

- a. **West of the TPK:** Swale drainage, FEMA flood zone X/AH.
- b. **East of the TPK:** Swale drainage, FEMA flood zone AH/AE.

7. Transit: Both sides of TPK:

No transit connections in this segment. Bus route 07 has bus bays in the WB/EB directions on Hollywood/Pines Blvd.

8. Miscellaneous:

McArthur High School at the west end on the segment.

CHALLENGES

- **West side of TPK:** Minor radius return damage evident due to turning vehicles at 64th, 63rd and 62nd Ave. Sidewalks on 64th set back from roadway. Cross walks missing at the intersections. Major tree impacts on Eaton and 61st Terrace.
- **East side of TPK:** Crosswalks missing, radius return connections non-standard. No dedicated turn around area at the west end.

SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk for the missing segments of the corridor.
 - ◊ Provide proper **sidewalk** connections with existing sidewalk on SW 64th, 63rd, 62 Ave, 61st terr and 61st Ave. Radius returns may need some improvements.
 - ◊ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◊ Provide marked crossing 64th, 63rd and 62nd Ave.

as needed.

- ◊ On 64th and 63rd Ave, bring sidewalks forward and create standard connections with Eaton Street.
- **Lighting:** Not in scope but could provide for operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas.
- **Landscaping:** Minimal tree/streetscape impacts on majority of this segment. However, major impacts on 61st Terr will require coordination and mitigation with community. Replace as needed.
- **Utilities:** No issues
- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners.
- **Mailboxes:** No impact on the East side of the TPK. on the West side of TPK, relocate the mailboxes to accommodate new sidewalk and improve USPS access while not impacting short term parking use.
- **Miscellaneous:** Verify with City maintenance about radius return damage at 64th, 63rd, and 62 Ave. due to tire tracking. Verify (ROW) encroachments (63rd and Eaton Street) with mobile home park structure and determine recommended action.

7 LOCATION 7: PIERCE STREET FROM 64TH AVENUE TO SR-7

**Existing Typical: West of TPK - Approximately 620' corridor;
East of TPK - Approximately 1270' corridor**

1. **Typical section:** This section is divided by the Turnpike.
 - a. **West of TPK:** 50' (ROW), 2-10' lanes undivided, intermittent sidewalks, No bike lanes, approximately 500' of missing side walk including both sides. Sidewalk connections at 64th, and 63rd Ave missing or need to be updated.
 - b. **East of the TPK:** 50' (ROW), 2-12' lanes undivided, missing multiple sections of sidewalk, no bike lanes. Sidewalk connections at 62nd and SR-7 missing or need to be updated.
2. **Lighting:**
 - a. **West of TPK:** 1 joint use FPL power/light pole on the north side of the roadway.
 - b. **East of the TPK:** 3 FPL light poles in this section.
3. **Driveways:**
 - a. **West of the TPK:** Existing access to residential and commercial in this segment with asphalt, concrete and grass materials. Closer to SR-7, commercial access and parking.

- b. **East of the TPK:** No driveway in the vicinity of the missing segment.

4. Landscaping:

- a. **West of the TPK:** No large trees appear to be in swale area.
- b. **East of the TPK:** Several large trees on the north side of the roadway in the swale area.

5. Utilities: No issues.

6. Drainage:

- a. **West of the TPK:** Swale drainage, FEMA flood zone AH, X.
- b. **East of the TPK:** Swale drainage, FEMA flood zone AH/AE.

7. Transit: Both sides of TPK: No transit connections in this segment. Bus route 07 has bus bays in the WB/EB directions on Hollywood/Pines Blvd.

8. Miscellaneous: Just south of this segment is McArthur High School at the west end on the segment.



CHALLENGES

- **West side of TPK:** Minor radius return damage evident due to turning vehicles at 64th, and 63rd Ave. Sidewalks on 64th Ave. set back from roadway. Cross walks missing at the intersections.
- **East side of TPK:** Sidewalks on 62nd Ave set back from roadway. Cross walks missing at the 62nd Ave, radius return connections missing or non-standard at 62nd Ave and SR-7 south side. Business parking in the commercial area where sidewalks would be located.



SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk for the missing segments of the corridor.
 - ◊ Provide proper **sidewalk** connections with existing sidewalk on SW 64th, and 63rd Ave, 62 Ave and SR-7. Radius returns may need some modifications.
 - ◊ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◊ Provide marked crossing 64th, 63rd and 62nd Ave. as needed.
 - ◊ On 64th and 62nd Ave, bring sidewalks forward and create standard connections with Pierce Street.
- **Lighting:** Not in scope but could provide operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas due to numerous driveways and parking areas.
- **Landscaping:** Minimal tree/streetscape impacts on

majority of this segment.

- **Utilities:** Light poles in the swale will have to be avoided or relocated.
- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners. Paver driveways and colored concrete driveways will need special attention.
- **Mailboxes:** Relocate the mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.
- **Miscellaneous:** Verify with City maintenance about radius return damage at 64th, 63rd, and 62 Ave. due to tire tracking. No apparent (ROW) encroachments, but a circular driveway in the western section will need special attention with homeowner input.

8 LOCATION 8: BUCHANAN STREET FROM 64TH AVENUE TO SR-7

Existing Typical: West of TPK - Approximately 925' corridor; East of TPK - Approximately 1470' corridor

1. **Typical section:** This section is divided by the Turnpike.
 - a. **West of TPK:** 50' (ROW), 2-10' lanes undivided, intermittent sidewalks, No bike lanes, approximately 1500' of missing sidewalk including both sides. Sidewalk connections at 64th, and 63rd Ave missing or need to be updated.
 - b. **East of the TPK:** 50' (ROW), 2-11' lanes undivided, missing multiple sections of sidewalk, no bike lanes. Sidewalk connections at 62nd and SR-7 missing or need to be updated.
2. **Lighting:**
 - a. **West of TPK:** Two FPL light pole, one on each side..
 - b. **East of the TPK:** Two FPL light poles and one joint use light pole in this section.
3. **Driveways:**
 - a. **West of the TPK:** Existing access to residential and commercial in this segment with asphalt, concrete and grass materials. Closer to SR-7, commercial access and parking. Many driveways in poor condition.
 - b. **East of the TPK:** Heavy foliage exists in the swales in front of many residences.
4. **Landscaping:**
 - a. **West of the TPK:** Large trees appear to be in swale area west of 63rd Ave, several residences have existing foliage in the swale area.
 - b. **East of the TPK:** Heavy foliage exists in the swales in front of many residences.
5. **Utilities:** Transmission lines at 63rd and 62nd Ave.
6. **Drainage:**
 - a. **West of the TPK:** Swale drainage, FEMA flood zone

X/AH.

- b. **East of the TPK:** Swale drainage, FEMA flood zone AH/X
7. **Transit:** Both sides of TPK: No transit connections in this segment. Bus route 07 has bus bays in the WB/EB directions on Hollywood/Pines Blvd.
 8. **Miscellaneous:** Parking at SR-7 (northside) potential sidewalk area.



CHALLENGES

- **West side of TPK:** Minor radius return damage evident due to turning vehicles at 64th, and 63rd Ave. Sidewalks on 64th and 63rd Ave. set back from roadway. Cross walks missing at the intersections. Decorative driveways within the swale areas will require more homeowner coordination. East end connection to trailer park may need special attention
- **East side of TPK:** West end sidewalk installation appears to have some (ROW) encroachments due to mobile homes. Sidewalks on 62nd Ave set back from roadway. Cross walks missing at the 62nd Ave, radius return connections missing or non-standard at 62nd Ave and SR-7 south side. Business parking in the commercial area (at SR-7) where sidewalks would be located. Landscape encroachments into swale area on the west end need to be addressed.



SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk for the missing segments of the corridor.
 - ◇ Provide proper **sidewalk** connections with existing sidewalk on SW 64th, and 63rd Ave, 62 Ave and SR-7. Radius returns may need some modifications.
 - ◇ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◇ Provide marked crossing 64th, 63rd and 62nd Ave. as needed.
 - ◇ On 64th and 62nd Ave, bring sidewalks forward and create standard connections with Pierce Street.
- **Lighting:** Not in scope but could provide operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas due to numerous driveways and parking areas.
- **Landscaping:** Major localized tree/streetscape impacts on some portions of each segment will need extensive coordination and mitigation with community for sidewalk installation.
- **Utilities:** Light poles in the swale will have to be avoided

or relocated.

- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners. Paver driveways and colored concrete driveways will need special attention.
- **Mailboxes:** Relocate the mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.
- **Miscellaneous:** Verify with City maintenance about radius return damage at 64th, 63rd, and 62 Ave. due to tire tracking. (ROW) encroachments with mobile homes on east segment, and several circular driveways in each section will need special attention with homeowner input.

9 LOCATION 9: LINCOLN STREET FROM 64TH AVENUE TO N 61ST AVENUE

Existing Typical: West of TPK - Approximately 915' corridor; East of TPK - Approximately 800' corridor

1. **Typical section:** This section is divided by the Turnpike.
 - a. **West of TPK:** 50' (ROW), 2-10' lanes undivided, intermittent sidewalks, No bike lanes, approximately 1500' of missing sidewalk including both sides. Sidewalk connections at 64th, and 63rd Av missing or need to be updated.
 - b. **East of the TPK:** 50' (ROW), 2-12' lanes undivided, missing multiple sections of sidewalk, No bike lanes. Sidewalk connections at 62nd and N 61st Ave missing or need to be updated. Connect to new development sidewalk on 61st Ave from Lincoln to Johnson Street (short section).
2. **Lighting:**
 - a. **West of TPK:** Two FPL light pole, on the north side, one east and one west of 63rd Ave.
 - b. **East of the TPK:** One FPL light pole on the south side in this section.
3. **Driveways:**
 - a. **West of the TPK:** Existing access to residential and commercial in this segment with asphalt, concrete and grass materials. Many driveways in poor condition.
 - b. **East of the TPK:** Existing access to residential and commercial in this segment with asphalt, concrete, and grass materials including colored concrete driveways.
4. **Landscaping:**
 - a. **West of the TPK:** Some small and large trees appear to be in swale area west of 63rd Ave, several residences have existing foliage in the swale area east of 63rd Ave.
 - b. **East of the TPK:** Large foliage areas in the swales in

front of several residences.

5. **Utilities:** Transmission lines at 63rd Ave.
6. **Drainage:**
 - a. **West of the TPK:** Swale drainage, **FEMA flood zone AH/X.**
 - b. **East of the TPK:** Swale drainage, **FEMA flood zone AH/AE.**
7. **Transit: Both sides of TPK:** No transit connections in this segment. Bus route 07 has bus bays in the WB/EB directions on Hollywood/Pines Blvd.
8. **Miscellaneous:** No other issues.



CHALLENGES

- **West side of TPK:** Minor radius return damage evident due to turning vehicles at 64th, and 63rd Ave. Sidewalks on 64th and 63rd Ave. set back from roadway. Cross walks missing at the intersections. Colored driveways within the swale areas require more homeowner coordination. Large Transmission pole on the NE corner of 63rd Ave. No pavement turnaround area on east end of segment.
- **East side of TPK:** West end sidewalk installation appears to have some (ROW) encroachments due to fencing. Sidewalks on 62nd Ave set back from roadway. Cross walks missing at the 62nd Ave, radius return connections missing or non-standard at 62nd Ave. Minor Landscape encroachments into swale area on the west end need to be addressed. Connect to N 61st Ave sidewalk for neighborhood connectivity with the apartment complex sidewalk.



SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk for the missing segments of the corridor.
 - ◇ Provide proper sidewalk connections with existing sidewalk on SW 64th, and 63rd Ave, 62nd Ave. Radius returns may need some modifications.
 - ◇ Add detectable warning on each side of roadway in accordance with the FDOT Standard Plans for RoadConstruction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◇ Provide marked crossing 64th, 63rd and 62nd Ave. as needed.
 - ◇ On 64th 63rd and 62nd Ave, bring sidewalks forward and create standard connections with Lincoln Street.
- **Lighting:** Not in scope but could provide operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas due to numerous driveways and parking areas.
- **Landscaping:** Major localized tree/streetscape impacts

on some portions of each segment will need extensive coordination and mitigation with community for sidewalk installation.

- **Utilities:** Light/Transmission poles in the swale will have to be avoided. Relocation not an option for transmission pole.
- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners. Concrete driveways and colored concrete driveways will need special attention.
- **Mailboxes:** Relocate the mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.
- **Miscellaneous:** Verify with City maintenance about radius return damage at 64th, 63rd, and 62 Ave. due to tire tracking. (ROW) encroachments with fencing on east segment, and several circular driveways in each section will need special attention with homeowner input.

10

LOCATION 10: N 63RD AVENUE FROM DUVAL STREET TO JOHNSON STREET

Existing Typical: Approximately 2130' corridor

1. Typical section:

- 50' (ROW), 2-12' lanes undivided, no sidewalks on east side, No bike lanes, approximately 2100' of missing sidewalk on the east side. Nine Side Street sidewalk connections missing or need to be updated.

2. Lighting:

- Multiple, joint use, FPL fixtures on the transmission line poles.

3. Driveways:

- Existing access to residential, commercial and church with asphalt, concrete, gravel and grass materials. Many driveways in poor condition.

4. Landscaping:

- Minor impacts/conflicts with landscaping.

5. Utilities:

Transmission lines running along west side of corridor until Filmore Street then cross over to the east side of the corridor.

6. Drainage:

Swale drainage, FEMA flood zone AH/X.

7. Transit:

No transit connections in this segment. Bus route 09/07 has bus bays in the WB/EB direction on Johnson Street and Hollywood/Pines Blvd respectively.

8. Miscellaneous:

Roadway maintenance issue (EOP drop off) north of Lincoln and Eaton Street.



CHALLENGES

Minor radius return damage evident due to turning vehicles at many of the side streets. Sidewalks on 63rd

Ave. set back from roadway. Cross walks missing at the all intersections. Transmission lines north of Filmore will need to be avoided. Coordination with businesses and Church for impacted sidewalks. Mailboxes could conflict with installation of the sidewalks.



SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk along the east side of N 63rd Ave.
 - ◇ Provide proper **sidewalk** connections with existing sidewalk on each of the side streets. Radius returns may need some modifications.
 - ◇ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◇ Provide marked crossing at each of the side streets as needed.
 - ◇ Potential to bring existing west side sidewalk forward at each intersection for improved visibility and crossing length.
- **Lighting:** Not in scope but could provide operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas due to numerous driveways and parking areas. Some roadway drop-off areas may need special attention.
- **Landscaping:** Minor tree/streetscape impacts on some portions of the sidewalk construction will need extensive coordination and mitigation with community.
- **Utilities:** Light/Transmission poles in the swale will have to be avoided. Relocation not an option for transmission pole.
- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners. Concrete driveways and circular driveways will need special attention.
- **Mailboxes:** Relocate the mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.
- **Miscellaneous:** Verify with City maintenance about radius return damage at any of the side streets due to tire tracking. Potential (ROW) encroachments of a large tree and Mobile homes north of Pierce Street will need more investigation and special attention.

11

LOCATION 11: N 61ST TERRACE FROM HOLLYWOOD BLVD TO EATON STREET

Existing Typical: Approximately 1500' corridor

1. Typical section:

- a. 50' (ROW), 2-10' lanes undivided, sporadic sidewalks on east and west side, no bike lanes, approximately 800' of missing sidewalk. One side street connection missing or need to be updated.
- 2. **Lighting:** Two standalone FPL light poles (HPS).
- 3. **Driveways:** Existing access to residential, and commercial in this segment with asphalt, concrete, gravel and grass materials. Many driveways in poor condition.
- 4. **Landscaping:** Minor impacts/conflicts with most of the landscaping.
- 5. **Utilities:** Transmission lines crossing roadway at south end of segment and at Filmore Street.
- 6. **Drainage:** Swale drainage, **FEMA flood zone AH/AE**.
- 7. **Transit:** No transit connections in this segment. Bus route 07 in the WB/EB directions on Hollywood/Pines Blvd.
- 8. **Miscellaneous:** Roadway maintenance issue (drop off) on the south end of the project.

CHALLENGES

Minor radius return damage evident due to turning vehicles at many of the side streets and driveways. Sidewalks on Filmore Street set back from roadway. Cross walks missing at Filmore Street. Coordination for sidewalk construction through the circular driveways, large parking areas, and business areas will be required.

SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk along the east side of N 61 Terrace.
 - ◇ Provide proper **sidewalk** connections with existing sidewalk on each of the side streets. Radius returns may need some modifications.
 - ◇ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◇ Provide marked crossing at Filmore side streets as needed.
 - ◇ Potential to bring existing west side sidewalk forward at Filmore Street intersection for improved visibility and crossing length.
- **Lighting:** Not in scope but could provide for operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas due to numerous driveways and parking areas. Some EOP roadway drop-off areas may need special attention. Standing water at the SE corner of Filmore Street will be evaluated for cost effective solutions.

- **Landscaping:** Minor tree/streetscape impacts on some portions of the sidewalk construction will need extensive coordination and mitigation with community, including 61st Terrace north of Filmore Street. Existing foliage will need attention in several locations as well.
- **Utilities:** Two light poles in the swale area will need to be avoided as a relocation option is not likely feasible. Wood and concrete utility poles at the NE corner of Filmore Street will be avoided if possible.
- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners. Concrete driveways and circular driveways will need special attention.
- **Mailboxes:** Relocate the mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.
- **Miscellaneous:** Verify with City maintenance about radius return damage at Filmore Street and some driveways due to tire tracking. Potential (ROW) encroachments of some heavy landscaping on the east side of the roadway north of Filmore Street will need special attention. Wood utility poles at NE corner of Filmore Street will create a challenge for sidewalk connection.

12 LOCATION 12: N 61ST AVENUE FROM HOLLYWOOD BLVD TO EATON STREET

Existing Typical: Approximately 1500' corridor

- 1. **Typical section:**
 - a. 50' (ROW), 2-11' lanes undivided, sporadic sidewalks on east and west side, No bike lanes, approximately 600' of missing sidewalk. Two Side Street connections missing or need to be updated.
- 2. **Lighting:** Two standalone FPL light poles (LED), one on each side of the roadway.
- 3. **Driveways:** Existing access to residential, and commercial in this segment with asphalt, concrete, gravel, pavers and grass materials. Many driveways in poor condition.
- 4. **Landscaping:** Minor impacts/conflicts with landscaping.
- 5. **Utilities:** Transmission lines crossing roadway at south of the segment and Filmore Street.
- 6. **Drainage:** Swale drainage, FEMA flood zone X.
- 7. **Transit:** No transit connections in this segment. Bus route 07 in the WB/EB directions on Hollywood/Pines Blvd.
- 8. **Miscellaneous:** Roadway maintenance issue (drop off) at several locations on this corridor.

CHALLENGES

Minor radius return damage evident due to turning vehicles

at many of the driveways. Sidewalks on Filmore Street set back from roadway. Cross walks missing at the Filmore Street. Coordination with businesses with sidewalk through the circular driveways, large parking areas, and business areas. Concrete/wood pole at NE corner of Filmore.

SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk along the east side of N 61st Ave.
 - ◊ Provide proper **sidewalk** connections with existing sidewalk on Filmore and Duval Streets. Radius returns may need some modifications.
 - ◊ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◊ Provide marked crossing at Filmore and Duval side streets as needed.
 - ◊ Potential to bring existing west side sidewalk forward at Filmore Street intersection for improved visibility and crossing length.
- **Lighting:** Not in scope but could provide operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas due to numerous driveways and parking areas. Some roadway drop-off areas may need special attention. Evidence of standing water at the SE corner of Fillmore Street will be evaluated for cost effective solutions.
- **Landscaping:** Minor tree/streetscape impacts on some portions of the sidewalk construction will need extensive coordination and mitigation with community. Existing foliage will need attention in several locations as well.
- **Utilities:** Two light poles in the swale will need to be avoided as a relocation option in not likely feasible. Wood and concrete utility poles at the NE corner of Filmore Street will be avoided for ADA connection if possible.
- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners. Concrete driveways and circular driveways will need special attention. Paver driveway adjacent to (ROW) will need to be documented for condition.
- **Mailboxes:** Relocate the mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.
- **Miscellaneous:** Verify with City maintenance about radius return damage at Filmore Street and some driveways due to tire tracking. Wood utility poles at NE corner of Filmore Street will create a design challenge for ADA sidewalk connection.

13 LOCATION 13: 60TH WAY FROM POLK ST TO EATON ST (350' NORTH & SOUTH OF FILMORE STREET)

Existing Typical: Approximately 700' corridor

1. **Typical section:**

- a. 50' (ROW), 2-11' lanes undivided, sporadic sidewalks on east and west side, No bike lanes, approximately 500' of missing sidewalk. Filmore Street connection.

2. **Lighting:** Two standalone FPL light poles (LED), one north and one south of Filmore Street, both on the south side of 60th Way.

3. **Driveways:** Existing access to residential, and commercial in this segment with asphalt, concrete, gravel and grass materials. Several driveways in poor condition.

4. **Landscaping:** Minor impacts/conflicts with landscaping.

5. **Utilities:** Transmission lines crossing roadway at North end of corridor and Filmore Street.

6. **Drainage:** Swale drainage, FEMA flood zone AE/AH.

7. **Transit:** No transit connections in this segment. Bus route 07 in the WB/EB direction on Hollywood/Pines Blvd.

8. **Miscellaneous:** Roadway maintenance issue (drop off) at several locations on this corridor.

CHALLENGES

Minor radius return damage evident due to turning vehicles at many of the driveways. Sidewalks on Filmore Street set back from roadway. Cross walks configuration will be redone to accommodate ADA compliance crossing N 60th Way. Coordination for sidewalk construction through the circular driveways, large parking areas, and business areas. Concrete/wood pole at NW corner of Filmore Street. Large tree just south of Filmore Street appears to be in sidewalk location. On the SE corner of Filmore Street, ADA ramp configuration very close to driveway.

SOLUTIONS

- **Sidewalk:** Provide 5' sidewalk along the Both sides of N 60th Way.
 - ◊ Provide proper **sidewalk** connections with existing sidewalk on Filmore Street. Radius returns may need some modifications.
 - ◊ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◊ Provide marked crossing at Filmore Street as needed.
 - ◊ Construction should include bringing existing sidewalk forward at Filmore Street intersection for

improved visibility and crossing length.

- ◊ Driveway at SE corner of Fillmore Street will be reconfigured to be delineate sidewalk ADA accessibility and the driveway location. This will require extensive coordination with property owner.
- **Lighting:** Not in scope but could provide operational and safety benefits if considered.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas due to numerous driveways and parking areas. Some roadway drop-off areas may need special attention. Evidence of standing water at the SE corner of Fillmore Street will be evaluated for cost effective solutions.
- **Landscaping:** Minor tree/streetscape impacts on some portions of the sidewalk construction will need extensive coordination and mitigation with community. For example, the well-established tree just south of Fillmore Street. Existing foliage will need attention in several locations as well.
- **Utilities:** Two light poles in the swale will need to be avoided as a relocation option is likely not feasible. Wood and concrete utility poles at the NE corner of Fillmore Street will be avoided for ADA connection if possible.
- **Driveways:** Sidewalks disrupting driveways will need to be coordinated with homeowners. Concrete driveways and circular driveways will need special attention.
- **Mailboxes:** Relocate the mailboxes to accommodate new sidewalk and improve USPS access without impacting short term parking use.
- **Miscellaneous:** Verify with City maintenance about radius return damage at some driveways due to tire tracking.

14

LOCATION 14: 60TH TERRACE FROM FILLMORE STREET TO EATON STREET

Existing Typical: Approximately 2100' corridor

1. **Typical section:** 50' (ROW) with 2- 11' lanes undivided, no sidewalks or shoulders, no bike lanes.
2. **Lighting:** 6 joint use light polls on east side; 2 joint use light poles on east side, 2 on the west between 20th Street and 20th Court. One standalone light pole at the south end of the segment on the east side of the roadway.
3. **Utility:** Low-hanging powerlines at north end of project, could interfere with MOT or construction equipment. Powerlines on the east side of the segment south of SW 21st Street.
4. **Drainage:** swale/closed system drainage, FEMA flood zone AH/X.
5. **Driveways:** Existing paver and concrete driveways

connect to the street in most cases.



CHALLENGES

Existing powerlines on east side of segment from 21st to 25th Street, minor existing trees/landscaping, existing mailboxes, existing concrete/paver driveways, closed system drainage system and swale drainage throughout this segment, low powerlines on north end could be construction access issue.



SOLUTIONS

- **Sidewalk:** Provide 5' preferred sidewalk on each side of roadway. Ensure connection to all side streets on the west side. Provide connections to existing sidewalk on north and south ends of segment (SW 19th and SW 25th Street).
 - ◊ Add **detectable warning** on each side of roadway in accordance with the FDOT Standard Plans for Road Construction, Index No. 522 and ADA Standards for Transportation Facilities, Section R208 and 305.
 - ◊ Investigate condition of small existing sidewalk section south of 23rd Street on the east side. Preliminary recommendation would be to replace.
- **Lighting:** Lighting spacing and locations would be according to need. Ensure light poles do not disrupt landscaping, driveway access, typical parking use, etc. If placed on the north side some disruption to existing sidewalk may occur. Avoid power poles.
- **Drainage:** Regrade swales to offset impervious sidewalk areas. Exfiltration trench may be necessary in some areas. Avoid existing drainage inlets where possible, relocation and regrading a last resort option.
- **Landscaping:** Several significant tree/landscaping impacts on this segment. Root avoidance will be emphasized. Permeable pavement or porous sidewalk options.
- **Utilities:** With adequate (ROW), avoid the existing power lines including 8 Existing joint use light poles on the east and west side at, or near, the (ROW) line. Verify low hanging power line height and provide relocation/de-energizing plan if needed.
- **Mailboxes:** Relocate mailboxes to accommodate new sidewalk and improve USPS access.
- **Signage:** Relocate signage which conflicts with sidewalk construction

APPROACH TO ELEMENTS COMMON TO ALL LOCATIONS

TEMPORARY TRAFFIC CONTROL PLAN (TTCP): Minimizing construction impacts is one of the keys to successful project management. Our team will work closely with the City to ensure a safe and efficient Work Zone plan. The TTCP

will provide continuous access for emergency vehicles, pedestrians, and bicyclists, as well as, residential and commercial driveways.



- **Lane closures/Disruptions:** Given the local context of the roadway segments, if a temporary lane closure is necessary, adequate notification and access will be provided to all impacted residents. School zone impacts either directly or indirectly will be coordinated with the appropriate agencies. We will coordinate closely with the City about local community events, noise ordinances, storm evacuation policies, restrictive neighborhood work times, etc., which may warrant special consideration during construction.
- **Public Involvement Process:** Construction work can and will be disruptive to residents and every effort should be made to communicate when, where and how it will take place. Design phase commitments will be documented and passed on to construction project manager to ensure seamless, consistent effort. All work zone phasing, closures, etc. will be part of the Public Involvement process and provide the transparency the local communities expect with any construction project. In recent years, virtual meetings have been part of the overall communication process and our Team is well equipped to handle this effort including website updates, City meeting access and direct community interaction.
- **Special details:** Numerous homeowners within the 14 roadway segments have constructed decorative paver/concrete driveways. This treatment will require special attention in the plans as well as individual coordination with the homeowner. The intent for this project is to avoid these decorative driveways if possible. Each location will be analyzed and options discussed with the homeowner based on driveway design, condition, and cost to cure.

LANDSCAPING: Understanding the City' and residents' emphasis on tree canopy and green space, existing large trees that could potentially be impacted by the sidewalk/lighting construction will require a landscape analysis to ensure construction impacts do not affect the survivability of the trees. Severed roots can be the result from grade changes, new construction or trenching, and sidewalk construction. This type of damage has few remedies. Severing roots reduces water and nutrient uptake, eliminates stored energy, and may compromise the stability of the tree. Sometimes it is possible to remedy the situation, but it is always better and more economical to prevent damage than to remedy it. Here is a short list of prevention activities to consider: (Solutions will be based on tree age, survivability, condition, and type of impact.)



1. **Plan:** Our Team will formulate a landscape plan. Select which trees can be saved and which trees may be impacted by construction. Focus on saving islands of trees rather than individuals when possible. Develop tree plan details and go over those plans with contractors/workers and residents. Control temporary traffic patterns by fencing off areas to be protected. Post signs that say "Off limits." Water trees regularly before, during and after construction activities. Visit the construction site and monitor for signs of tree damage.
2. **Avoidance:** Design should first and foremost avoid tree impacts if possible. If trees are impacted, avoid large equipment usage which may rip up neighboring tree roots.
3. **Roots:** Our Team will avoid trenching inside the dripline by going around the tree rather than under it. When avoiding trees, we could recommend porous paving materials such porous asphalt and pervious concrete rather than concrete or asphalt. Do not raise the grade more than a few inches inside the dripline. Avoid lowering

the grade more than two inches inside the dripline. We will include notes about construction practices such as never pile soil or construction materials inside the dripline, even temporarily. We will design sidewalks as to not effect root growth by “boxing” in an average sized tree.

4. **Monitor:** Monitor for damage and take remedial actions. Use proper pruning techniques to remove dead and dying branches.

SIGNING AND PAVEMENT MARKING: Our team will follow the signing and marking standards related to sidewalk design as per **FGB Chapter 18** as well as the **MUTCD Chapter 3**. Crosswalk markings may be an issue in locations where the east-west sidewalks connect to existing sidewalks across side streets intersections within the Gracewood neighborhood. Intersection traffic control signage may be impacted by the sidewalk construction and will be replaced/upgraded per the MUTCD and FGB.



DRAINAGE: As our drainage experts, CMA has a long track record of providing planning and engineering solutions that help assess and mitigate existing flooding conditions within municipalities throughout South Florida.

The 14 distinct segments will be improved as part of the Broward MPO 2017 Complete Streets and other Localized Initiatives Program. A Drainage Analysis within for each project segment will be performed and drainage structures in conflict with proposed ADA ramp landings and sidewalks or lighting will be relocated or modified based on local conditions. Also, any locations with ponding will be reviewed and mitigated. The existing drainage system throughout this area is a mixture of ditch bottom inlets and swale sections. When the new sidewalk is designed, pre vs post conditions will be analyzed, and swales, inlets and/or exfiltration trench may be introduced accordingly. At the existing radius returns

with no curb & gutter, and at large paved driveways, rutting and ponding was evident, and the pavement in many places needed repairs. Minor reconstruction and swale regrading to direct the drainage from the curb ramp landing is one approach for this project.

As a “local” roadway, we will use criteria based on the **Florida Greenbook, FDOT Drainage Manual, and City of Hollywood Engineering Standards**. Permitting and project documentation will be submitted at every phase. During construction, the team will assist the City with RFIs, Shop Drawings and field visits until Substantial Completion.

DESIGN SURVEY: In order to maintain an accurate schedule, field crews will start collecting data within 7 days of NTPK. LiDAR scanning is not anticipated to be needed due to the location of the project segments within local roadways with very low volumes. Survey control points will be set throughout the corridor at 500’ intervals and will be tied into Published National Geodetic Survey (NGS) Control. The (ROW) will be calculated based on recorded (ROW) maps, plats, and deeds. Any discrepancies will be reported immediately to the Engineer of Record for determination and possible request for supplemental information. Survey Topographic data will be extracted and used to build an accurate Digital Terrain Model (DTM).

The QA/QC plan requires that DTM’s are checked by cutting cross sections at regular intervals throughout the project so that erroneous “spikes” in elevations will be found and corrected before being exported.

Subsurface Utilities may be required to be identified and included in the survey. We would begin with a design ticket to identify utility owners throughout the various project segments as well as request any plans or maps, they may provide. Subsurface Utility Engineering (SUE) crews will review the plans and designate the underground lines utilizing Ground Penetrating Radar (GPR) and Electromagnetic (EM) methodology if needed. If it is determined that there may be potential conflicts, Vacuum Verification Holes (VVH’s) or Soft-Digs will be performed. All locations will have the utility depth, size, material, and owner (if known) identified and included in the Design Survey.

GEOTECHNICAL: GEOSOL’s approach will include the following steps: project initiation, collection of all existing data, identification of allocation of resources, field reconnaissance necessary to perform the services, construction monitoring and reporting. We will also review our in-house foundation testing database for existing information in the project area detailed scope of services will be prepared and submitted to

the **Armando Aquiar, PE /Project Manager (PM)** identifying in detail all the geotechnical services, anticipated schedule and delivery milestones for the PM's review and approval.



The services will comply with the latest **Florida Green Book, AASHTO and FDOT manuals**, procedures, and memorandums in effect at the date of contract execution unless otherwise directed by The City. All required materials testing will be performed by certified laboratories and experienced personnel.

As field & laboratory testing is conducted, results will be reviewed by a geotechnical engineer in the office daily to check for accuracy and completeness. Once the field-testing data has been processed, the Geotechnical Engineer of Record will review the data using quality control (QC) procedures along with QC checklists for compliance with scope documents and TWO expectations.

QC procedures are an integral part of this contract. GEOSOL has strong policies on quality, employee workmanship, and error prevention for preparation of geotechnical documents. We will prepare design documents that are quality enhanced, free of errors, complete with accurate data, meet all applicable standards and criteria, and are completely suitable for construction. To fulfill this goal, GEOSOL intends to follow the procedures outlined in the FDOT's FPM as well as through GEOSOL's complete QC process, which includes a QC checking, back-checking, verification procedure, internal QC reviews, & QA reviews of all work and documents. Every report will have an FHWA Checklist.

ENVIRONMENTAL & LOCAL AGENCY PROGRAM (LAP): Due to the requirements of the Local Agency Program (LAP) environmental and cultural review is required. We have partnered with **CECOS** to perform the environmental related tasks required for this contract. Our staff has vast knowledge and experience with LAP projects. Most of our staff are former FDOT District 4 employees who are extremely familiar with the Federal process and requirements. Per the LAP manual, as a Federally Funded Project, LAP projects

should follow the processes and documentation methods outlined in Part 1 Chapter 4, Section 4.2.2 of the PD&E Manual to the extent practicable. Environmental evaluations are required for all projects to comply with Federal and State laws and Department policy. The level of assessment and documentation depends on the nature of the project, the potential for impacts, and the level of Department involvement. Many LAP projects are determined by the Department to be a **Type 1 Categorical Exclusion (CE) or Programmatic Categorical Exclusion** in accordance with the Part 1, Chapter 2 of the PD&E Manual, but this process will be confirmed early in the design process to determine Project Class of Action (COA).

If or when project commitments are identified for a LAP project by either the MARLIN staff, City and/or Department staff (i.e., project engineer, project manager, Environmental Office), a Project Commitments Record (PCR) Form must be generated and provided to the City and District LAP Administrator for the project file. The PCR Form is generated in PSEE. The PCR must be included in the City's construction and CEI contracts.

The project lies within the **SFWMD** regional and **South Broward Drainage District (SBDD)** local jurisdictions. Due to the nature of the improvements, impacts on protected species, habitats and wetlands are not anticipated but will need to be coordinated with the appropriate regulatory agencies. Protected species are known to occur in the area, including but not limited to, Florida Bonneted bat, Wood Stork, and Eastern Indigo Snake. Field visits documenting all natural resources within the project limits will occur and the LAP environmental desktop and field review checklist will be implemented. We will work closely with the FDOT to ensure coordination includes all appropriate agencies including FDEP, Florida Fish and Wildlife Conservation Commission, and US Fish and Wildlife Services. We will follow the LAP environmental documentation process thoroughly to prevent any delays and to determine the categorical exclusions, whether programmatic or Type 1. A Permit Determination Memo will be prepared including all protected species wildlife effect determinations and environmental resource license permitting exemptions.

Our Team will also perform a site visit to verify the presence and extent of protected resources within and adjacent to the project site. This site visit will include an upland tree inventory per City of Hollywood guidelines. Trees will be inventoried using sub-meter GPS equipment. Our Team's environmental scientists will then work directly with the engineering team to identify conceptual design options to avoid/minimize protected resource impacts and to identify

viable mitigation options (if necessary). The early evaluation of protected resources, and the internal collaboration between staff, will result in a more environmentally sound design and will also streamline the permitting process.

We will prepare and submit the required environmental permit applications, which may include the following:

- **South Florida Water Management District (SFWMD) Environmental Resources Permits/Mods (ERP)** – for drainage modifications or added impervious areas.
- **Florida Department of Environmental Protection (FDEP) National Pollution Discharge Elimination System (NPDES) Stormwater Construction Generic Permit** – for soil disturbance and sediment/erosion controls required in association with soil disturbance.
- **City of Hollywood Tree Work Permit**

We will conduct pre-application meetings with the regulatory agencies to resolve potential issues prior to submittal of the permit applications, which in turn should streamline the review processes and timeframes. As the project is federally funded, the project must comply with National Environmental Policy Act (NEPA) requirements. As such, our Team will prepare a Natural Resource Evaluation Technical Memorandum for the project in accordance with NEPA guidelines.

ENVIRONMENTAL CONTAMINATION / ASSESSMENTS: Our team will investigate the project's immediate area for potential environmental concerns that would require permitting, directly impact design and/or construction, or negatively impact the project cost or schedule. We understand that any work being conducted in a contaminated area must comply with the applicable requirements of the Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA), and FDEP. All construction activities – including dewatering and disposal of any contaminated materials- will be conducted in accordance with current regulatory policies, procedures, and specifications.

CULTURAL RESOURCES: Chronicle Heritage will be conducting a review of the Florida Master Site File (FMSF), Broward County Property Appraiser data, historical and modern cemetery records, and FDOT's Environmental Screening Tool (EST). We will investigate any previously recorded resource groups identified in the project area. Additionally, with there are more than 100 parcels adjacent to the project corridors with historical build dates ranging from 1947 to 1973. We will conduct a cultural resource assessment survey (CRAS) in accordance with FDOT's PD&E Manual and CRM Handbook and DHR's Module 3 Guidelines. We will develop an Area of Potential Effect (APE) that is appropriate for the

scale and nature of the undertaking, and will identify and record historical resources with the APE. Each resource will be evaluated for listing on the National Register of Historic Places (NRHP), and project effects to NRHP-eligible resources will be assessed. These efforts will be documented in a CRAS Report that will be submitted to DHR/SHPO.

With all our construction activities within existing roadway (ROW), our Team does not anticipate any 4(f) issues. However, as the project is proposing construction of sidewalks and possibly pedestrian lighting, among other activities, we propose reliance on Section 4(f) Enhancement Exemptions for recreational/places of worship facilities based on the justification that the sidewalk/lighting enhances public access to the surrounding neighborhoods. We will document each resource in FDOT's Section 4(f) Tool in SWEPT and will conduct appropriate coordination with Officials with Jurisdiction (OWJ) over each resource. Provided the resources can remain accessible throughout project construction, we do not anticipate a 4(f) involvement that rises above a de minimis approval.

FIRM WORKLOAD, FACILITIES, & TECHNOLOGICAL CAPABILITIES

MARLIN Engineering is well-positioned to support the City of Hollywood under RFQ 354-26-WV, offering a comprehensive suite of facilities, advanced technologies, and specialized resources tailored for transportation and infrastructure projects. **Headquartered in South Florida** with multiple regional offices, MARLIN maintains fully equipped workspaces that support planning, design, surveying, and construction management functions. Their proximity to the City of Hollywood ensures rapid response times and familiarity with local conditions and regulatory requirements.

Technologically, MARLIN leverages state-of-the-art tools including GIS mapping, traffic modeling software, Building Information Modeling (BIM), and mobile data collection platforms to enhance accuracy, collaboration, and efficiency throughout the project lifecycle. Their cloud-based project management systems further streamline communication and coordination among stakeholders. MARLIN's multidisciplinary team includes experts in roadway design, multimodal planning, transit logistics, and surveying, supported by advanced equipment such as LiDAR scanners and drone technology. This blend of local presence, technical depth, and community-focused engagement makes MARLIN Engineering a strong partner for delivering innovative, safe, and accessible infrastructure solutions aligned with the City's vision.

As a multidisciplinary civil engineering firm, MARLIN maintains a diverse workload of transportation design projects, including traffic engineering, transportation planning, survey and mapping, ped safety and others. Our team believes that project success begins with early planning, careful definition of the job requirements, the development of a detailed scope of services, and ensuring all team members are keenly aware of the tasks at hand and the associated schedule and budget. This well-defined process will allow MARLIN to provide cost-effective, creative sidewalks, ADA ramps at street intersections and associated signing, pavement marking or channelization necessary for each location within the Gracewood neighborhood.

MARLIN takes pride in its reputation for completing projects on time. This is accomplished with dedicated staff utilizing our staff schedule planning calculator based on projected workloads. Many organizations have difficulty defining staffing requirements, but MARLIN’s planning method and employee-centric environment has enabled us to preserve consistent staffing numbers to respond to our client’s needs and requests. This staffing method has allowed us to determine the number of productive hours for each staff member, calculate the number of hours required to address projected workloads and allocate the optimal number of appropriate staff necessary to complete each project.

The team members shown in the organizational chart were selected based on their hands-on experience with similar projects and their availability to assume major technical responsibilities to meet the contract schedule. In addition, we have redundant staff with the technical expertise available to assist, as needed, to ensure the timely completion of any assignment under this contract. With MARLIN, you get an experienced team that is committed and available to complete this challenging project with the comfort of knowing we have the appropriate backup personnel to deal with any unforeseen circumstances.

MARLIN personnel currently have excess capacity in their workloads and are ready to provide personalized service and attention to this exciting project on behalf of the Gracewood neighborhood and the City of Hollywood.



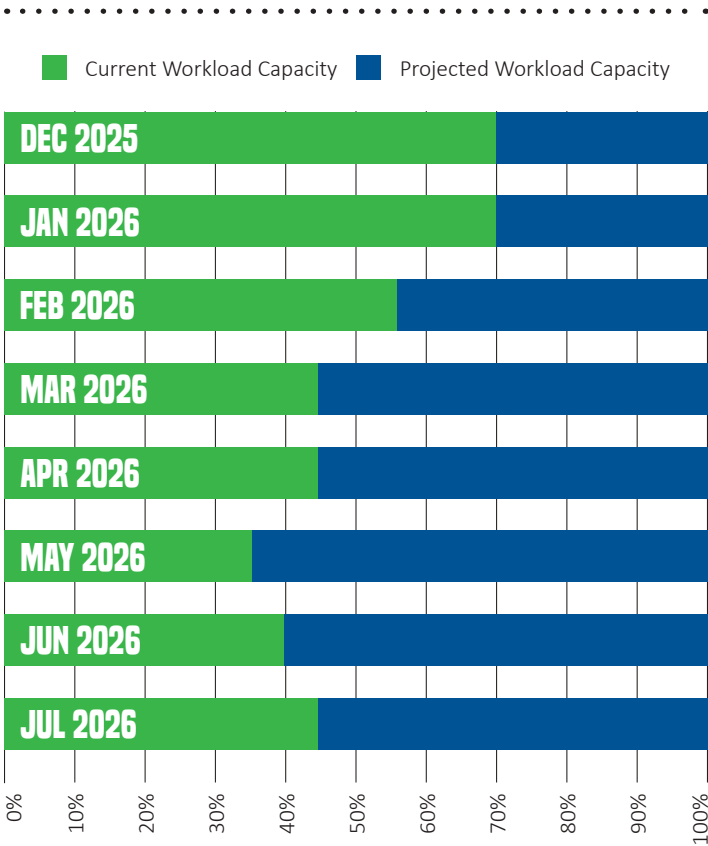
We are 100% COMMITTED to serving Martin County! Armando Aguiar, PE, MARLIN’s Project Manager, will be the single point of contact & available 24/7.



Assigned teams will balance project related needs and technical requirements leading to cost-effective team management, realistic schedules and high quality products.



Our sub-consultants are fully committed to providing local expertise, staffing resources and added capacity when needed.



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REFERENCES

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV

Reference for: Marlin Engineering, Inc.

Organization/Firm Name providing reference:

City of Miramar

Organization/Firm Contact

Name:

DuSean Grant, P.E

Email:

dgrant@miramarfl.gov

Name of Referenced Project:

Professional Design Services for Miramar Complete Streets Phase III

Date Services were provided:

2024

Referenced Vendor's role in Project:

☒ Prime Vendor

Would you use the Vendor again?

☒ Yes

Title:

Sr. Project Manager

Phone:

954-602-3318

Contract No:

Project

Amount:

\$455,810.72 - Design / \$2,889,709 Construction

☐

Subcontractor/
Subconsultant

☐

No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):

Roadway Complete Streets Drainage + Lighting S&PM

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	☐	☐	☒	☐
b. Accuracy	☐	☐	☒	☐
c. Deliverables	☐	☐	☒	☐
Vendor's Organization:				
a. Staff expertise	☐	☐	☒	☐
b. Professionalism	☐	☐	☒	☐
c. Staff turnover	☐	☐	☒	☐
Timeliness/Cost Control of:				
a. Project	☐	☐	☒	☐
b. Deliverables	☐	☐	☒	☐

Additional Comments (provide additional sheet if necessary):

******THIS SECTION FOR CITY USE ONLY******

Verified via:	Email:	☐	Verbal:	☐	Mail:	☐
Verified by:	Name:				Title:	
	Department:				Date:	

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV

Reference for: Marlin Engineering, Inc.

Organization/Firm Name providing reference:

City of Doral

Organization/Firm Contact

Name:

Darlin Perez

Title:

Chief Engineering

Email:

Darlin.Perez@cityofdoral.com

Phone:

305-593-6740

Name of Referenced Project:

Professional Consulting Services for the Citywide Sidewalk Improvements Project Phase 3

Contract No:

RFQ- 2020-22

Date Services were provided:

2023- ongoing

Project

Amount: \$100,297.00

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):

The project will consist of the new construction of sidewalks at the locations and limits, NW 21st St from NW 107th Ave to NW 102 Ave (Southside), NW 27th St from NW 87 Ave to NW 87 Ct (Southside), NW 27th St from NW 109 Ave to NW 112 Ave (Northside), NW 29th St from NW 109 Ave to NW 112 Ave - (Northside), NW 114 Ave from NW 34 St to NW 39th St – (Westside), NW 34th St from NW 114 Ave to approximately 490ft to the east – (Northside)

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	☐	☐	☒	☐
b. Accuracy	☐	☐	☒	☐
c. Deliverables	☐	☐	☒	☐
Vendor's Organization:				
a. Staff expertise	☐	☐	☒	☐
b. Professionalism	☐	☐	☒	☐
c. Staff turnover	☐	☐	☒	☐
Timeliness/Cost Control of:				
a. Project	☐	☐	☒	☐
b. Deliverables	☐	☐	☒	☐

Additional Comments (provide additional sheet if necessary):

Proactive, qualified staff.

****THIS SECTION FOR CITY USE ONLY****

Verified via:	Email:	☒	Verbal:	☐	Mail:	☐
Verified by:	Name:	Darlin Perez, P.E.			Title:	Chief of Engineering
	Department:	Public Works			Date:	11/05/2025

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV

Reference for: Marlin Engineering, Inc.

Organization/Firm Name providing reference:

County of Broward

Organization/Firm Contact

Name:

Mohammad Pervez, P.E.

Email:

mpervez@broward.org

Name of Referenced Project:

Consulting Services for W. Hillsboro Blvd Bike Lanes & Lighting Improvements

Date Services were provided:

start in 2022 under construction 2025

Title:

Engineer Unit Supervisor-Highway Construction Engineering Division

Phone:

954-577-4559

Contract No:

RFP- TRN2122239PL

Project

Amount:

\$784,783.45/\$6,865,748.04

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):

The project includes roadway widening for a bike lane, traffic circle construction at Mecca Blvd./NW 64th Terrace, sidewalk replacement, swale re-grading, street lighting installation, and full roadway milling and resurfacing.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	☐	☐	☒	☐
b. Accuracy	☐	☐	☒	☐
c. Deliverables	☐	☐	☒	☐
Vendor's Organization:				
a. Staff expertise	☐	☐	☒	☐
b. Professionalism	☐	☐	☒	☐
c. Staff turnover	☐	☐	☒	☐
Timeliness/Cost Control of:				
a. Project	☐	☐	☒	☐
b. Deliverables	☐	☒	☐	☐

Additional Comments (provide additional sheet if necessary):

****THIS SECTION FOR CITY USE ONLY****

Verified via:	Email:	☐	Verbal:	☐	Mail:	☐
Verified by:	Name:				Title:	
	Department:				Date:	

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV

Reference for: Marlin Engineering, Inc.

Organization/Firm Name providing reference:

Town of Miami Lakes

Organization/Firm Contact

Name:

Omar Santos Baez

Email:

santoso@miamilakes-fl.gov

Name of Referenced Project:

NW 146 Street Reconstruction project

Date Services were provided:

Contruction to be completed in 2025

Title:

Director of Public Works

Phone: 305-364-6100

Contract No:

Project

Amount: \$901,382

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):

Lane repurposing of NW 146 St from NW 89th Ave to NW 87th Ave.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	☐	☐	☒	☐
b. Accuracy	☐	☐	☒	☐
c. Deliverables	☐	☐	☒	☐
Vendor's Organization:				
a. Staff expertise	☐	☐	☒	☐
b. Professionalism	☐	☐	☒	☐
c. Staff turnover	☐	☐	☐	☒
Timeliness/Cost Control of:				
a. Project	☐	☐	☒	☐
b. Deliverables	☐	☐	☒	☐

Additional Comments (provide additional sheet if necessary):

****THIS SECTION FOR CITY USE ONLY****

Verified via:	Email:	☐	Verbal:	☐	Mail:	☐
Verified by:	Name:				Title:	
	Department:				Date:	

G



M

**FINANCIAL
RESOURCES**

G FINANCIAL RESOURCES

MARLIN is a well-established Florida-based firm with over 34 years of continuous operation. We are proud to maintain local offices that create and support jobs in the communities we serve, including locations in Fort Lauderdale (Broward County), Palmetto Bay and Miami (Miami-Dade County), Orlando (Orange County), Central Florida, and Tallahassee (Leon County). MARLIN possesses the experience, expertise, and financial stability necessary to successfully support the City of Hollywood in accordance with the Request for Proposal RFQ-353-26-WV, Various Locations / Gracewood Neighborhood LAP Project. The company has never filed for bankruptcy and remains financially strong and vibrant. Supporting documentation can be provided to the City upon request.





H



M

**LEGAL PROCEEDINGS
& PERFORMANCE**



November 13, 2025

City of Hollywood Evaluation Committee
Department Design and Construction Management
Attention: Ms. Victoria Ulysse, Assistant Project Manager
2207 Raleigh Street
Hollywood, FL 33020

RE: Request for Qualifications RFQ-354-26-WV Various Locations / Gracewood Neighborhood LAP Project

Dear Ms. Ulysse and Members of the Selection Committee:

MARLIN has not paid liquidated damages or been terminated for default. As stated in the Request for Proposal RFQ-354-26-WV, page 28-29. In the last five years, MARLIN has not had any legal proceedings against our firm.

1. There were no arbitration demands filed by MARLIN or against our firm for any amount dispute by any party.
2. **2024 Professional Liability Claim:** Marlin provided bridge inspection services for a client. After an incident in which a bicyclist fell off his bicycle on a bridge individual initiated legal action against several parties involved in the bridge's design, construction, maintenance, etc. The matter was resolved through settlement in 2025, and the settlement amount is unknown.
3. MARLIN has not had any lawsuits filed by or against our firm.
4. There has not been any other proceedings or hearings initiated by the National Labor Relations Board or similar state agency concerning labor practices, or by the Occupational Safety and Health Administration concerning project safety practices.
5. MARLIN has not had any bankruptcies or bankruptcy petitions filed voluntarily or involuntarily.
6. MARLIN has not had any contracts terminated for any reason.
7. MARLIN has not used bonding money to complete any project or pay subconsultants or suppliers.

MARLIN brings ethical and professional business practices and a team of expert professionals with institutional knowledge, stability, and dedication to deliver responsive, world-class service to the City of Hollywood.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ramon Soria", with a stylized flourish.

MARLIN Engineering, Inc.
Ramon Soria, PE – President-CEO



Legal Proceedings and Performance

Cyriacks Environmental Consulting Services, Inc. ("CECOS") hereby affirms and certifies the following:

- **Arbitrations:** No arbitration demands have been filed by or against CECOS within the past five (5) years.
- **Lawsuits:** No lawsuits have been filed by or against CECOS within the past five (5) years.
- **Other Proceedings:** CECOS further affirms that there have been no other lawsuits, administrative proceedings, or hearings initiated by the National Labor Relations Board or any comparable state agency within the past five (5) years concerning any labor practices involving CECOS.
- **Bankruptcies:** CECOS has never had a bankruptcy petition filed in its name, either voluntarily or involuntarily.
- **Performance:** CECOS has never had a contract terminated for cause and has never required the use of bonding funds to complete a project or to pay a subconsultant or supplier.

This statement is made to the best of the company's knowledge and belief and is true and accurate as of the date below.


Wendy Cyriacks, President
Cyriacks Environmental Consulting Services, Inc.

10/22/2025
Date

500 West Cypress Creek Road, Suite 600
Fort Lauderdale, FL 33309
Office: +1 (954) 730 0707



November 3, 2025

Marlin Engineering, Inc.
3363 W Commercial Blvd STE 115
Fort Lauderdale, FL 33309

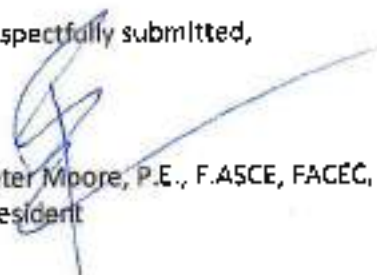
Re: Legal Proceedings and Performance

To Whom It May Concern,

Chen Moore and Associates, Inc. (CMA) has not paid liquidated damages and/or has not been terminated for default. CMA also has not had any litigation in the last five years.

Should you have any questions, please do not hesitate to contact me at my office at +1 (954) 730-0707 Ext. 1002, or send me an electronic message at pmoore@chenmoore.com.

Respectfully submitted,



Peter Moore, P.E., F.ASCE, FACEC, F.FES
President

Date: October 24, 2025

To Whom It May Concern:

Subject: Legal Proceedings and Performance Disclosure

Chronicle Heritage submits this statement in accordance with Item 10 of the Required Documents Checklist for the City of Hollywood RFQ 354-26-WV (Gracewood Neighborhood LAP Project).

Chronicle Heritage has not paid liquidated damages, has not been terminated for default, and has not been involved in any arbitrations, lawsuits, administrative proceedings, or other legal actions (excluding routine labor or personal injury matters) during the past five years.

Chronicle Heritage maintains a strong record of contract performance and professional conduct across all business units.

Sincerely,

A handwritten signature in black ink that reads "Mel Gordon". The signature is written in a cursive, slightly slanted style.

Mel Gordon
Chief Executive Officer
Chronicle Heritage
mgordon@chronicleheritage.com
530-304-8165

October 21, 2025

Re: No Legal Proceedings Statement
Request for qualification RFQ- 354-26-WV
Various locations / Gracewood neighborhood lap project
Professional Engineering Design Services For The
City of Hollywood, FL

To Whom it may Concern

As of today, **GEOSOL, Inc.** represents and warrants has not paid any liquidated damages and was not terminated for default. Geosol, Inc. has not had any Arbitrations, Lawsuits, Other Proceedings, Hearings, or actions initiated by the National Labor Relations Board or similar state agency concerning any labor practices or Bankruptcy filings by or against our company in the last five years. Geosol has not had a contract to which we were a party that another party terminated. Geosol, Inc. has not had to use bonding money to complete a project or pay a subconsultant or supplier.

If you have any questions, please do not hesitate to contact us.

Sincerely,
GEOSOL, INC.



Oracio Riccobono, P.E.
Chief Geotechnical Engineer
President



5795-A N.W. 151st Street
Miami Lakes, FL 33014
Phone (305) 828-4367; Fax (305) 828-4235
E-mail: geosolusa@bellsouth.net



**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.



SIGNATURE

Ramon Soria, President-CEO

PRINTED NAME

Marlin Engineering, Inc.

NAME OF COMPANY

RFQ Number: RFQ-354-26-WV

Title: Professional Engineering Design for
Various Locations / Gracewood Neighborhood
LAP Project

NON-COLLUSION AFFIDAVIT

STATE OF: Florida

COUNTY OF: Broward, being first duly sworn, deposes and says that:

- (1) He/she is Ramon Soria of Marlin Engineering, 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-CEO

Title

Subscribed and sworn to before me this

5th day of November, 2025

My commission expires: 6-21-2028



JENNY BYRNE
Commission # HH 537630
Expires June 21, 2028

RFQ Number: RFQ-354-26-W

Title: Professional Engineering Design for Various Locations / Gracewood Neighborhood LAP Project

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-354-26-WV
Reference for: Marlin Engineering, Inc.

Organization/Firm Name providing reference: _____

Organization/Firm Contact Name: _____ Title: _____

Email: _____ Phone: _____

Name of Referenced Project: _____ Contract No: _____

Date Services were provided: _____ Project Amount: _____

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):

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	☐	☐	☐	☐
b. Accuracy	☐	☐	☐	☐
c. Deliverables	☐	☐	☐	☐
Vendor's Organization:				
a. Staff expertise	☐	☐	☐	☐
b. Professionalism	☐	☐	☐	☐
c. Staff turnover	☐	☐	☐	☐
Timeliness/Cost Control of:				
a. Project	☐	☐	☐	☐
b. Deliverables	☐	☐	☐	☐

Additional Comments (provide additional sheet if necessary):

****THIS SECTION FOR CITY USE ONLY****					
Verified via:	Email:	☐	Verbal:	☐	Mail: ☐
Verified by:	Name:				Title:
	Department:				Date:

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) Marlin Engineering, Inc.

Name/Principal/Project Manager: Ramon Soria, President-CEO

Address: 9726 E Indigo Street, Suite 303

City: Palmetto Bay State: FL Zip: 33157

Telephone No. 305.259.7853 FEIN/Tax ID No. 65-0279601 Email: rsoria@marlinengineering.com

Does your firm qualify for DBE : YES _____ NO X

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>11/5/2025</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.**

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:

Ramon Soria, President-CEO

Name (printed)

11/13/2025

Date:


Signature

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 Ramon Soria, President-CEO for Marlin Engineering, Inc.
(Print individual's name and title) (Print name of entity submitting sworn statement)
whose business address is 9726 E Indigo Street, Suite 303, Palmetto Bay, FL 33157
and if applicable its Federal Employer Identification Number (FEIN) is 65-0279601 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.)

R.S. 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.

R.S. 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.

R.S. 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.

(Signature)

Sworn to and subscribed before me this 5 day of November, 2025

Personally known Ramon Soria

Or produced identification _____ Notary Public-State of Florida

(Type of identification) _____ my commission expires 6-21-2028

Jenny Byrne
(Printed, typed or stamped commissioned name of notary public)



JENNY BYRNE
Commission # HH 537530
Expires June 21, 2028

RFQ Number: RFQ-354-26-WV

Title: Professional Engineering Design for Various Locations / Gracewood Neighborhood LAP Project

HOLD HARMLESS AND INDEMNITY CLAUSE

MARLIN Engineering, Inc - Ramon Soria

(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 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

Ramon Soria, President-CEO

PRINTED NAME

Marlin Engineering, Inc.

COMPANY OF NAME

11/13/2025

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

Ramon Soria

PRINTED NAME

Marlin Engineering, Inc.

NAME OF COMPANY

President-CEO

TITLE

Failure to sign this page shall render your bid non-responsive.

Exhibit A

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DBE BID PACKAGE INFORMATION

275-030-11
EQUAL OPPORTUNITY OFFICE
07/24
Page 1 of 2

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>.

RS.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DBE BID PACKAGE INFORMATION

275-030-11
EQUAL OPPORTUNITY OFFICE
07/24
Page 2 of 2

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.

RS.

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.

Marlin Engineering, Inc.

Name of Consultant

By: Ramon Soria, President-CEO



11/13/2025

Date

Exhibit C

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

375-030-32
PROCUREMENT
11/15

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION- LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS (Compliance with 2 CFR Parts 180 and 1200)

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: Marlin Engineering, Inc.

By: Ramon Soria

Date: 11/13/2025

Title: President-CEO

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 contractor). "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.

Exhibit D

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: Marlin Engineering, Inc.

By: Ramon Soria Date: 11/13/2025

Authorized Signature:  _____

Title: President-CEO

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: ☐ Prime ☐ Subawardee Tier _____, if known: _____ _____ _____ Congressional District, if known: 4c _____			5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, if known: _____		
6. Federal Department/Agency: _____ _____			7. Federal Program Name/Description: _____ _____ CFDA Number, if applicable: _____		
8. Federal Action Number, if known: _____			9. Award Amount, if known: \$ _____		
10. a. Name and Address of Lobbying Registrant (if individual, last name, first name, MI): _____ _____ _____			b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI): _____ _____ _____		
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>Ramon Soria</u> Title: <u>President-CEO</u> Telephone No.: <u>954-870-5070</u> Date (mm/dd/yyyy): <u>11/13/2025</u>		
Federal Use Only:				Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)	

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity 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 a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the fullname, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

**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

RS.

**LOCAL AGENCY PROGRAM FEDERAL-AID TERMS
For PROFESSIONAL SERVICES CONTRACTS**

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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.

RS.

**LOCAL AGENCY PROGRAM FEDERAL-AID TERMS
For PROFESSIONAL SERVICES CONTRACTS**

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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

RS.

**LOCAL AGENCY PROGRAM FEDERAL-AID TERMS
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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.

RS.

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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, tracing, 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

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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.

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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

RS.

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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.

RS.

CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES

This Contract is made as of the ____ day of _____, 2025, by and between the City of Hollywood, a municipal corporation of the State of Florida (hereinafter the "City"), and **Enter Text**, a corporation authorized to do business in the State of Florida, whose principal office is located at **Enter Text**, whose Federal I.D. number is **Enter Text** (hereinafter referred to as "CONSULTANT").

WHEREAS, the Gracewood Neighborhood Project is part of the Local Agency Program overseen by the Florida Department of Transportation Projects, which excludes the use of continuing services contracts; and

WHEREAS, as part of the Gracewood Neighborhood Project, an engineering design is necessary; and

WHEREAS, the CONSULTANT specializes in civil engineering services and provides such design services; and

WHEREAS, the Department of Design and Construction Management requires the expertise of CONSULTANT for the preparation of the assist staff in implementing the Gracewood Neighborhood Project Project.

NOW, THEREFORE, in consideration of the mutual promises herein, the CITY and the CONSULTANT hereby agree as follows:

ARTICLE 1 - SERVICES/CONSULTANT AND CITY REPRESENTATIVES

The CONSULTANT'S responsibility under this Contract is to provide professional/consultation services for the design of the Gracewood Neighborhood Project more specifically, set forth in the attached Exhibit "A".

The CONSULTANT'S Representative shall be: **Enter Text**

The City's Representative shall be: Elisa Iglesias, Deputy Director of Design & Const. Mgmt.
Telephone No.: (954) 921-3410

ARTICLE 2 – SCHEDULE/TERM

The CONSULTANT shall commence services upon receipt of the Notice to Proceed (NTP) and shall complete all services by **Enter Text**.

ARTICLE 3 - PAYMENTS TO CONSULTANT

- A. The total amount to be paid by the City under this Contract for all services, materials, out-of-pocket expenses and also including any approved subcontracts shall not exceed a total contract amount of \$ **Enter Text**, as proposed by the CONSULTANT and accepted by the CITY. For purposes of this Contract, out-of-pocket expenses are for such items as travel, copying, postage, and express mail. The CONSULTANT will bill the City on a percent complete basis against the total amount set forth in Exhibit "A" for services rendered toward the completion of the Scope of Services and as outlined in Exhibit "A". It is acknowledged and agreed to by the CONSULTANT that the dollar limitation set forth in this section is a limitation upon, and describes the maximum extent of, CITY'S obligation to pay CONSULTANT but does not include a limitation upon CONSULTANT'S duty to perform all services set forth in Exhibit "A" for the total compensation in the amount or less than the guaranteed maximum stated above.
- B. Invoices received by the City from the CONSULTANT pursuant to this Contract will be reviewed and approved in writing by the City's Representative, indicating that services have been rendered in conformity with the Contract, and then will be sent to the City's Financial Services Department for payment. All invoices shall contain a detailed breakdown of the services provided for which payment is being requested. Invoices shall be paid within 30 days following the City Representative's approval. In addition to detailed invoices, upon request of the City's Representative, CONSULTANT will provide City with detailed periodic Status Reports on the project.
- C. Final Invoice: In order for both parties herein to close their books and records, the CONSULTANT will clearly state "final invoice" on the CONSULTANT'S final/last billing to the City. This final invoice shall also certify that all services provided by CONSULTANT have been properly performed and all charges and costs have been invoiced to the City. Because this account will thereupon be closed, any and other further charges not properly included on this final invoice are waived by the CONSULTANT.

ARTICLE 4 - TRUTH-IN-NEGOTIATION CERTIFICATE

The CITY will conduct effective negotiations, including but not limited to the refined scope of work, the evaluation factors and their relative importance, and the CITY's independent estimate.

The CITY will request that the CONSULTANT submit an audit package to verify the costs. The package will include the following:

- Direct wage or salary rates on the form of payrolls and other supporting documentation of direct wages of Consultant and SUB-CONSULTANT personnel for each job classification identified. Direct salary rates are not negotiated per 23 CFR 172.11(b) (2).
- Indirect cost rates or multipliers.

The CITY will perform a determination of allowable costs in accordance with the Federal cost principles, including a detailed analysis of costs proposed by CONSULTANT using the audit package submitted by the CONSULTANT.

ARTICLE 5 - TERMINATION

This Contract may be cancelled by the CONSULTANT upon 30 days prior written notice to the City's Representative in the event of substantial failure by the City to perform in accordance with the terms of this Contract through no fault of the CONSULTANT. It may also be terminated, in whole or in part, by the City, with or without cause, immediately upon written notice from the City's Representative to the CONSULTANT. Unless the CONSULTANT is in breach of its Contract, the CONSULTANT shall be paid for services rendered to the City's satisfaction through the date of termination. Ten Dollars paid to the CONSULTANT, the adequacy of which is acknowledged, is given as specific and independent consideration of the City's right to terminate this Contract for convenience. Termination for cause by the City shall include, but not be limited to, failure to suitably perform the work, failure to continuously perform the work in a manner calculated to meet or accomplish the objectives of the City as set forth herein, or multiple breach of the provisions of this Contract notwithstanding whether any such breach was previously waived or cured. After receipt of a Termination Notice and except as otherwise directed by the City the CONSULTANT shall:

- A. Stop work on the date and to the extent specified.
- B. Terminate and settle all orders and subcontracts relating to the performance of the terminated work.
- C. Transfer all work documents in process, completed work, and other materials related to the terminated work to the City.
- D. Continue and complete all parts of the work that have not been terminated.

ARTICLE 6 - PERSONNEL

The CONSULTANT is, and shall be, in the performance of all work services and activities under this Contract, an Independent Contractor, and not an employee, agent, or servant of the CITY. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the CONSULTANT'S sole direction, supervision, and control. The CONSULTANT shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the CONSULTANT'S relationship and the relationship of its employees to the City shall be that of an Independent Contractor and not as employees or agents of the City. This contract does not create a partnership or joint venture between the parties.

The CONSULTANT represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the City, nor shall such personnel be entitled to any benefits of the City including, but not limited to, pension, health and workers' compensation benefits.

All of the services required hereunder shall be performed by the CONSULTANT or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

Any changes or substitutions in the CONSULTANT'S key personnel, as may be listed in Article 1, must be made known to the City's Representative and written approval must be granted by the City's Representative before said change or substitution can become effective.

The CONSULTANT warrants that all services shall be performed by skilled and competent personnel to the highest professional standards in the field.

ARTICLE 7 - SUBCONTRACTING

CONSULTANT shall not subcontract any services or work to be provided to City without the prior written approval of the City's Representative. The City reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make determination as to the capability of the subcontractor to perform properly under this Contract. The City's acceptance of a subcontractor shall not be unreasonably withheld. The CONSULTANT is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities.

ARTICLE 8 - FEDERAL AND STATE TAX

The City is exempt from payment of Florida State Sales and Use Taxes. The City will sign an exemption certificate submitted by the CONSULTANT. The CONSULTANT shall **not** be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with the City, nor is the CONSULTANT authorized to use the City's Tax Exemption Number in securing such materials.

The CONSULTANT shall be responsible for payment of its own and its share of its employees' payroll, payroll taxes, and benefits with respect to this Contract.

ARTICLE 9 - AVAILABILITY OF FUNDS

The CITY'S performance and obligation to pay under this Contract is contingent upon an annual appropriation for its purpose by the City Commission. The City Commission has appropriated sufficient funds in the FY 25 Operating Budget for this Contract.

ARTICLE 10 - INSURANCE REQUIREMENTS

The CONSULTANT shall not commence work under this Contract until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the City, nor shall the CONSULTANT allow any Subcontractor to commence work on its sub-contract until all similar such insurance required of the Subcontractor has been obtained and approved.

CERTIFICATES OF INSURANCE, reflecting evidence of the required insurance, shall be filed with the Risk Manager prior to the commencement of the work. These Certificates shall contain a provision that coverage afforded under these policies will not be cancelled, will not expire and will not be materially modified until at least 30 days prior written notice has been given to the City. Policies shall be issued by companies authorized to do business under the laws of the State of Florida and shall have adequate Policyholders and Financial ratings with a minimum A.M. Best rating of A-.

Insurance shall be in force until all work required to be performed under the terms of the Contract is satisfactorily completed as evidenced by the formal acceptance by the City. In the event the Insurance Certificate provided indicates that the insurance shall terminate and lapse during the period of this Contract, the CONSULTANT shall furnish, at least thirty (30) days prior to the expiration of the date of such insurance, a renewed Certificate of Insurance as proof that equal and like coverage for the balance of the period of the Contract and extension thereunder is in effect. The CONSULTANT shall not continue to work pursuant to this Contract unless all required insurance remains in full force and effect.

Certificates of Insurance must list the Florida Department of Transportation as an additional insured.

REQUIRED INSURANCE

1. Commercial General Liability

Commercial General Liability Insurance to cover liability for bodily injury and property damage. Exposures to be covered are: premises, operations, products/completed operations, and contractual. Coverage must be written on an occurrence basis, with no less than the following limits of liability:

A. Single Limit Bodily Injury & Property Damage

1. General Aggregate	\$ 2,000,000.00
2. Products-Comp/Op Aggregate	\$ 1,000,000.00
3. Each Occurrence	\$ 1,000,000.00
4. Personal & Adv. Injury	\$ 1,000,000.00
5. Fire Damage	\$ 50,000

The City, its employees and officials shall be named as Additional Insureds on all policies issued to satisfy the above requirements.

2. Professional Liability

Professional Liability with minimum limits of \$1,000,000.00 for each claim/ \$2,000,000.00 aggregate. If coverage is provided on a claims made basis then coverage must be continued for the duration of this Contract and for not less than one year thereafter, or in lieu of continuation, provide an "extended reporting clause" for one year.

CONSULTANT shall notify the CITY Risk Manager in writing within thirty days of any claims filed or made against the Professional Liability Insurance Policy.

.3. Worker's Compensation Insurance

Workers' Compensation Insurance shall be maintained during the life of this Contract to comply with statutory limits for all employees, and in the case any work is sublet, the CONSULTANT shall require any Subcontractors similarly to provide Workers' Compensation Insurance for all the latter's

employees unless such employees are covered by the protection afforded by the CONSULTANT. The CONSULTANT and his Subcontractors shall maintain during the life of this Contract Employer's Liability Insurance. The following must be maintained.

A.	Workers' Compensation	\$500,000
B.	Employer's Liability	\$500,000

The CITY reserves the right to require any other insurance coverage it deems necessary depending upon the exposures.

ARTICLE 11 - INDEMNIFICATION

To the extent provided by law, CONSULTANT shall indemnify, 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.

ARTICLE 12 - SUCCESSORS AND ASSIGNS

The City and the CONSULTANT each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Contract and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract. Except as above, neither the City nor the CONSULTANT shall assign, sublet, encumber, convey or transfer its interest in this Contract without the prior written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the City which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the City and the CONSULTANT.

ARTICLE 13 - REMEDIES

This Contract shall be governed by the laws of the State of Florida. Any and all legal action between the parties arising out of the Contract will be brought in Broward County. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

ARTICLE 14 - CONFLICT OF INTEREST

The CONSULTANT represents that it has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder, as provided for in the Code of Ethics for Public Officers and Employees (Chapter 112, Part III, Florida Statutes). The CONSULTANT further represents that no person having any interest shall be employed for said performance.

The CONSULTANT shall promptly notify the City's representative, in writing, by certified mail, of all potential conflicts of interest for any prospective business association, interest or other circumstance which may influence or appear to influence the CONSULTANT'S judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the CONSULTANT may undertake and request an opinion of the City as to whether the association, interest or circumstance would, in the opinion of the City, constitute a conflict of interest if entered into by the CONSULTANT. The City agrees to notify the CONSULTANT of its opinion by certified mail within 30 days of receipt of notice by the CONSULTANT. If, in the opinion of the CITY, the prospective business association, interest or circumstance would not constitute a conflict of interest by the CONSULTANT, the CITY shall so state in the notice and the CONSULTANT shall, at its option, enter into said association, interest or circumstance and it shall be deemed not in conflict of interest with respect to services provided to the City by the CONSULTANT under the terms of this Contract.

ARTICLE 15 - EXCUSABLE DELAYS

The CONSULTANT shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the control of the CONSULTANT or its subcontractors and without their fault or negligence. Such causes include, but are not limited to: acts of God; natural or public health emergencies; freight embargoes; and abnormally severe and unusual weather conditions.

Upon the CONSULTANT'S request, the City shall consider the facts and extent of any failure to perform the work and, if the CONSULTANT'S failure to perform was without it or its subcontractors fault or negligence, the Contract Schedule and/or any other affected provision of this Contract shall be revised accordingly; subject to the City's rights to change, terminate, or stop any or all of the work at any time.

ARTICLE 16 - DEBT

The CONSULTANT shall not pledge the City's credit or attempt to make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien or any form of indebtedness. The CONSULTANT further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Contract.

ARTICLE 17 - DISCLOSURE AND OWNERSHIP OF DOCUMENTS

The CONSULTANT shall deliver to the City's Representative for approval and acceptance, and before being eligible for final payment of any amounts due, all documents and materials prepared by and for the City under this Contract.

All written and oral information not in the public domain or not previously known, and all information and data obtained, developed, or supplied by the City or at its expense will be kept confidential by the CONSULTANT and will not be disclosed to any other party, directly or indirectly, without the City's prior written consent unless required by a lawful order. All drawings, maps, sketches, programs, data base, reports and other data developed, or purchased, under this Contract for or at the City's expense shall be and remain the City's property and may be reproduced and reused at the discretion of the City.

The City and the CONSULTANT shall comply with the provisions of Chapter 119, Florida Statutes (Public Records Law). Pursuant to Section 119.0701, Florida Statutes, any party contracting with CITY is required to (a) keep and maintain available for public inspection any records that pertain to services rendered under this Agreement; (b) provide the public with access to public records on the same terms and conditions that the City would provide such records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes or as otherwise provided by law; (c) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (d) meet all requirements for retaining public records and transfer, at no cost, to City all public records in that party's possession upon termination of its contract with City and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All of such party's records stored electronically must be provided to City in a format that is compatible with the City's information technology systems. Each party shall maintain its own respective records and documents associated with this Agreement in accordance with the records retention requirements applicable to public records. Each party shall be responsible for compliance with any public documents request served upon it pursuant to Section 119.07, Florida Statutes, and any resultant award of attorney's fees for non-compliance with that law. Each party acknowledges that this Agreement and all attachments thereto are public records and do not constitute trade secrets.

IF A PARTY TO THIS AGREEMENT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO ITS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THE AGREEMENT, CONTACT THE CITY'S CUSTODIAN OF PUBLIC RECORDS AT (954) 921-3211, PCERNY@HOLLYWOODFL.ORG, 2600 HOLLYWOOD BOULEVARD, HOLLYWOOD, FLORIDA 33020.

ARTICLE 18 - CONTINGENT FEES

The CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure this Contract and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this Contract. Violation of this Article shall constitute a forfeiture of this Contract by CONSULTANT.

ARTICLE 19 - ACCESS AND AUDITS

The CONSULTANT shall maintain adequate records to justify all charges, expenses, and costs incurred in estimating and performing the work for at least three (3) years after completion of this Contract or until completion of any audit, whichever is later. The City shall have access to such books, records, and documents as required in this section for the purpose of inspection or audit during normal business hours, at the CONSULTANT'S place of business.

ARTICLE 20 - NONDISCRIMINATION

The CONSULTANT warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, or sexual orientation.

ARTICLE 21 - INTERPRETATION

The language of this Contract has been agreed to by both parties to express their mutual intent and no rule of strict construction shall be applied to either party hereto. The headings are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement. All personal pronouns used in this Agreement shall include the other gender, and the singular, the plural, and vice versa, unless the context otherwise requires.

ARTICLE 22 - AUTHORITY TO PRACTICE

The CONSULTANT hereby represents and warrants that it has and will continue to maintain all licenses and approvals required to conduct its business, and that it will at all times conduct its business activities in a reputable manner. Proof of such licenses and approvals shall be submitted to the City's representative upon request.

ARTICLE 23 - SEVERABILITY

If any term or provision of this Contract, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, to remainder of this Contract, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE 24 - ENTIRETY OF CONTRACTUAL AGREEMENT

The City and the CONSULTANT agree that this Contract together with the Exhibits hereto, sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. It is further agreed that no modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith. None of the provisions, terms and conditions contained in this Contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto in accordance with Article 25 - Modification of Work. In the event of

any conflict or inconsistency between this Contract and the provisions in the incorporated Exhibits, the terms of this Contract shall supersede and prevail over the terms in the Exhibits.

ARTICLE 25 - MODIFICATION OF SCOPE OF WORK

The City reserves the right to make changes in the Scope of Work, including alterations, reductions therein or additions thereto. Upon receipt by the CONSULTANT of the City's notification of a contemplated change, the CONSULTANT shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change, (2) notify the City of any estimated change in the completion date, and (3) advise the CITY if the contemplated change shall effect the CONSULTANT'S ability to meet the completion dates or schedules of this Contract.

If the City so instructs in writing, the CONSULTANT shall suspend work on that portion of the Scope of Work affected by a contemplated change, pending the City's decision to proceed with the change.

If the City elects to make the change, the CITY shall initiate a Contract Amendment and the CONSULTANT shall not commence work on any such change until such written amendment is signed by the CONSULTANT and the CITY, and if such amendment is in excess of \$50,000 it must also first be approved by the CITY Commission and signed by the appropriate City Official authorized by the City Commission.

The City shall not be liable for payment of any additional or modified work which is not authorized in the manner provided for by this Article.

ARTICLE 26 - NOTICE

All notices required in this Contract shall be sent by certified mail, return receipt requested, and if sent to the City shall be mailed to:

City of Hollywood, Dept. of Design and Construction Management
Attn: Elisa Iglesias
P.O. Box 229045
Hollywood, FL. 33022

With A Copy to: City Attorney
2600 Hollywood Blvd., Rm. 407
Hollywood, Florida 33020

and if sent to the CONSULTANT shall be mailed to:

Enter Text

ARTICLE 27 – OWNERSHIP OF DOCUMENTS

All finished or unfinished documents, data, reports, studies, surveys, drawings, maps, models and photographs prepared or provided by CONSULTANT in connection with this Contract shall become property of the City, whether the project for which they are made is completed or not, and shall be delivered by CONSULTANT to City within ten days of notice of termination. If applicable, City may withhold any payments then due to CONSULTANT until CONSULTANT complies with the provisions of this section.

Exhibits:

- A. DBE Bid Package Information
- B. Truth in Negotiation Certificate
- C. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- D. Certification for Disclosure of Lobbying Activities on Federal_Aid Contracts
- E. Disclosure of Lobbying Activities
- F. Local Agency Program Federal_Aid Terms for Professional Services Contracts
- G. Consultants Proposal dated **Enter Text**
- H. Performance Evaluation
- I. Request for Qualification **Enter Text**

CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES WITH **Enter Text**

IN WITNESS WHEREOF, the parties hereto have set their hands and official seals the day and year first above written.

ATTEST:

City of Hollywood, a municipal
corporation of the State of Florida

Patricia A. Cerny, MMC, City Clerk

By: _____
George R. Keller, Jr. CPPT
City Manager

Approved as to form & legal sufficiency
for the use and reliance of the City
of Hollywood, Florida, only.

Approved by: _____

Stephanie Tinsley,
Director of Financial
Services

Damaris Henlon
City Attorney

AS TO CONSULTANT

Enter Text

ATTEST:

Corporate Secretary

By: _____
Signature

Title: _____

DRAFT

EXHIBIT "A"
SCOPE OF SERVICES

Purpose

The City of Hollywood, Florida (City) is seeking responses from qualified and experienced firms, hereinafter referred to as the Contractor or Proposer, to provide Professional Engineering Consulting services for the City, in accordance with the terms, conditions, and specifications contained in the **Scope of Services**. Those firms who are interested in submitting Statement of Qualification (SOQ) in response to this Request for Qualifications (RFQ) shall comply with the Submittal Requirements.

There is no guarantee of any project being awarded under this RFQ, the City reserves the right to select a consultant to negotiate with or to issue a new RFQ for any project that may fall under the value determined for a Continuing Contract.

This project is funded through the Florida Department of Transportation Local Agency Program (LAP) which requires that the respondents to comply with their conditions. Familiarity with the LAP and its requirements is required. Consultant must be FDOT Prequalified in Work Types 3.1, 7.1, 8.2.

Project Description

On behalf of the City of Hollywood, Florida (herein may be referred to "City" or "COH"), the City of Hollywood Department of Design and Construction Management is requesting written technical Proposals from civil engineering firms provide engineering services for a Complete Streets and other Localized Initiatives Program (CSLIP) project serving the Gracewood neighborhood.

The project consists of the design and permitting of a new 5'-0" wide concrete sidewalk with curb ramps to fill-in and connect to existing sidewalks within the Gracewood neighborhood. The proposed sidewalks will be installed in the existing swale area. 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.

TASK 1: INITIAL PHASE SUBMISSION

- A. Meetings: Consultant shall provide monthly project progress reports by email, letter, or fax to CITY personnel on a monthly basis. CONSULTANT shall attend (4) in person meetings and biweekly progress meeting with the CITY for project review and/or coordination as requested.
- B. Field Reviews: CONSULTANT shall conduct a visual reconnaissance of the project sites in order to identify typical, key, and anomalous site features. It is anticipated that two people from CONSULTANT will conduct the reviews in no more than one day.

Services are lump sum (including expenses):\$ **Click here to enter text.**

TASK 2: TOPOGRAPHIC SURVEY

Under this task CONSULTANT or its qualified subconsultant will complete a topographic survey to meet FDOT design criteria. The sidewalks will follow existing topography with the alignment adjusting as necessary to maneuver around existing utility poles, storm drains, or other potential conflicts.

- a) Establish horizontal and vertical control to the extent necessary to meet the project objective for a “full-design” survey.
- b) Establish a paper Baseline of Survey, using all pertinent information. Begin and End survey points and at any change in direction, i.e., PC, PT and angle breaks.
- c) Topography-Locate all improvements within the Rights of Way along with driveways, curb cuts, ramps, sidewalks servicing adjacent properties, pavement markings, etc. Topography to extend along side streets beyond pavement returns for 50 feet.
- d) Acquire spot elevations to the extent necessary to create a Digital Terrain Model (DTM).
- e) Provide cross-sections at 100-foot intervals to extend 5 feet beyond the Right of Way lines.
- f) Locate trees 4 inches in caliper or larger.
- g) The survey deliverables will consist of the following:
 - i. Six certified hard copies of the Topographic Survey Map and Report.
 - ii. Electronic files of same.
 - iii. DTM

Services are lump sum (including expenses):\$ [Click here to enter text.](#)

TASK 3: NEPA EVALUATION AND CULTURAL RESOURCE SURVEY

Under this task, CONSULTANT will provide or subcontract the following environmental services for the following tasks in accordance to LP Manual Chapter 18:

- A. Site Reconnaissance Review: a biologist will conduct a visual reconnaissance of the project sites in order to identify sensitive environmental features, such as wetlands or other federal, state or county protected habitats. It is anticipated that two people will conduct the reviews in no more than one day.
- B. Research and Data Collection: CONSULTANT will conduct a desktop search of all readily available databases to identify feature such as Threatened & Endangered Species, listed species sightings, documented contamination, wetlands, well-fields, natural forested communities, and Florida managed areas.
- C. CONSULTANT will prepare a NEPA Type 1 Categorical Exclusion Checklist and supporting documentation for the project as consistent with Part 1, Chapter 2 of the Florida Department of Transportation Project Development and Environment (PD&E) Manual and FDOT’s Local Agency Program (LAP) Guidelines. This assessment will include a desk- top review with limited/visual verification in the field and does not include any quantitative contamination testing/sampling activities, additional environmental assessments and documentation.
- D. Cultural Resource Assessment Survey (CRAS) to be sent to the State Historic Preservation Office (SHPO) for approval.

Services are lump sum (including expenses):\$ [Click here to enter text.](#)

TASK 4- CONSTRUCTABILITY PHASE SUBMISSION

- A. Prepare design development level drawings: A design development level of plans for the proposed sidewalk will be prepared for review by City staff for the project area. These plans will reflect the combination of site constraints, County design regulations, FDOT standards, sidewalk use objectives. CONSULTANT will attend three meetings with City staff to visit the site and discuss/review the plans. The sidewalks shall meet ADA requirements and shall be constructed at grade where possible.
- B. Data Collection CONSULTANT shall obtain available data pertinent to the project, such as, but not limited to: digital aerial photograph (provided by the CITY), roadway drawings, driveway drawings, sidewalk drawings, tax maps, subdivision plat maps, bench mark information, section corner reports, and utility as-built drawings. All information available at CITY offices shall be at no cost to CONSULTANT.
- C. Geotechnical Analysis (optional) All geotechnical data and analysis necessary for the project design will be supplied by a sub-consultant as requested by the CONSULTANT. See the attached scope.
- D. Right-of-Way (ROW). CONSULTANT to confirm compliance with FDOT ROW procedures based on LP Manual Chapter 19.
- E. All plans and designs furnished by CONSULTANT are to be prepared with English Units. The current editions, including updates, at the time this agreement is executed, of the following manuals and guidelines shall be used as resources and reference materials in the performance of CONSULTANT's work:
 - i. Florida Greenbook Design Standards, current edition.
 - ii. Manual of Uniform Minimum Standards for Design, Construction, and Maintenance of Streets and Highways, Florida Department of Transportation (FDOT), current edition.
 - iii. South Florida Water Management District (SFWMD), Environmental Resource Permit Applicants Handbook, current edition.
 - iv. AASHTO Roadside Design Guide, current edition.
 - v. FDOT Roadway Plan Preparation Manual.
 - vi. FDOT Roadway and Traffic Design Standards, current edition.
 - vii. FDOT Standard Specifications for Road and Bridge Construction, current edition.
 - viii. FDOT Basis of Estimates Handbook, current edition.
 - ix. MUTCD, current edition.
 - x. FDOT Structures Design Guidelines, current edition.
 - xi. Americans with Disabilities Act (ADA) Compliance, current edition.

Services are lump sum (including expenses):\$ [Click here to enter text.](#)

TASK 5- PRODUCTION PHASE SUBMISSION

Under this task, CONSULTANT will prepare the following documentation:

- A). Contract documents: Once the constructability development plans have been reviewed by the City, construction documents will be created to implement the approved design. Construction documents will also include details, notes and specifications necessary to complete construction. Final deliverables and meetings will be determined after Tasks 1, 2 and 3 are completed.

B). The Production Phase (60%) plans submittal package shall include, but not be limited to:

1. Production Design Phase (60%) Plans Services shall include, but are not limited to, the preparation of a key sheet, a plan horizontal control sheet, typical cross-sections and plans depicting the connection to existing access points for the proposed improvements. In addition, plan exhibits, details, and calculations to support an environmental permit exemption will be submitted. These exhibits will depict the proposed sidewalks alignment and width, proposed swale, at a scale of 1" = 100', but will not be intended for use as construction plans.

2. 60% Deliverables:

- a) Three (3) sets of Permit Phase (60%) construction plans (11" X 17") and permit exhibits at 1" = 100' scale.
- b) 60% Construction Cost Estimate
- c) Written responses to CITY comments no later than fourteen (14) calendar days from receiving the comments.

C). FDEP Permit (if needed): National Pollutant Discharge Elimination System (NPDES) permit from Florida Department of Environmental Protection (FDEP). CONSULTANT will prepare the Storm Water Pollution Prevention Plans (SWPPP), if needed. City/contractor will apply for the permit.

D). City of Hollywood Permitting: CONSULTANT will prepare the City of Hollywood permit applications for submittal in support of the sidewalk design. These applications will be incorporated into the surface water management system permits as environmental impacts are not anticipated to be a major concern for this project. Permit applications will be submitted to the agencies when the sidewalk design plans are at 90% approval by the City. Responding to one round of requests for additional information from the permitting agencies is anticipated in this scope of work.

1. The Pre-Bid Phase (90%) plans shall include modifications or revisions to the Permit Phase (60%) plans as a result of FDOT and CITY review and comment during the Permit Phase (60%) plans submittal. The Pre-Bid Phase (90%) plans submittal package shall include, but not be limited to:

2. 90% Deliverables:

- A. Three (3) sets of Pre-Bid Phase (90%) construction plans (11"x17") plotted at 1"= 100' scale.
- B. Written responses to CITY comments;
- C. Quantity Take-off list. CITY shall furnish a template MS Excel Bid Form spreadsheet;
- D. CONSULTANT' Opinion of Probable Construction Costs at Pre-Bid Phase (90%). With CITY furnished bid forms.
- E. The Production Phase (100%) plans shall include modifications or revisions to the Constructability Phase (90%) construction plans as a result of FDOT and CITY review and comment during the 90% plans submittal. The 100% plans

submittal package shall include, but not be limited to:

- F. Construction (100%) Plans CONSULTANT shall prepare and submit modifications or revisions to all Plans based on FDOT and CITY review of the 90% plans.
- G. Quantity Take-Offs CONSULTANT shall prepare final quantity take-off calculations for all items required to construct the proposed sidewalk improvements with revisions from CITY comments during the 90% submittal.

3. 100% Deliverables:

- A. Three (3) sets of signed and sealed Construction Phase (100%) construction plans (11"x17")
- B. Written responses to CITY comments;
- C. Final Quantity Take-off list
- D. Letter of Quality Control;
- E. One (1) set of signed and sealed conformed construction plans (11" x 17") reflecting any addenda or changes in the plans after the Bid Phase submittal.

Services are lump sum (including expenses):\$ [Click here to enter text.](#)

TASK 6: SUPPORT DURING CONSTRUCTION

Once a construction contract is completed and a contractor is selected, CONSULTANT shall provide limited construction administration services to the CITY during the construction phase. Construction administration services may include, but are not limited to, plan updates and revisions and engineering assistance, 10 (ten) coordination meeting as well as certification inspection and letter, review of as-built drawings.

Services are lump sum (including expenses):\$ [Click here to enter text.](#)



City of Hollywood Office of
Procurement & Contracts
Compliance

**VENDOR PERFORMANCE EVALUATION
SUPPLIES and/or SERVICES**
(INCLUDES CONSTRUCTION/PROFESSIONAL SERVICES)

Page 1
of _

1. Use this form to report vendor performance for supply deliveries or service provisions, regardless of the purchasing method (e.g., Purchasing Card, Purchase Order, City Contract, etc.).
2. The City Project Manager assigned to receive supplies or services is responsible for completing this form (either typed or printed). Only page 1 is necessary unless page 2 is needed. However, if any section on page 1 is marked as "unsatisfactory," page 2 must also be filled out and submitted along with page 1 (refer to page 2 for Explanations/Comments when marking "unsatisfactory"). Attach relevant documents, if applicable.
3. City Contracts: Regardless of the purchasing method, this form must be completed and submitted no later than 30 days after the completion or expiration of a City contract. Past performance will be considered for future contracts.
4. The City Project Manager may offer the consultant the opportunity to request a meeting to discuss evaluations with the Director to whom the Project Manager reports **within ten calendar days of receipt of the evaluation**.

Send **SIGNED** form to: Office of Procurement & Contracts Compliance, 2600 Hollywood Boulevard, Hollywood, Florida 33022
P: 954.921-3552 | hollywoodfl.org

VENDOR INFORMATION	COMPLETE ALL APPLICABLE INFORMATION
Company/ Vendor Name:	Contract Number No:
Mailing Address:	Description/ Title:
City, State, Zip Code:	Contract Term (Dates) From: To:
Representative Evaluated:	Purchase Order Number:
Telephone Number:	Task Order Number:

DEFINITIONS

4	OUTSTANDING PERFORMANCE - Vendor considerably exceeded minimum contractual requirements or performance expectations of the products/services; The vendor demonstrated the highest level of quality workmanship/professionalism in execution of contract.
3	ABOVE SATISFACTORY PERFORMANCE - Vendor exceeded minimum contractual requirements or performance expectations of the products/services.
2	SATISFACTORY PERFORMANCE - Vendor met minimum contractual requirements or performance expectations of the products/services.
1	UNSATISFACTORY PERFORMANCE - Vendor did NOT meet the minimum contractual requirements or performance expectations of the products and/or services; Performed below minimum requirements

EVALUATIONS (Place "X" in appropriate box for each major area.)

Criteria (includes change orders/amendments)	4	3	2	1	N/A
1. Supplies delivered/Work performed on schedule.					
2. Condition of delivered supplies (includes handling/packaging).					
3. Quality of deliveries/work performance.					
4. Adherence to specifications/statement of work.					
5. Resolved problems/customer complaints timely.					
6. Working relationship/interfacing with City staff/public sector (citizens).					
7. Service Call (On-Call) response time.					
8. Other (specify):					
9. Overall evaluation of compliance with contract requirements.					

EVALUATED BY

Signature:	Date of Evaluation:
Print Name:	Department:
Title:	



City of Hollywood Office
of Procurement &
Contracts Compliance

**VENDOR PERFORMANCE EVALUATION
SUPPLIES and/or SERVICES**
(INCLUDES CONSTRUCTION/PROFESSIONAL SERVICES)

Page 2
of__

Company/
Vendor Name:

Contract Number
and/or Other Reference:

EXPLANATIONS/COMMENTS

1. Do not submit page 2 without page 1.
2. Provide as much detail as possible (include paragraph and page numbers referenced in the applicable contract, purchase order, etc.).

ACTION TAKEN BY VENDOR (reply below or submit separate correspondence)

Ramon Soria, President-CEO

NAME/TITLE OF VENDOR REPRESENTATIVE

SIGNATURE

11/13/2025

DATE

FOR PROCUREMENT DEPARTMENT USE ONLY

"Unsatisfactory" findings have been determined as VALID () NOT VALID (). Reasons:

Signature:

Date: 11/12/2025

Name/Title: Ramon Soria - President, CEO

Telephone No: 954-870-5070

**CITY OF HOLLYWOOD
DEPARTMENT OF DESIGN AND CONSTRUCTION MANAGEMENT**

2600 HOLLYWOOD BOULEVARD
Hollywood, FL 33022
Phone (954) 921-3410

ADDENDUM NUMBER 1

**RFQ-354-26-WV Professional Engineering Design Services for Various
Locations/Gracewood Neighborhood LAP Project**

Date: **11/5/2025**

ALL BIDDERS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:

This addendum is issued as part of the Bidding Documents for the above-described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated 10/13/2025. The bidder shall coordinate all modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum in OpenGov.

Item 1:

Original Language:

- 6.1.3 The ranking and the Evaluation Committee's recommendation shall be reported to the City Commission through and with the concurrence of the City Manager, who shall request the City Commission approve the final ranking and authorize staff to negotiate and execute a contract with the top ranked firm(s). If the City is unable to reach an agreement with the top ranked firm(s), negotiations will be cancelled at the sole discretion of the City. City staff will then begin negotiations with the next ranked firm(s) and so forth until an agreement is reached and a contract awarded.

Added Language:

- 6.1.3 The ranking and the Evaluation Committee's recommendation shall be reported to the City Commission through and with the concurrence of the City Manager, who shall request the City Commission approve the final ranking and authorize staff to negotiate and execute a contract with the top ranked firm(s). If the City is unable to reach an agreement with the top ranked firm(s), negotiations will be cancelled at the sole discretion of the City. City staff will then begin negotiations with the next ranked firm(s) and so forth until an agreement is reached and a contract awarded. **No Proposer shall have any rights against the City arising from such negotiations or from the termination of negotiations.**



November 13, 2025

City of Hollywood Evaluation Committee
Department Design and Construction Management
Attention: Victoria Ulysse, Assistant Project Manager
2207 Raleigh Street
Hollywood, FL 33020

RE: Request for Qualifications RFQ-354-26-WV Various Locations / Gracewood Neighborhood LAP Project

Dear Victoria Ulysse and Members of the Selection Committee:

MARLIN Engineering, Inc. (MARLIN) did not include any **Confidential / Proprietary / Trade Secret** information in our statement of qualifications for this contract. The City may request additional information as needed.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ramon Soria", is located below the "Sincerely," text.

MARLIN Engineering, Inc.
Ramon Soria, PE - President-CEO



MARLIN Engineering, Inc.

9726 E Indigo Street, Suite 303
Palmetto Bay, FL 33157

Contact Person

Armando Aguiar, PE

Project Manager

305.259.7853

aaguiar@marlinengineering.com

www.marlinengineering.com