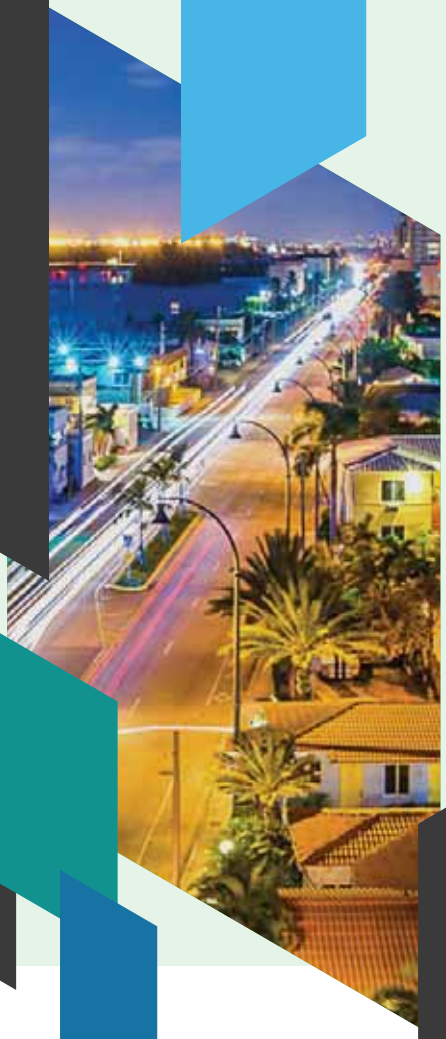
SEPTEMBER 18
2017



TRAFFIC ENGINEERING SERVICES TO THE CRA FOR CAPITAL PROJECTS

CRA 17-020

Prepared For:
City of Hollywood CRA

Prepared By:
MARLIN Engineering, Inc.
1700 NW 66th Avenue, Ste. 106
Fort Lauderdale, FL 33313
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www.marlinengineering.com

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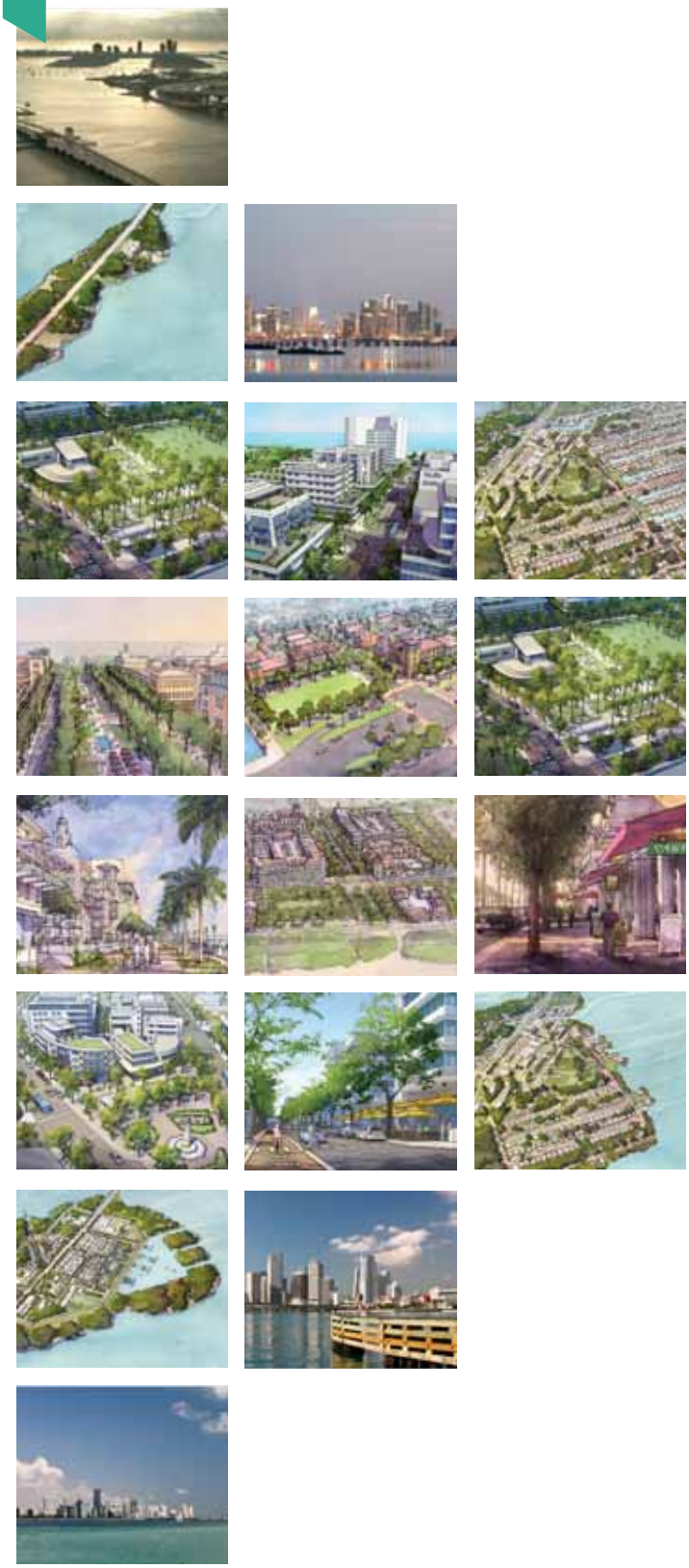

TITLE PAGE

RESPONSE TO THE
CITY OF HOLLYWOOD CRA
RFQ CRA 17-020
TRAFFIC ENGINEERING SERVICES
TO THE CRA FOR CAPITAL PROJECTS

MARLIN ENGINEERING, INC.
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Suite 106
Fort Lauderdale, FL 33313
954.870.5070
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Project Manager - Point of Contact
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SUBMITTED
September 17, 2017

MARLIN

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LETTER OF INTEREST

September 18, 2017

Susan Goldberg
Deputy Director of
City of Hollywood CRA
Office of the City Clerk
2600 Hollywood Blvd., Room #220
Hollywood, Florida 33020

RE: CRA 17-020 – Response to the Request for Qualifications to Provide Traffic Engineering Services to the CRA for Capital Projects

Dear Ms. Goldberg and Members of the Selection Committee:

MARLIN Engineering, Inc. (MARLIN) is excited to submit our qualifications to provide Transportation/Traffic Engineering, Planning and Urban Design Professional Services for the Hollywood Community Redevelopment Agency (CRA). MARLIN celebrated its 25th Anniversary last year and we are proud of our successes having grown to 70+ employees located in our Fort Lauderdale, Miami, West Palm Beach, Tallahassee and San Juan, Puerto Rico offices. MARLIN is passionate about multimodal/complete streets planning and engineering and we share your Vision!

We have an impressive resume of successful multimodal/context sensitive projects around the Region, State and in the City, and have a proven record in designing concepts that are constructible and enhance transportation, quality of life and economic development. We are also certified as a Minority Business Enterprise (MBE), and a Disadvantaged Business Enterprise (DBE). Because MARLIN is a full service multidiscipline surveying, planning, design and engineering firm, we can create designs that are bold and creative, yet grounded in the reality of having available right of way, minimizing utility conflicts and providing accurate cost estimates. Our team also believes that integrating land use, urban design and transit focused on enhancing the pedestrian experience is critical to success. In addition, we have a track record of securing funding and/or leveraging transportation investments for holistic community improvements that foster healthy living and economic development.

MARLIN has developed an outstanding Team of firms to support the CRA and we have long time professional relationships between our key experts and task leaders that adds another layer of synergy to the proposal. MARLIN brings to the table a strong foundation of planners, Federal and State program funding and grants experts supported by our transportation/traffic, signal and design engineers and technicians. Our Team includes Dover, Kohl & Partners who are world renowned urban designers; Miller Legg and Associates who have outstanding landscape architectural skills and experience; Geosol, Inc. for geotechnical services; SSN Engineering, LLC for drainage and wastewater treatment; and Via Planning, Inc. and BlueMAC Analytics for traffic engineering and systems planning support.

The MARLIN Team has reviewed the RFQ and a year's worth of CRA Board minutes. We understand that this is not a traditional traffic and transportation engineering contract and that the City is seeking implementation of capital projects with a focus on improved transportation mobility and redevelopment of Young Circle. The MARLIN Team is uniquely qualified to provide the services needed to successfully plan and implement transformative projects for the City including the unique traffic pattern proposed for the Circle. Most recently, MARLIN engineers supported FDOT in the design of the Hollywood Blvd. Complete Streets project from City Hall to Dixie Highway. This was also a ground breaking project because of the use of innovative signing and pavement marking treatments including the use of in-ground LED lighting at 6 mid-block crosswalks, the addition of a median with parking, enhanced bicycle lanes, and wider sidewalks.

MARLIN is also qualified to assist the CRA in navigating the state and federal funding/design processes. We have an extensive relationship with FDOT and our Project Manager, **Jose Santiago, PE** is a former District 4 employee who has 20 years of experience in FDOT/FHWA design including the LAP and plans production process, both of which are critical to the success of this contract. We have remained up to date on all the recent changes to the LAP program and we are currently providing similar LAP program support to several local municipalities. MARLIN Is also excited about, and keenly aware of, the new FDOT Design Manual which provides a complete set of context sensitive design guidelines providing for flexibility particularly within highly urbanized areas.

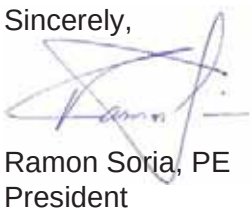
Why choose MARLIN?

- With more than 26 years of experience working within Broward, FDOT and FHWA, MARLIN is intimately familiar with delivering transportation engineering solutions, both minor and major in scope, including the design of key transportation engineering elements such bicycle/pedestrian features, signalization, signing and pavement markings, and lighting, therefore we have a clear understanding of what is required to deliver this project on time and within budget.
- MARLIN is a local, multi-disciplinary organization specializing in providing engineering, surveying and construction services, streamlining the delivery of the recommended improvements from design through construction.
- Our experience, gained through long-standing relationships with local and state governments and our diverse personnel, makes us uniquely qualified to deliver the required quality services stipulated in the RFQ.
- MARLIN has extensive experience in similar types of contracts working with municipalities including the City of Wilton Manors, City of Deerfield Beach, City of Pompano Beach, City of Lauderdale Lakes, City of South Miami, Town of Cutler Bay, Village of Palmetto Bay, City of Doral, Town of Miami Lakes, and the City of Coral Gables.

Jose Santiago is MARLIN's authorized representative for this project. He is located at 1700 NW 66th Avenue, Suite 106, Fort Lauderdale, FL 33313. He can be reached at 954.870.5070 (O), 305.216.3790 (C), or jsantiago@marlinengineering.com.

We are excited about this opportunity to respond to this Request for Qualifications. We know that if given the opportunity, we have the experience, the desire and the dedication to meet the needs of the City of Hollywood CRA with the highest degree of professionalism resulting in the successful completion of all services related to this contract. The MARLIN Team is fully committed to assigning the necessary manpower, expertise and attentiveness to ensure that the CRA meets its goals and objectives through the provision of these services.

Sincerely,



Ramon Soria, PE
President

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OVERVIEW

OVERVIEW

WHY MARLIN?

- **Passion for Planning and Designing Communities and Vested in the Sustainability of their Environment**
- **Recently completed the Hollywood Blvd. Complete Streets project (currently in construction)**
- **Strong Knowledge of Complete Streets, Greenways and Trails**
- **Deep Pool of Experts Available with Local and National Experience**
- **Full Service Firm That Can Take Projects from Beginning to End**
- **Ability to Work on Multiple Projects Concurrently**
- **New and Innovative Concepts**
- **Quick Response, Professional Expertise, Personnel Availability**
- **Committed to Quality, Schedule and Budget**
- **Solid Relationships at Local, County and State Level**
- **No Learning Curve!**

During the last 26 years, MARLIN has demonstrated its ability to deliver quality professional services in a friendly manner by fostering strong relationships at the municipal, county and state level. We have a proven track record of delivering high quality projects for our clients on time and within budget.

MARLIN Engineering, Inc. (MARLIN), a full service multidisciplinary planning, engineering and surveying firm, was founded in August 1991 in Miami, Florida. We are a local, award winning firm deeply committed to providing our clients with safe transportation solutions that balance the needs of all modes of transportation.

MARLIN has an extensive resume of high profile transportation projects throughout the state of Florida. We have diversified our staff, services and markets to be poised to handle larger and more complex challenges.

HISTORY AND QUALIFICATIONS

We've served as the **General Engineering Consultant for more than 20 municipalities in South Florida and have established strong working relationships with many of the local municipalities, MPOs, CRAs and councils.** MARLIN's range of expertise enables us to offer our clients — from small private developers to large public agencies — a single source to meet all of their regulatory, engineering and planning needs.

MARLIN is a certified MBE and DBE, with offices located in Fort Lauderdale, West Palm Beach, Miami, Tallahassee and Puerto Rico. We serve the entire state of Florida as well as projects in adjoining states, assisting public and private clients in their efforts to improve, expand and modernize existing transportation facilities.

Our philosophy is collaboration. We will partner with the City of Hollywood CRA to implement your goals. We will collaborate through teamwork and the right allocation of resources within our proposed Team. Our goal is to perform the required services, which will ultimately be beneficial to the public and produce technically sound contract documents that are cost conscious, completed **on-time and under budget.** In addition, proactive communication with the CRA's Project Manager will be maintained throughout the execution of the project. Success of any project hinges on cooperation, progress and deliverables. We will not hesitate to make tough recommendations.

OUR EXPERTISE AND EXPERIENCE

MARLIN's diverse range of services enables us to offer our clients a single source to meet all of their regulatory, engineering, planning and operational needs. Our areas of expertise include:

- Traffic Engineering
- Transportation Planning
- Civil Engineering
- Roadway Design
- Complete Streets
- Utility Coordination
- Signalization & Lighting
- Public Outreach & Participation
- Surveying/Subsurface Utility Exploration
- Construction Management/Inspection
- Multi-Modal & Corridor Planning
- Environmental
- Pedestrian/Bicycle Planning & Visioning
- Regional Transit & Park/Ride
- Carpool/Vanpool & Park/Ride
- MPO Administration
- Intergovernmental Coordination
- Land & Site Development
- Rail Planning & Operations
- GIS Mapping
- Emergency Management

Founded in 1991

76 Employees PEs, EIs, AICPs, CNU-As

Local Office with Resources Statewide

Completed 2000+ Projects

DBE & MBE **Certified**

TRAFFIC ENGINEERING

Our traffic engineering team has conducted intersection, arterial and expressway data collection and analysis, and development of traffic parameters and forecasting for transportation systems. We offer viable recommendations and solutions to achieve optimum levels of operation and safety for the roadway system.

- Access Management
- Benefit/Cost Analysis
- Community Outreach
- Data Collection & Impact Studies
- Expressway and Arterial Capacity Analysis
- Microscopic Simulation
- Operational Analysis
- Parking & Origin-Destination Studies
- Quality/Level of Service (LOS) Analysis
- Road Safety Audits
- Safety & Accident Studies
- Safety/Crash Analysis
- Signal Warrant Analysis
- Signal Retiming, Optimization & Design
- Signalization & Pavement Markings
- Site Plan Development Review
- Traffic Calming Master Plans
- Traffic/Travel Demand Forecasting
- Trail Networks & Multi-use Paths
- Transit Capacity & Quality of Service Assessments
- Transit Stop Location and Design
- Travel Time and Delay

DESIGN AND ENGINEERING

MARLIN brings multi-disciplinary knowledge in complete streets, greenway design and streetscapes. We have worked to build consensus on controversial projects and support local planning agencies and cities in the planning, design and implementation of projects that will help build truly livable communities, created for users of all modes of transportation.

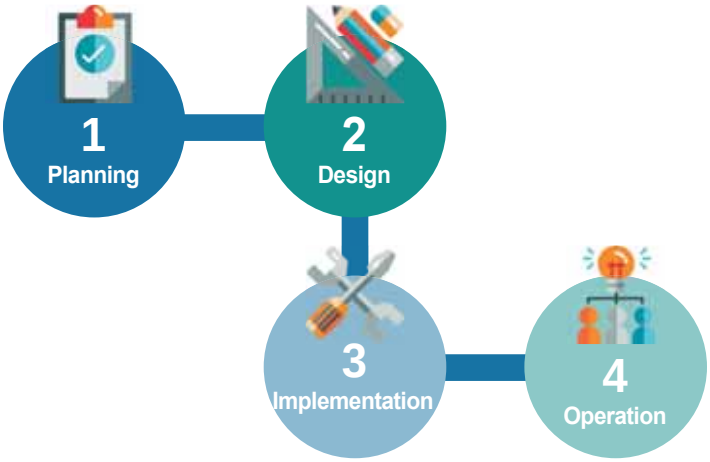
- ADA Compliance
- Complete Streets
- Crosswalk Enhancement
- Environmental Assessments & Studies
- Green Roads
- Historic Preservation
- Interchange Rehabilitation
- Lighting/Decorative Street Lights (Marine Turtle Lighting)
- Milling and Resurfacing
- NEPA Processing
- Pavement Marking
- Pedestrian/Bicycle Trails
- Program Construction/Management
- Protected Bike Lanes
- Public Involvement
- Raised and Landscaped Medians
- Roadway New Construction and Reconstruction
- Safe Routes to School
- Safety Improvements
- Sidewalk Widening

- Signalization
- Streetscapes with Shade Canopy
- Sustainability
- Traffic Calming Design
- Transit Stations/Hubs
- Multi-Modal Transportation Studies
- Park and Ride Lot Assessment
- Pedestrian/Bike Master Plans
- Preliminary Concept Studies
- PD&E Studies

TRANSPORTATION PLANNING

MARLIN's Transportation Planning Team takes a multi-modal approach to planning and developing modern transportation systems for Florida's diverse and growing population. Our staff ensures that all site plans and traffic-impact studies comply with local and federal regulations.

- Access Management/Functional Classifications
- Complete Streets
- Community Outreach/Public Involvement
- Congestion Management Planning
- Congestion Pricing and Managed Lanes Travel
- Demand Analysis
- Data Mining/Management
- Freight Assessments and Studies
- Interchange Proposal Review and Development
- Legislative/Regulative/Policy Analysis
- Site Impact and Growth Management Reviews
- Mobility Study
- Modal Application
- Multi-Modal Corridor Analysis



OFFICE LOCATIONS

MARLIN Engineering, Inc.
1700 NW 66th Avenue, Suite 106
Fort Lauderdale, FL

Dover, Kohl & Partners
1571 Sunset Drive
Coral Gables, FL 33143

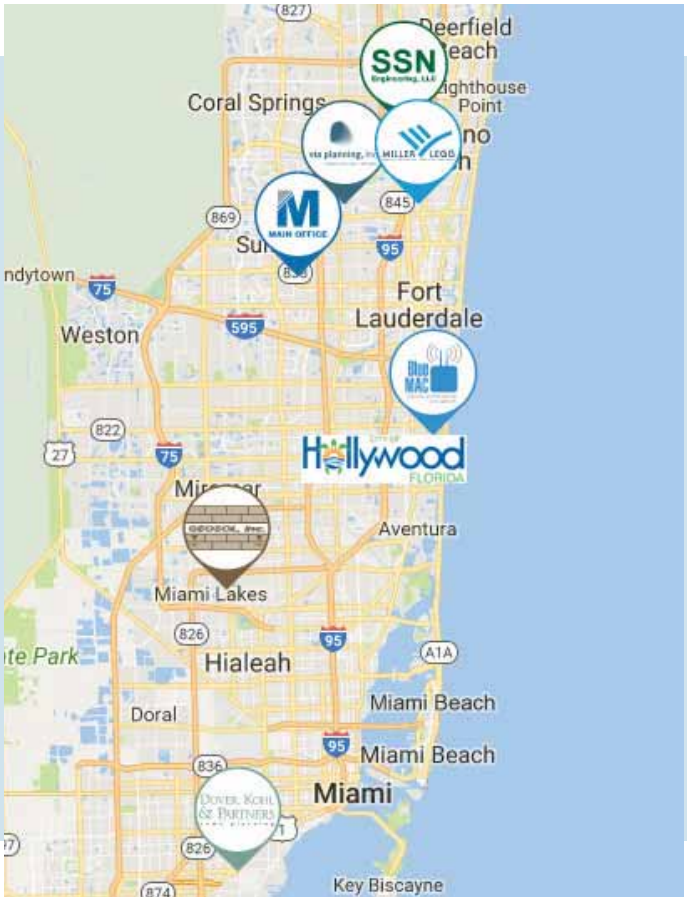
Miller Legg
5747 N Andrews Way
Ft. Lauderdale, FL 33309

Via Planning, Inc.
2101 W Commercial Blvd, Suite 3200
Ft. Lauderdale, FL 33309

Geosol, Inc.
5795-A NW 151st Street
Miami Lakes, FL 33014

SSN Engineering, LLC
1925 NW 18th Street, Suite 30
Pompano Beach, FL 33069

BlueMAC Analytics
1253 Coral Lane
Hollywood, FL 33019



AVAILABILITY

WE ARE "ON-CALL" AS NEEDED.

MARLIN has recent relevant experience with on-call contracts and understands that communication and commitment are critical to our client relationships. **MARLIN is 100% committed to serving the City of Hollywood CRA and both Jose Sanitago, PE (Project Manager) and Raul Dominguez, PE (Deputy Project Manager) will be available 24/7/365.** Our experience allows us to perform successfully on all of our contracts, responding in a responsible and timely manner, and being available when needed. We have developed a management system that allows us to effectively manage many projects simultaneously, coordinating sub-consultants into one cohesive team that can adapt to changing project needs. The assigned team will be fully flexible and responsive to accomplish all tasks assigned under this contract with the utmost quality.

The MARLIN personnel assigned to this project will be available to perform the work in a timely and responsible manner. Our personnel currently have excess capacity in our workload and are ready to begin serving the CRAs needs on this contract. We have availability of man-hours to put towards new contracts and we hope that we can provide that time and our services to the City of Hollywood CRA.

We also have the **commitment of our subconsultants**, that they have the resources and availability to provide services on this contract.

MARLIN utilizes an employee/staff **schedule planning calculator** based on projected workloads to ensure our clients' desires are met and we are able to protect our reputation for completing projects on-time. Many organizations have difficulty defining staffing requirements, but MARLIN's planning method has enabled our organization to preserve consistent staffing numbers to respond to our client's needs and requests. This innovative method of staffing 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 establish the optimal number of staff required to complete each project; which improves the overall efficiency of our operations.

OUR PROPOSED TEAM

DOVER, KOHL & PARTNERS was founded in 1987. Their expertise lies in balancing the visionary 'civic art' of planning with the practical consensus building needed to make projects succeed. Dover Kohl is trained in the principles of sustainable town planning, and have perfected techniques for documenting and understanding local traditions in building to enhance each community's sense of place.

Dover Kohl plans and codes focus on smart growth, sustainability, and emphasizing that there does not have to be a trade-off between livability, economic prosperity, and environmental concerns. Victor Dover and Joseph Kohl are charter members of the Congress for the New Urbanism and have worked for many public agencies, developers, and citizen groups to create appropriate methods of land development regulations. Victor Dover served on the **LEED for Neighborhood Development Core Committee**, and the Congress for the New Urbanism Board; both Joseph and Victor are founding members and on the Board of the Form-Based Codes Institute. The firm has produced and facilitated over 200 charrettes during the last decade.

Victor Dover and John Massengales's new book, **Street Design: The Secret to Great Cities and Towns**, is on bookshelves now. Over the past three years, Victor and John have traveled across the US, Europe and Central America to compile research for the book, amassing a collection of over 15,000 photographs and measurements of hundreds of compelling examples, including historic, retrofitted, and new streets. Writing the book has helped the Dover-Kohl team reach a new understanding of the possibilities for streets in American cities in modern times. Dover Kohl especially understands how to preserve local distinctiveness and a sense of place while also enhancing usability for all modes of travel – pedestrians, bicyclists, motorists and transit users – and creating great addresses.

MILLER LEGG is a statewide award-winning consulting firm that brings together the elements of landscape architecture and urban design, engineering, surveying, planning, environmental wetlands consulting, and geographic information systems services.

Miller Legg, established in 1965, employs a staff of over 50 professionals and technicians and is wholly owned by its employees. The firm has locations in Fort Lauderdale, Miami and Port St. Lucie.

The firm's landscape architecture services include: planting, hardscape, irrigation, urban design, complete street design, recreational and commercial planning, project theming, signage design, graphic design, contract administration, construction observation services, plan review, horticultural consulting and arboriculture.

Miller Legg has been involved with Landscape Architecture for streetscape projects throughout South Florida for more than 25 years. Project experience ranges from reconstruction of **SR A1A/Biscayne Blvd.** at the AA Arena to small neighborhood mobility / traffic calming projects, including two segments in **Hollywood, 14th Avenue and 56th Avenue**. All projects include vehicular, pedestrian and bicycle facilities. Landscape can play a role in traffic calming, provide barriers and enhance the project corridor. Their **Miramar Parkway Complete Streets** Lane Reduction project included narrowed lanes, bicycle lanes and expanded pedestrian walkways. Landscape was introduced within the pedestrian walkways and heavier landscape within the median to aide in traffic calming to provide safer passage of pedestrians and cyclist through a walkable suburban commercial/retail district.

VIA PLANNING, INC. is a certified small minority women-owned business enterprise located in southeast Florida. VIA specializes in traffic engineering and transportation planning, and provides a wide range of services including traffic impact analysis, design traffic/project traffic, traffic operations analysis, growth management, lane elimination, traffic calming, complete streets, traffic signal timing, traffic design and conceptual design, as well as public relations and community outreach. Established in 2014, they are committed to providing quality services through a results-drive and collaborative approach. VIAs dedicated staff are registered Professional Engineers (PE) in Florida and Professional Traffic Operations Engineers (PTOE) with over 25 years of combined experience, and consist of consensus-building, passionate project managers with strong commitment to client-service.

SSN ENGINEERING, LLC will be in charge of Drainage/Stormwater related tasks. SSN is a multi-disciplinary engineering firm that provides roadway/highway design, transportation planning, traffic engineering, pavement design, and infrastructure management. SSN's professionals are experienced in preparation of contract documents, roadway plans, typical section package, signing and pavement marking plans, construction details, MOT plans, permits, drainage design, utility coordination, final quantities and estimates, final plan submission reviews, and supervision of drafting personnel. Experienced in providing cost effective design solutions to modify existing ADA ramps, existing drainage condition, exception/variation package, reconstruction of intersection, modification of existing railroad crossings, designing of asphalt pavement, and modification to access management issues.

GEOSOL, INC. is a small, local professional firm that was established in 2000. Since its inception, the firm has grown from 2 to 12 employees. Geosol provides geotechnical engineering and testing services, including subsurface exploration studies, laboratory testing, engineering, consulting, and design of foundation systems. The firm has a reputation for providing high quality, creative and cost effective geotechnical engineering solutions for clients in the private and public sectors. Geosol has become very actively involved in the rapid growth of South Florida and has already participated as a Soils, Foundations and Materials Testing sub-consultant in more than 1000 major projects. Geosol clients include Broward County Public Works Department, FDOT, Tri-County Commuter Rail Authority Miami-Dade, Miami-Dade County Transit Authority, County Housing Agency, Miami-Dade County Public Works Department, and South Florida Counties. Geosol engineers have over 50 years of combined geotechnical experience and knowledge to evaluate subsurface conditions to provide sound, practical and cost-effective foundation and earthwork design solutions and recommendations. Services and capabilities include:

- Bridge Foundation Analysis and Design
- Building Foundation Analysis and Design
- Earth Retention Systems Analysis & Design
- Foundation Cost Evaluations
- Foundation Inspection and Testing
- Geotechnical Instrumentation
- Geotechnical Laboratory Testing
- Geotechnical/Subsurface Explorations
- Ground Improvement Feasibility Studies
- Marine Facilities Analysis and Design
- Pile Driving Analysis (PDA)
- Pile Integrity Testing (PIT)
- Roadway Soils Survey
- Slope Stability Evaluations
- Wave Equation Analyses of Driven Piles

BLUEMAC ANALYTICS is a traffic hardware and software solution provider covering the ITS industry. Their team has a long running tradition of providing high quality travel time and origin-destination data to public agencies and private firms worldwide for more than a decade.

BlueMAC is an ISO 9001:2008 certified firm who has worked with numerous clients on Bluetooth® data projects for Travel Time, Origin-Destination, Travel Demand Model calibration, Signal Timing, Port Analytics, among many other implementations. Their hardware development has included Bluetooth and Bluetooth Low Energy data collection; including custom hardware development and manufacturing for a large number of agencies and engineering firms worldwide. In 2007, they began research and development into Bluetooth data collection. In 2010, the BlueMAC line was officially launched with the first large deployment happening later that year. Since that time, BlueMAC has been used on over 2,400 project based efforts.

Additionally, permanent deployments exist worldwide on 4 continents including the world's largest permanently deployed solar powered Bluetooth system. Major clients include engineering firms with global presence and a number of high profile agencies, including the Florida Department of Transportation, City of Orlando and Portland Bureau of Transportation (USDOT smart cities finalist).

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PAST PERFORMANCE & SIMILAR EXPERIENCE

EXPERIENCE

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 served most municipalities throughout South Florida and understand the keys to success for this contract by providing deliverables that are innovative, consistent with the goals of the community and at the same time are delivered within budget and schedule.

The MARLIN in-house team offers a deep pool of technically outstanding and reliable staff that have the professional knowledge and experience to accomplish any of the tasks detailed in the Scope of Services with the capability of conducting multiple tasks simultaneously.

We have worked in most of the 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 serve our community at the city, county, and state level. Institutions on each level have entrusted MARLIN with providing quality service, as well as, innovative solutions for solving complex design issues.



SIMILAR CONTRACTS

Traffic Engineering Consultant, City of Parkland
Traffic Engineering Consultant, City of Coral Gables
General Engineering Consultant, City of South Miami
General Engineering Consultant, Town of Cutler Bay
General Engineering Consultant, City of Homestead
General Engineering Consultant, SFRTA
General Engineering Consultant*, Broward MPO
General Planning Consultant, Miami-Dade County TPO
D/W Traffic Data Collection, FDOT District 6
D/W Miscellaneous Planning Studies, FDOT District 4
D/W Transportation Operation Studies, FDOT District 6
D/W Minor Design, FDOT District 4
Traffic Engineering Consultant, City of Aventura
General Engineering Consultant, Miami-Dade County
General Engineering Consultant, City of Doral
General Engineering Consultant, City of Delray Beach
General Engineering Consultant, Town of Miami Lakes
Traffic & Transportation Engineering*, City of Fort Lauderdale
Engineering & Planning Consultant, Village of Palmetto Bay
Transportation Planning Consultant, Martin County MPO
General Planning Consultant, FDOT District 4
Statewide Roadway Data Collection, FDOT Central Office
D/W Traffic Operations and Safety Studies, FDOT District 6
D/W Access Management, FDOT District 4

* Subconsultants

MARLIN'S PAST PERFORMANCE ON MUNICIPAL CONTRACTS

PROJECT	DESCRIPTION I ROLE: PRIME/SUB	RESULTS: SUCCESSFUL PROJECTS	CLIENT/CONTACT	TYPE $	DURATION
General Engineering Consultant	PRIME - Professional Transportation Planning and Engineering services including: roadway design; civil engineering; transportation planning, traffic engineering; complete streets, surveying, environmental, construction management, and project management.	• Citywide Green Sharrows • SW 64th Street Protected Bike Lanes • West and South Pinecrest Villas Area Wide Traffic Calming Master Plan and Design	City of South Miami Aurelio Carmenates 305-403-2063	Task Work Orders	2017-Current 2013 - 2016
Transportation Planning Consultant	PRIME - Transportation planning, mass and rapid transit planning, traffic engineering, design, survey and public involvement.	• Bike Friendly/Protected Bike Lanes Master Plan & Design • Safe Routes to School • 2045 Freight Update • Signage Program for Miami Health District • Connecting NW 25th Street to HEFT • Parking Study for Freight Transport • Transportation & Economic Impact Freight Study	Miami-Dade MPO David Henderson 305-375-1647	Task Work Orders	2015 - Current 2008 -2012
General Engineering Consultant	PRIME - Professional Engineering services including: transportation planning, design and construction management for roadways, drainage, structural, bridge, traffic engineering, civil/site planning, water and sewer, environment, permitting, land use and zoning, construction management, and project management.	• NW 92nd Avenue Reconstruction • NW 50th Street Bike Path • NW 112th Avenue Design • NW 33rd Street D/B Criteria • Florida Green Building Coalition Re-Certification • 5-Year Pavement Management Program • Citywide Traffic Calming Master Plan • Various Traffic Calming Studies	City of Doral Jorge Gomez 305-593-6740	Task Work Orders	2015-Present 2008-2013
General Engineering Consultant	PRIME - Professional Engineering services including: civil engineering; roadway design; environmental; traffic engineering; transportation planning, surveying, construction management, and project management.	• Old Cutler Road Improvements ***(Award Winning Project)*** • Townwide Traffic Calming Alternatives Master Plan • Traffic Calming Study • SW 100th Avenue Design • Town Hall Landscape Plan • Street Tree Master Plan • SW 208th Street Design & CEI • Town Hall Parking Lot Design • Boat Ramp Design • Intersection Inventory • Multi-Way Stop Sign Warrant Study	Town of Cutler Bay Alfredo Quintero Jr. 305-234-4262	Task Work Orders	2014 - Current 2008 -2014
General Engineering Consultant	SUBCONSULTANT - General civil engineering and transportation planning services including: roadway design; civil engineering; traffic engineering; transportation planning and surveying.	• Kinney Tunnel Pedestrian Plaza • Citywide Wayfinding Signage	City of Fort Lauderdale Jessica Jocelyn (Kittelson & Assoc.) 954-828-1730	Task Work Orders	2016 - Current

PROJECT	DESCRIPTION I ROLE: PRIME/SUB	RESULTS: SUCCESSFUL PROJECTS	CLIENT/CONTACT	TYPE $	DURATION
Transportation Planning and Engineering Consultant	PRIME - Professional Planning and Engineering services including: roadway design; civil engineering; GIS; surveying environmental; surveying; construction management, and project management.	• Downtown Study • Traffic Calming Master Plan • Various Traffic Calming Studies and Design Projects	Village of Palmetto Bay Corrice Patterson 305-259-1234	Task Work Orders	2013 - Current 2003 - 2008
Civil Engineering Consultant	PRIME - General Engineering services including: roadway design; civil engineering; environmental engineering; traffic engineering; transportation planning and surveying.	• Design of Drainage Improvements for West Lake • Misc. Streetscape Improvements • Traffic Operations and Mobility Study • Main Street and Bull Run Road Design • NW 67th Avenue at SR 826 Design Feasibility Study • NW 82nd Avenue and Oak Lane • Townwide Bicycle/Pedestrian Improvements	Town of Miami Lakes Carlos Acosta 305-512-7129	Task Work Orders	2012 - Current
Traffic Engineering Consultant	PRIME - Transportation Planning and Traffic Engineering services, including: traffic studies, parking studies; neighborhood traffic management; multi-modal traffic planning and design, roadways/transportation planning and design, bicycle and pedestrian paths design and integrated mobility options; traffic calming.	• Aventura Medical Center Development Review	City of Aventura Joanne Carr 305-466-8943	Task Work Orders	2016 - Current
Traffic Engineering Consultant	PRIME - Traffic Engineering and Planning services, including: traffic studies, parking studies; neighborhood traffic management; design, transportation planning, bicycle/pedestrian; traffic calming; complete streets.	• McJunkin Farms Development Review	City of Parkland Sowande Johnson 954-757-4144	Task Work Orders	2016 - Current
General Engineering Consultant	PRIME - General Engineering services including: roadway design; civil engineering; environmental engineering; traffic engineering; transportation planning and surveying.	• Greenways Biscayne Trail Segments C & D • AD Barnes Park	Miami-Dade County Adelfa Martinez 305-755-7815	Task Work Orders	2006 - Ongoing
Transportation Planning Consultant	PRIME - Transportation planning, transit planning, traffic engineering, congestion management, complete streets, plans and development reviews, regional and long range planning, and public/community involvement.	• FEC Railroad Grade Separation Feasibility Study	Martin County MPO Alice Bojanowski 772-320-3015	Task Work Orders	2016 - Ongoing
Transportation Planning Consultant	SUBCONSULTANT - Transportation planning, program administration, traffic engineering, congestion management, plans and development reviews, regional and long range planning, transportation improvement program, public involvement, transit planning, and bicycle/greenway and pedestrian planning.	• Development of the Unified Planning Work Program (UPWP)	Palm Beach MPO Jessica Jocelyn (Kittelson & Assoc.) 954-828-1730	Task Work Orders	2016 - Ongoing

HOLLYWOOD BLVD. COMPLETE STREETS

Hollywood, FL

The City was awarded a grant for approximately $6.8 million with the condition that the design incorporates various elements of “complete streets”. For this project, FDOT used a multimodal approach to roadway planning – instead of widening the street for vehicles, they recommended improvements to create a livable community that is safe for biking, walking, and transit. New design integrates place-making design concepts that bring mixed use and creates a street that is safe and comfortable for children, wheelchair users, and sidewalk retailers.

Proposed improvements include:

- New paving, striping and surface drainage configuration
- New ornamental plantings along the corridor (trees, palms, flowering shrubs and groundcover). New pedestrian crosswalks with center refuge median and center walkway spline, including new pedestrian scale lighting, new colored concrete walks,safer parking configuration, new 5-foot wide bike lanes with buffer zone, and new American with Disabilities Act-compliant (ADA) parking spaces and accessible ways.

MARLIN’s Roadway Design Department was responsible for signals, decorative lighting, signing and pavement markings, and coordinating with FDOT District 4 in-house design staff.

REFERENCE
Florida Department of Transportation District 4
Betsy Jeffers
954.777.4061
Betsy.jeffers@dot.state.fl.us

PROJECT DATES
2016-2017

$ VALUE
$75,000

Greenways Biscayne Trail is a 36.2 mile long multi-use trail that includes a Project Development & Environmental (PD&E) study, trail design and construction management services.

For this LAP project, MARLIN prepared a study documenting the requirements for preliminary design, including existing conditions, typical sections, right-of-way requirements, environmental impacts, development of three Build alternatives and costs of improvements for Segments C & D. The study was performed in accordance with FDOT's PD&E Manual.

- Collection of all existing engineering and environmental data required for possible improvements to the existing L-31 E and North Canal levee.
- Recommendation of corridor development, based on subsequent data analysis, operational, safety, and aesthetic improvements.
- Consideration of improvements positively impacting safety and operations throughout the surrounding corridor.
- Identification of all existing deficiencies and development of alternatives to address those deficiencies.
- Recommendation of a preferred alternative in the study of Biscayne Trail Segments C&D connecting Black Creek Trail Segment A with SW 137 Avenue (Speedway Blvd.).
- Report of the analysis and conclusions.
- Final Design Plans.
- Construction documents and construction management.
- Coordination with permitting agencies such as FDOT, SFWMD, DERM, US Army Corps of Engineers and US Wildlife and Fishing

GREENWAYS BISCAYNE TRAIL

Miami-Dade County, FL

LAP PROJECT

REFERENCE
Adelfa Martinez
305.755.7815
adelfaM@miamidade.gov

PROJECT DATES
Planning - 2014
Design - Ongoing

$ VALUE
$450,000

MARLIN is the general engineering consultant for the Town of Miami Lakes and is providing design services for the Townwide Bicycle and Pedestrian Improvements, a LAP approved project.

Services associated with this contract include: sidewalk and crosswalk improvements along each side of the existing typical section of four selected corridors in the Town of Miami Lakes. The sidewalk improvements will be in accordance with the American with Disabilities Act (ADA) requirements.

MARLIN is coordinating with the Town to provide a typical section that incorporates the Town's complete streets vision within the available right of way. Using an innovative approach, MARLIN has positioned the Town to eliminate any throw-away typical, conserving LAP dollars, reducing construction duration, and maximizing public right of way.

MARLIN is documenting all impacts through the NEPA process and assisting the Town of Miami Lakes in their coordination of the LAP process with FDOT in accordance with the FDOT LAP Manual. Coordination includes the review of all available environmental information such as, and not limited to, identifying the presence of wetlands, contaminated sites, flood maps, potential impacts to cultural resources, and land acquisition. We are conducting site reconnaissance and preparing a Site Condition Memorandum with photo-documentation in order to help determine the Environmental Class of Action needed, in concurrence with the design team and Town Project Manager.

TOWNWIDE BICYCLE AND PEDESTRIAN IMPROVEMENTS

Miami Lakes, FL

LAP PROJECT

REFERENCE
Carlos Acosta
305.512.7129
acostac@miamilakes-fl.gov

PROJECT DATES
2017-Ongoing

$ VALUE
$220,000

MARLIN provided engineering services for this 65-acre park including design, permitting, and construction administration for various trails and trailheads 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. Development on and adjacent trailheads, 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.

Other tasks included water quality and quantity determination. Calculating the length of self-contained exfiltration trenches to compensate the water quality and quantity volume. Grading the site to eliminate standing water in proposed improved area.

AD BARNES PARK

Miami, FL

REFERENCE
Adelfa Martinez
305.755.7815
adelfaM@miamidade.gov

PROJECT DATES
2014

$ VALUE
$158,011

NE 13TH STREET COMPLETE STREETS

Fort Lauderdale, FL

Located within the Central City CRA, the NE 13th Street Complete Streets Project aims build an environment that accommodates access and travel for all community members. The project includes lane reductions, bike lanes, enhanced crosswalks, pedestrian scale street lights, on-street parking, landscaping, and ADA improvements. The project is contained within NE 13th Street between NE 4th Avenue and NE 9th Avenue.

The project is operating in conjunction with the Fast Forward Fort Lauderdale 2035 Vision Plan and Press Play Fort Lauderdale 2018 to foster a more closely interwoven community in Fort Lauderdale brought together by multi-modal transportation. The project also includes a business district among other features that encourage pedestrian-friendly activities, improve safety, facilitate economic development, and plant the seed for a healthier environment. The City of Fort Lauderdale is implementing Complete Streets roadway projects across the city.

MARLIN was tasked with performing public information outreach services to the public during the construction phase of the project. PIO services required for the consultant to have a firm grasp of Complete Streets to both educate the surrounding community of how to navigate roundabouts safely and why they make streets safer for all modes of transportation.

REFERENCE
Christine Fanchi
City of Fort Lauderdale
954.828.5226
cfanchi@fortlauderdale.gov

Kittelson and Associates
Jessica Josselyn
954.828.1730
jjosselyn@kittelson.com

PROJECT DATES
2016-2017

$ VALUE
$28,000

MARLIN serves as General Planning Consultant to the Miami-Dade TPO providing professional services on various task work orders.

MARLIN is leading the development of the Miami-Dade TPO Protected Bike Lanes Demonstration Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) will create a county-wide low-stress bikeway network connecting existing bike facilities, population centers, employment areas, educational facilities, recreational facilities, other civic institutions to existing and planned transit facilities including the SMART Plan corridors. The study identifies two pilot projects for fast-track implementation.

PROTECTED BIKE LANES DEMONSTRATION PLAN

Miami-Dade County, FL

REFERENCE
Miami-Dade Transportation Planning Organization (TPO)
David Henderson
305.375.1647
dhenderson@miamidadempo.org

PROJECT DATES
2017

$ VALUE
$60,000

Photo Credit: Village of Palmetto Bay, www.palmettobay-fl.gov

DOWNTOWN REDEVELOPMENT STUDY

Palmetto Bay, FL

This project was awarded the 2015 Florida Planning and Zoning Board "Outstanding Plan Study". A proposed project consisting of 6,000 new residential and 400,000 SF retail/office land uses, to be built in three development phases occurring in 2025, 2035 and 2045.

The proposed redevelopment included a significant densification of the existing downtown area introducing new mixed use developments. Tasked with analyzing and documenting the results of existing and phased future transportation impacts of the proposed downtown redevelopment including how trips could be internalized between complementary land uses. This study analyzed the transportation corridor segments and intersections in accordance with the Village requirements and approved methodology, which specified an analysis of existing conditions and future conditions without the downtown project (background traffic) and future conditions with the downtown project (total traffic).

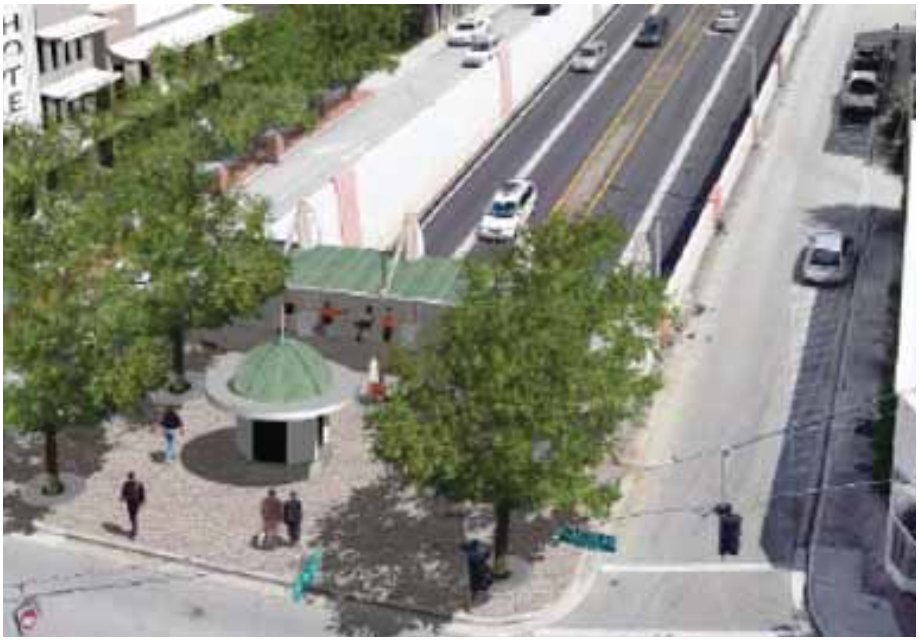
The results of the study recommended the development of a new local street to support a grid network, signal network and intersection cycle lengths were optimized for future total traffic conditions along with some geometric improvements and a series of improvements to promote use of public transportation as well as promoting bicycling and walking, including: installation of on-site bicycle racks or parking stations; provide transit information stations within the site including route schedules and maps; Transit-oriented amenities; design/construct the site in a bicycle/ pedestrian-and transit-friendly fashion.

MARLIN managed the study to document the traffic and transportation needs of the proposed downtown redevelopment plan. We analyzed and documented the results of existing and phased future transportation impacts including how trips could be internalized between complementary land uses. Our traffic engineers and planners recommended the development of a new local street to support a grid network, signal network and intersection cycle lengths were optimized for future total traffic conditions along with some geometric improvements and a series of improvements to promote use of public transportation as well as promoting bicycling and walking. The study included road closures, proposed traffic circles and traffic counts.

REFERENCE
Village of Palmetto Bay
Corrice Patterson
305.259.1234
cpatterson@palmettobay.fl.gov

PROJECT DATES
2014

$ VALUE
$39,725



KINNEY TUNNEL PEDESTRIAN PLAZA

Fort Lauderdale, FL

MARLIN was contracted by the City to provide planning services to assist in the development of a signature pedestrian plaza to be built over the Kinney Tunnel in Downtown Ft Lauderdale. The tunnel is eligible for historic designation and in order to implement the pedestrian plaza a Section 106 report must be submitted to the State Historical Preservation Office (SHPO) for a determination of impact and further action. MARLIN compiled documentation of significant archaeological, engineering and architectural, features for submission to SHPO and also included an assessment of pedestrian/bicycle safety to justify the need for an improved pedestrian environment. MARLIN facilitated meetings with SHPO, FDOT, FTA and the City and are aware that the proposed project will receive and determination adverse effects.

Strengthening the link between the two sides of the tunnel was initially contemplated during the Broward Boulevard Gateway Study and then the Walkability Study. It is also supported by the Property Owners of Las Olas (POLO), the local property owners/stakeholders to the project. The concept is to expand the “roof” of the tunnel northwards to create a pedestrian plaza where the narrow sidewalk is today. Creating a Tunnel Plaza on the north side of Las Olas Boulevard would improve pedestrian connectivity, provide a respite for visitors to get information and get oriented, and would vastly improve the visibility of motorists negotiating the Las Olas intersection.

In addition to promoting pedestrian safety, these enhancements also have the potential to incorporate sustainability components to beautify the neighborhood and serve as an iconic attraction. The following renderings illustrate the existing conditions, proposed improvements, and sectional drawings illustrating the estimated clearances of the tunnel. The first renderings are from the Broward Boulevard Gateway study followed by the concepts prepared by TBG Partners for the Downtown Development Authority.

MARLIN is now scoping a new task work order to assist in the development of design concepts that will celebrate the history of the bridge and to develop the mitigation agreements and memorandum of understanding between the City, FDOT and SHPO.

REFERENCE
City of Fort Lauderdale
Elizabeth Van Zandt
954.828.3796
evzandt@fortlauderdale.gov

PROJECT DATES
2016

$ VALUE
$5,000

MARLIN is performing a variety of services as a subconsultant under a continuing services contract with the City of Fort Lauderdale. Professional services range from survey, subsurface utilities exploration (SUE), design and planning. Significant work orders to date include the development of the aesthetics and structural design for a **pedestrian wayfinding signage** plan, providing coordination between the public and businesses as construction PIO and SUE. For the wayfinding project, MARLIN developed the aesthetic and design plans for pedestrian directional sign types including structural design, height of the sign to allow for larger print, curved edges utilizing the proposed downtown Ft. Lauderdale color scheme and wind load calculations. Construction plans and details were provided that include all structural members' plans, sections, elevations and detail as required, foundation details, member to member connection details and notes.

MARLIN prepared calculations including include load calculations (including wind load calc.), structural analysis, and member design (size and thickness). We also prepared the construction plans and details that included all structural members' plans, sections, elevations and details, foundation details, member to member connection details and notes.

MARLIN has also performed services as **Construction Public Information Officers** for a controversial **complete street project** where 2 roadway lanes of a collector facility were repurposed for on-street parking and a traffic signal was be removed and replaced with a traffic circle. MARLINs role was to communicate with the local neighborhoods and adjacent businesses as the community was very concerned about construction impacts and resulting traffic congestion. MARLIN was responsible for 24/7 communications on a dedicated phone line, attended all project Progress Meetings as scheduled by the Contractor and the CEI Consultant, met with affected property owners and tenants door-to-door, provided information on the project, including progress of the work and any street closures required to perform the work and developed/implemented a truck rerouting plan. MARLIN has been recognized several times by the project manager for our outstanding effort on this project.

MARLIN performed **Subsurface Utility Exploration** for a proposed **complete street project** on a local street that had not been excavated for many and no as-built plans were available. MARLIN performed: Utility Coordination/CADD – Including identification of existing utilities, contact with utilities to obtain existing facilities and development of CADD deliverables showing approximate horizontal location of existing utilities; Ground Penetration Radar – Including the determination of the horizontal locations of designated "sweep areas" as highlighted by the City of Fort Lauderdale in the plan sheets; Four Utility Test Holes including Mobilization, Designation, Location, and Survey as determined by the City at the proposed water meter and designated "sweep areas" and prepared a Geotechnical Report that included water table level, soil boring capacity, and recommendations for shallow mat foundations. One (1) Standard Penetration Test (SPT) borings to a depth of 10 feet below existing grade in the center of a proposed planter borings to a depth of 10 feet below existing grade in the center of the proposed plantercom.

GENERAL ENGINEERING CONTRACT

Fort Lauderdale, FL

REFERENCE

City of Fort Lauderdale
Elizabeth Van Zandt
954.828.3796
evzandt@fortlauderdale.gov

City of Fort Lauderdale
Alexandra Saiz
954.828.3721
asaiz@fortlauderdale.com

Kittelson and Associates
Jessica Josselyn
954.828.1730
jjosselyn@kittelson.com

PROJECT DATES

2016-Ongoing

$ VALUE

Various
Task Work Orders

SR 811 DIXIE HIGHWAY

Broward County, FL

SR 811/Dixie Highway is a four-lane urban arterial approximately 3.640 miles in length. It is located within or adjacent to the Cities of Wilton Manors, Oakland Park, Fort Lauderdale, and Pompano Beach in Broward County, Florida.

The scope of work includes milling and resurfacing of the asphalt pavement, evaluating closure or modification of abandoned/nonfunctional driveways, installing video detection and pedestrian features at signalized intersections where required, evaluating existing drainage conditions, add drainage structures to mitigate ponding at NE 30th St., add bicycle lanes, replace existing strain poles systems with mast arms at Oakland Park Blvd. and NE 34th Ct., and providing new signing and pavement markings to meet the latest Department Standards and 3R Criteria. Americans with Disabilities Act (ADA) improvements consists of repairing deficient sidewalk and replacing noncompliant curb ramps, adding landing pads at bus stops. Also included signalization upgrades, landscaping/hardscaping improvements, evaluation of the existing lighting system for the project corridor and preparation of a Lighting Analysis Report and Design, crash barrier retrofit on bridge 860031 and upgrade and/install loops and equipment at four TMS Sites within the project corridor.

Survey services consisted of providing horizontal/vertical control, baseline survey, Right of Way survey, topographic/DTM, cross sections and signal light survey.

REFERENCE
Florida Department of
Transportation District 4
Bing Wang
954.777.4406
bing.wang@dot.state.fl.us

PROJECT DATES
2010-2015

$ VALUE
$946,822

TRAFFIC ENGINEERING CONSULTANT

Parkland, FL

As the City's Traffic Engineering Consultant, MARLIN is responsible for providing the a variety of engineering planning and design services including:

- Participation in the City's Development Review Committee meetings
- Review of development petitions (Master Plans, Site Plans, Plats, etc.) and associated traffic impact studies for compliance with City codes.
- Coordination with consultants to resolve issues relating to the interpretation and implementation of Traffic Performance Standards.
- Review of impacts of the development petitions traffic on existing road networks with particular emphasis on surrounding residential neighborhoods.
- Review of proposed roadway improvement recommendations for compliance with established criteria and to ensure that all traffic impacts caused have been properly addressed.
- Review of development petitions internal design geometry and circulation.
- Review of existing or proposed conditions as they affect conditions along city streets and make recommendations to changes or improvements.
- Review of proposed projects in adjacent municipalities that may impact the City.
- Provide Traffic Transportation Planning input relative to zoning amendments/changes and comprehensive plan changes.
- Update the City's Transportation Element of the Comprehensive Plan as required.
- Identify treatments for traffic problems such as congestion, parking, accidents, etc.

REFERENCE
City of Parkland
Sowande Johnson
954.757.4165
sjohnson@cityofparkland.org

PROJECT DATES
2016-Present

$ VALUE
Various
Task Work Orders

GENERAL CONSULTANT

South Miami, FL

REFERENCE
City of South Miami
Aurelio Carmenates
305.403.2063
ACarmenates@southmiamifl.gov

PROJECT DATES
2017-Current
2013-2016

$ VALUE
Various
Task Work Orders

MARLIN is a General Engineering Consultant to the City of South Miami. Services include: civil engineering; transportation planning, environmental engineering; traffic engineering; surveying, community outreach and construction administration.

FEATURED PROJECTS

West and South Pinecrest Villas Area Wide Traffic Calming Master Plan and Design. Prepared an area-wide traffic calming master plan. The study reflected traffic calming measures in an effort to reduce or eliminate cut-thru traffic and speeding within the neighborhood. Analyzed local traffic patterns based on Miami-Dade County Traffic Flow Modification guidelines and standard procedures Existing traffic conditions at critical locations and roadway segments were addressed by proposing appropriate countermeasures. MARLIN also met with residents to provide them with an opportunity to identify the existing traffic issues within the study area and to provide direction for the study's focus. Tasks included: field review and inventory, traffic data collection, determination of critical locations, traffic calming analysis, and preparation of a recommendations, County approval and permitting.

Following the master plan, MARLIN prepared the design of final construction plans and technical specifications, including obtaining necessary permits from MDPWD as well as provided post design services including preparation of bid documents and construction inspections.

Citywide Green Sharrows. The City wants to provide the community with sustainable, safe and effective alternatives to personal motorized vehicles. To improve mobility and encourage safer driver's behaviors, the City tasked MARLIN to develop a design and prepare construction documents for the installation of Citywide Neighborhood Greenway and Sharrows as identified in the South Miami Intermodal Transportation Plan.

SW 64th Street Protected Bike Lanes. Design services for the installation of bicycle lanes with separation from the travel lanes in each direction along SW 64th Street from SW 62nd Avenue to SW 57th Avenue (Segment 1) and Installation of shoulders (designated bicycle lane) adjacent to the main travel lanes in each direction along SW 64th Street from SW 69th Ave to SW 57th Ave (Segment 2). MARLIN is providing Project Management, Roadway and Drainage Design, Utility Coordination, Permitting and Construction Administration and Inspection services.

Cocoa Beach Gateways Master Plan

Cocoa Beach, FL

PROJECT DETAILS

Project Area:	Approx. 3 square miles
Client:	The City of Cocoa Beach
Year Designed:	2014
Website:	http://www.cityof-cocoabeach.com/FlashHomePages/government_home.html

For more information, visit doverkohl.com.

The development of a vacant 8-acre parcel, along with the transformation of SR 520 into a multiway boulevard establishes a destination along the Banana River and marks one of the major entrances to the City.

The Project

Cocoa Beach is emerging from a period of limited development and growth. The City hired Dover, Kohl & Partners, assisted by Spikowski Planning Associates, EPR, and Community Design Associates to help reverse this trend and encourage private investment to attract more visitors, businesses, sales, and, ultimately, tax revenue. The City's Charter, Comprehensive Plan and Zoning Code have intermingling development restrictions that resulted in decades of practically no development. The plan includes suggested revisions of the most stringent regulations, permitting new growth.

The Gateways Master Plan is comprised of three distinct study areas, each of which has underutilized spaces that have the potential to become great centers of activity. The plan looks at key development areas and provides sample plans that create a sense of arrival at each of the northern entrances to the City.

The Process

A five-day design charrette was held in January 2014 which brought together community members, community leaders, elected officials, property owners, and the design team to work together toward a common vision for Cocoa Beach. The design team helped to establish local consensus and worked with the community to see the potential that Cocoa Beach has to offer through hands-on design exercises. Forming a general consensus establishes a base for future public support which is often necessary to erase roadblocks in the regulations and enable the desired types development.

Status

The plan was reviewed by Cocoa Beach Commissioners and was unanimously passed in June 2014. Changes to land development regulations and Comprehensive Plan are in progress.

left: Illustrative Plan

right: SR 520 becomes a walkable destination with street-oriented building fronting a multi-way boulevard.

DOVER, KOHL & PARTNERS
town planning

Broadway - A Cocoa Beach Signature Public Space

The end of SR 520 between A1A and Ocean Beach Boulevard has the opportunity to become a signature attraction in Cocoa Beach. The wide right-of-way is controlled by the City.

Taking a closer look at the opportunity this "Broadway" area has to offer, this under-utilized space comes alive. The street should be formalized with regularly spaced street trees, pedestrian-scaled lighting and connected sidewalks that reemphasizes this grand entrance to Cocoa's Beach greatest asset, the beach.

This public space will not be successful without the addition of mixed-use street-oriented buildings to line the street. The retailers and restaurants encourage activity with street-facing storefronts and outdoor dining that take advantage of the comfortable space.

Designed within the existing grassy median, the new space consists of three segmented medians. The western segment is complete with benches to relax by the calm fountains and watch people as they pass by, enjoy their meals under umbrella tables, or simply walk their dog in the grassy areas. At night, the pedestrian-scaled light posts, open and lighted shopfronts and residences or hotel rooms above make the space a safe and interesting night out.

New pedestrian paseos designed in the north and south blocks provide another layer of pedestrian connectivity and open up into small plazas with fountains, visitors information gazebos and comfortable areas for transit users to wait. The middle median is the meeting point between these pedestrian paseos. Outdoor casual seating, restaurant tables and small restaurant kiosks make the space vibrant day and night.

The design for the eastern median section has a Splash Park and shaded benches for families. With slow design speeds that include on-street parking so that bicyclists will feel safe sharing the road with vehicles, this new space will be calmer and quiet. The intersection of SR 520 and Ocean Beach Boulevard could be a curbless, shared space. With the use of bollards to reinforce the separation of travel lanes and sidewalks, the intersection could become a special entry point to the beach. This will be an important amenity for Cocoa Beach.

above: View looking east toward the Ocean down "Broadway"

right: View over Shepard Park looking back towards "Broadway"

North Beach Master Plan

Miami Beach, FL

PROJECT DETAILS

Project Area:	North Beach District
Client:	City of Miami Beach
Budget:	$271,000
Contact Ref:	Vania Castro, EDS 305-673-7577

The Town Center district illustrative plan

Existing conditions along 71st Street

The Project

Dover, Kohl & Partners led a multi-disciplinary team to create a Master Plan for the North Beach District of Miami Beach and recommend an economic and revitalization strategy. The project team included The Street Plans Collaborative, JSK Architectural Group, Goodkin Consulting, Chen, Moore and Associates, and ARCADIS Engineering.

Plan NoBe provides the basis for public policy in the North Beach area of the City of Miami Beach regarding physical development. Plan NoBe establishes priorities for public-sector action while simultaneously providing direction for complementary private-sector decisions. The Plan and its guidelines serve as a tool to evaluate new development proposals, direct capital improvements, and to guide public policy in a manner that ensures North Beach continues to be the community that its residents want it to be. The Plan contains illustrative plans, diagrams, maps, and pictures to make concepts clear and accessible to City officials, residents, developers, community groups, and other stakeholders.

The Process

Direct community input shaped the ideas and recommendations found in Plan NoBe. The public process began in November 2015 with a kickoff session to introduce the community to the project and the consultant team. The design process centered around a Charrette—an intensive, open planning process that combines hands-on community brainstorming with "designing in public." In February 2016, the team set up a week-long Open Design Studio at the Byron Carlyle Theater. Over the course of a week, the team met with more than 1,000 interested residents and stakeholders over the course of a week including property owners, neighbors, merchants, developers, environmental specialists, historic preservationists and community leaders.

Plan Principles

Five big ideas to revitalize the North Beach community emerged as part of the public process. These five consensus ideas provided an outline for Plan NoBe: make a town center, provide more mobility options, protect & enhance neighborhoods, better utilize public lands, and build to last.

A vision for a multimodal 71st Street at Byron Avenue

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town planning

5 Big Ideas to Revitalize North Beach

Make a Town Center: North Beach needs a compact, pedestrian-friendly town center that is vibrant, dynamic, and includes a mix of uses. The town center needs to be an attractive residential living environment with compatible office uses and neighborhood-oriented commercial services. The center must be tall enough to be the most vibrant place in North Beach while avoiding the overwhelming scale found in other places within the Miami area. All buildings must continue the tradition of fronting the street with windows, storefronts, and awnings to ensure a pedestrian experience that is welcoming and interesting.

Provide More Mobility Options: An interconnected network of walkable streets is vital to the health of neighborhoods and cities. The City of Miami Beach recently adopted a new Transportation Master Plan that combines a Bike & Pedestrian Plan with a Transit Improvement Plan. The plan demonstrates the City's commitment to prioritizing walking and biking over other forms of mobility. Building great streets means creating places where people want to be—places that are safe, comfortable, interesting, and beautiful. Existing streets can be retrofitted with wider sidewalks, world-class bike infrastructure, shade trees for sidewalks, better lighting, and buried or relocated overhead utilities. The best streets offer residents and visitors a variety of ways to get around town.

Protect & Enhance Neighborhoods: North Beach has many of the elements that make a community successful, including walkability, a mix of uses, generous amounts of open space, and an appealing architectural style. The quality of life in North Beach can best be improved upon by capitalizing on these core assets. North Beach should take pride in its large stock of Miami Modern (MiMo) structures and use their restoration as a tool for economic development. Historic structures in North Beach must be preserved. Preservation is the soundest long-term economic development strategy. As much as possible, new construction should occur in vacant or underutilized spaces and complement the existing building stock architecturally.

Better Utilize Public Lands: The City of Miami Beach owns or controls numerous properties throughout North Beach including streets, public rights-of way, parks, a golf course, parking lots, the North Shore Community Center, Ocean Rescue, Shane Watersports Center, and the North Beach Bandshell. The City should enhance and utilize its properties and streets in order to support the surrounding community and attract new investment. From streets to open space, there should be no loss of public lands in the future.

Build to Last: The City of Miami Beach has weathered many climate challenges in its first 100 years. It made a successful recovery after the 1926 hurricane and many since. While the potentially negative impacts of sea level rise and climate change on the South Florida economy as a whole are real, and alarming, the City has begun taking measures to adapt. Yet more adaptation in the form of updated regulations and infrastructure investment is needed. Miami Beach has made a commitment to improving its ability to deal with sea level rise and climate change by introducing larger stormwater pipes, installing backflow preventers, adding pump stations, and by raising streets, buildings, and sea walls to new elevation standards. An increased commitment to these approaches, with special emphasis on North Beach, is now required.

A long term vision for a complete Town Center

A dedicated transit lane along Collins Avenue with new development on the West Lots

Normandy fountain reconfigured around a pedestrian-oriented district with a combination of preservation and enhancement

The 72nd Street parking lot transformed into a complete public space creating a green heart for the Town Center


Local adaptation to climate change involves responding to sea level rise, stormwater, and storm surge events

seven 50
counties years

PROJECT DETAILS

Project Area:	The seven counties of Southeast Florida
Client:	Southeast Florida Regional Partnership
Year Initiated	2012
Website:	seven50report.org

Planning for Resilience

South Florida's many coastal cities and barrier islands are already beginning to see the impacts of climate change. Seven50 modeled the potential severity in Southeast Florida, and describes strategies for adaptation, retrofit, and retreat.

The plan makes a committment to low-lying, high-investment places that will see future investments in resilience infrastructure.

1. Existing Conditions

2. Rise of 4 feet, no adaptation

3. Rise of 8 feet, no adaptation

4. Rise of 8 feet, significant adaptation

The Project

Seven50 ("seven counties, 50 years") is a blueprint for growing a more prosperous and resilient Southeast Florida during the next 50 years and beyond. The plan works to encourage socially inclusive communities, a vibrant and robust economy, and careful stewardship of the fragile Southeast Florida ecosystem as it quickly becomes one of the world's most important mega-regions.

Dover, Kohl & Partners led a multidisciplinary consultant team to create the plan, mapping a strategy for the best possible quality of life for the over six million residents in Monroe, Miami-Dade, Broward, Palm Beach, Martin, St. Lucie and Indian River counties. Dover-Kohl worked closely with the South Florida and Treasure Coast Regional Planning Councils and led a multi-disciplinary team of consultants that included leading regional and national experts such as Carras Community Investment, Cardno-Entrix, Jean Scott, HDR Engineering, MetroQuest, Duany Plater-Zyberk & Company, Criterion Planning, and Roar Media, among others.

The Process

Seven50 included an extensive public process using both interactive online forums and hands-on live events. Online forums included polling, interactive mapping of civic and cultural assets throughout the region, a Data Warehouse, which is a collection of GIS layers for the region that is viewable without proprietary software, an online scenario modeler, and active Facebook and Twitter conversations.

Project events included television and radio appearances, four regional summits, travelling roadshows in each county, and several planning directors' forums. Each live event included multiple methods of gathering information from the public including keypad polling, keshot videos, one-word cards translated into word clouds, small table discussions, one-on-one conversations, and surveys. Overall the process reached over a million different people in a region of six million.

The project's executive committee consisted of regional leaders from university vice presidents and local artists to DOT, EPA and US HUD representatives. Citizen workgroups met throughout the plan to address the issues they deemed most important, including Growing the Economy, Celebrating Arts & Culture, Valuing the Environment, Climate & Energy Resilience, and Inclusive Regional Leadership. The Seven50 Southeast Florida Prosperity Plan established existing conditions, modeled the future, and provided specific suggestions as to how municipalities, individuals, and the private sector could all work to improve the quality of life in the region.

Status

Numerous independent coalitions have been formed to implement strategies and ideas presented within the document. Coalitions formed to build transit oriented development, implement the regional business plan, and bulwark the coast are just a few examples of ongoing efforts. Implementation will continue for the next 50 years and beyond.

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Creating A Region in Motion

Seven50: An Innovative Process

Seven50 provided a forum for people of all backgrounds to work together to determine the region's future. To make the plan even more accessible, Dover, Kohl & Partners worked with award-winning production company First + Main to create a video that presents the principles found throughout the plan in an easily understood short film that has been viewed by thousands and translated into three languages. To quickly find out more about Seven50 go to www.seven50report.org to view the film.

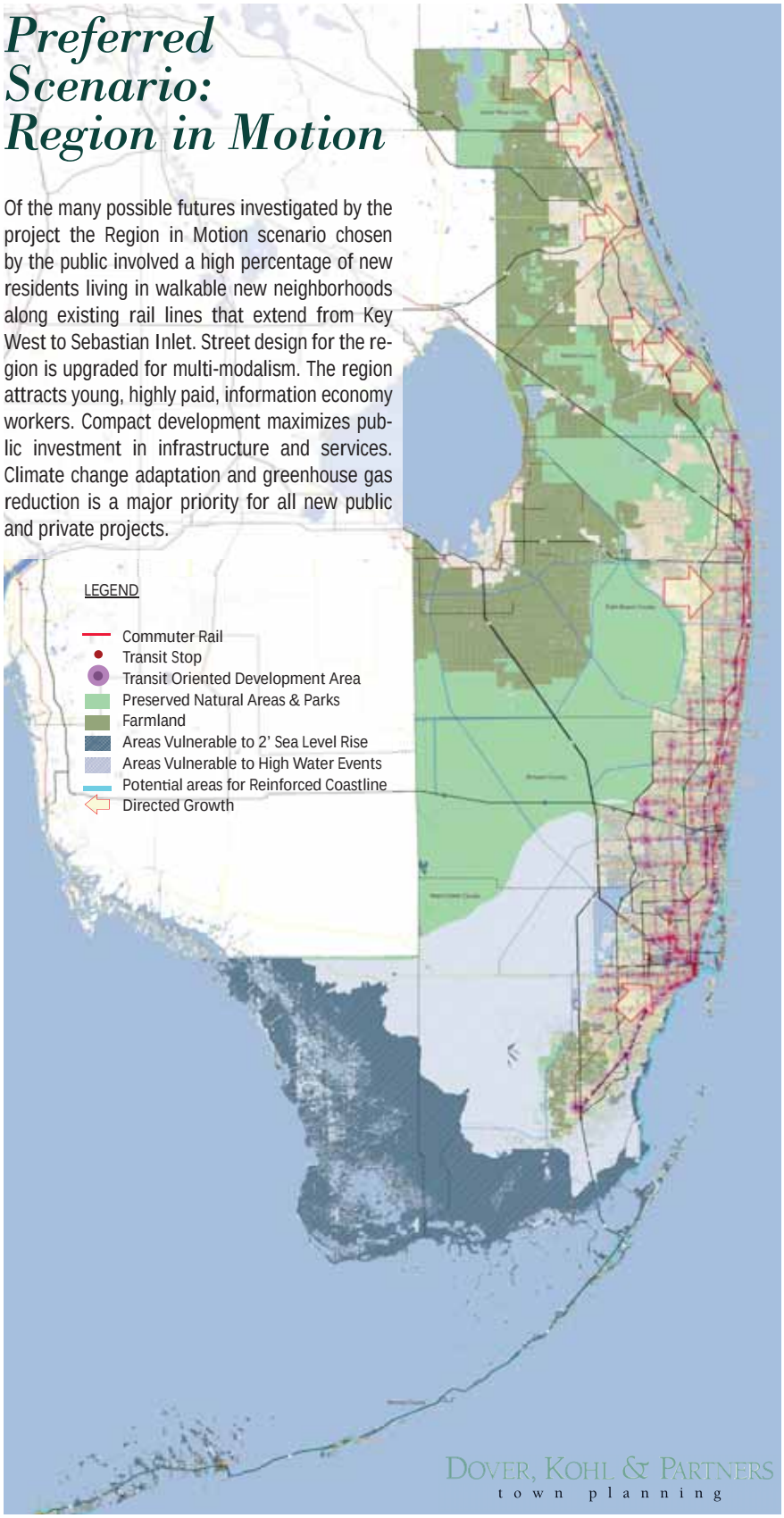
Seven50: A Dynamic Plan

The Seven50 Plan is a living, dynamic document online. The Report was designed to be primarily visual, with an emphasis on simplicity and usability. Vibrant infographics, renderings, maps and other imagery are present on every page, simplifying complex concepts from sea level rise to diversifying the region's energy portfolio. Text for the report was contributed from notable experts in the region.

View the report at www.seven50report.org

Preferred Scenario: Region in Motion

Of the many possible futures investigated by the project the Region in Motion scenario chosen by the public involved a high percentage of new residents living in walkable new neighborhoods along existing rail lines that extend from Key West to Sebastian Inlet. Street design for the region is upgraded for multi-modalism. The region attracts young, highly paid, information economy workers. Compact development maximizes public investment in infrastructure and services. Climate change adaptation and greenhouse gas reduction is a major priority for all new public and private projects.



MILLER LEGG

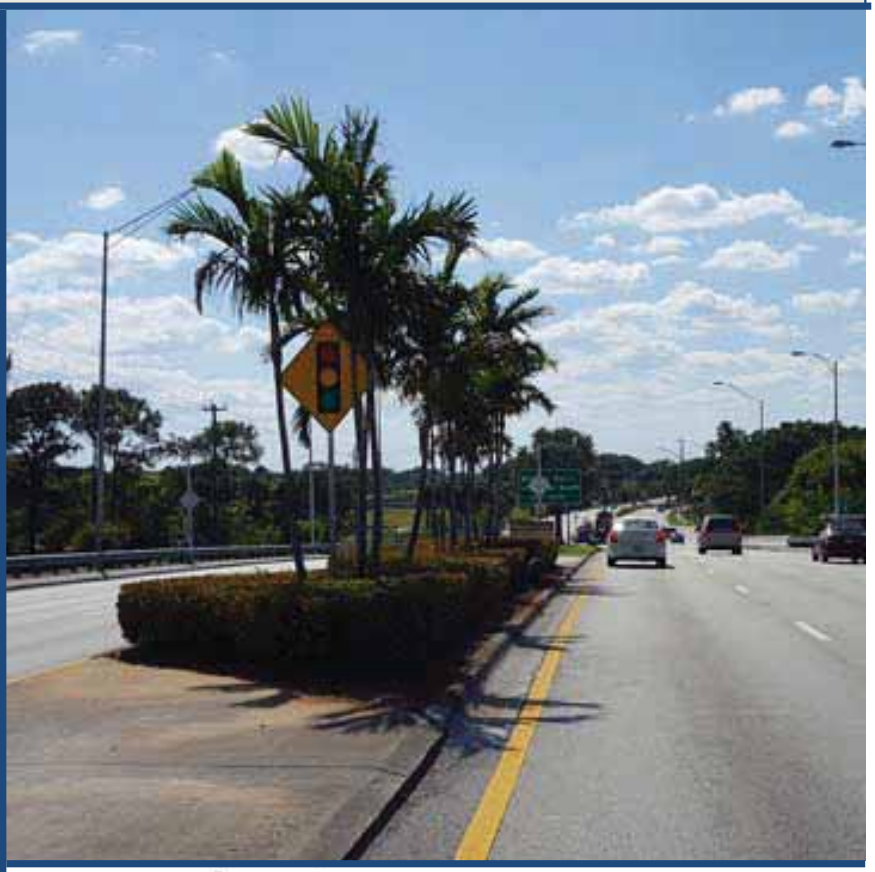
City of Coconut Creek Landscape Architecture Continuing Services

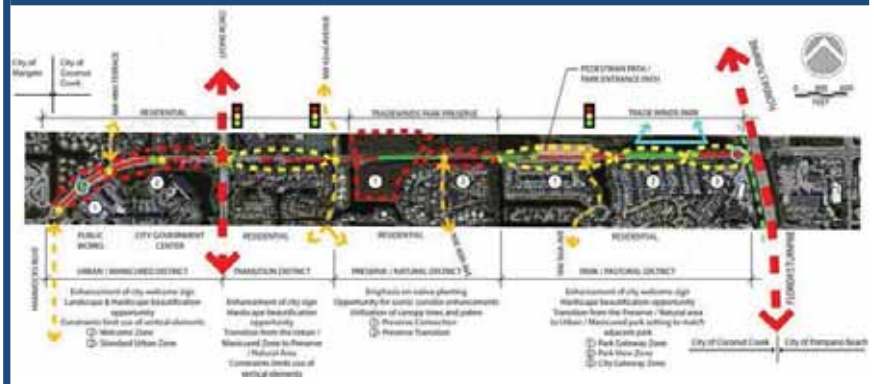
Coconut Creek, Florida

Miller Legg has been successfully providing a variety of sustainable landscape architecture, hardscape, irrigation, urban design and construction observation services to the City through Continuing Services contracts since 2002. In addition, other services have included surveying and traffic engineering. Projects have included Florida Friendly landscape and median improvements, roadway beautification, intersection upgrades and miscellaneous projects.

For the SR 814/Atlantic Boulevard project, Miller Legg provided context sensitive landscape beautification improvements to this roadway corridor from west of Lyons Road to the Florida Turnpike on an expedited basis. Services included landscape architecture, hardscape, irrigation, water use permitting, construction observation, traffic control and surveying services. We also facilitated the plans for execution of agreements and provided coordination with FDOT District 4 and Florida's Turnpike Enterprise.

For the median improvement project along Copans Road between Lyons Road and the Florida Turnpike Overpass, Miller Legg provided landscape, hardscape and irrigation design plans, tree inventory, surveying, permitting, pre-construction and construction observation services to the City. Tree, streets and highway permitting was coordinated with Broward County.





Client Reference:
Ms. Sheila Rose, Director/Sustainable Development
City of Coconut Creek
4800 West Copans Road Coconut Creek, FL 33063
(954) 973-6756/srose@coconutcreek.net
Role: Prime
Cost: $500,000

IMPROVING COMMUNITIES. CREATING ENVIRONMENTS.

www.millerlegg.com

MILLER LEGG

City of Miramar Roads Landscape Improvements

Miramar, Florida

The City of Miramar desired landscape improvements to be performed on sections of Miramar Parkway, Miramar Boulevard and Red Road in addition to some smaller roadway locations. As a subconsultant to RJ Behar on this streetscape project, Miller Legg provided sustainable landscape architecture services as follows: data collection, site and tree inventories, conceptual planting and irrigation design, final planting and irrigation plans, tree permitting and coordination, opinion of probable cost, coordination meetings with the City of Miramar and with the affected community, construction administration and field reviews.

Client References:

Mr. Juan Vasquez, PE
Vice President
RJ Behar & Company Inc.
6861 SW 196th Avenue, Suite 302
Pembroke Pines, FL 33322
(954) 680-7771
jvasquez@rjbehar.com

Mr. Alex Shershevsky
Project Manager/Construction & Facilities Management
City of Miramar
2300 Civic Center Place
Miramar, FL 33025
(954) 602-3315
ashershevsky@ci.miramar.fl.us

Role: Subconsultant
Cost: Unknown

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MILLER LEGG

City of Pembroke Pines Streetscape Design Guidelines

Pembroke Pines, Florida

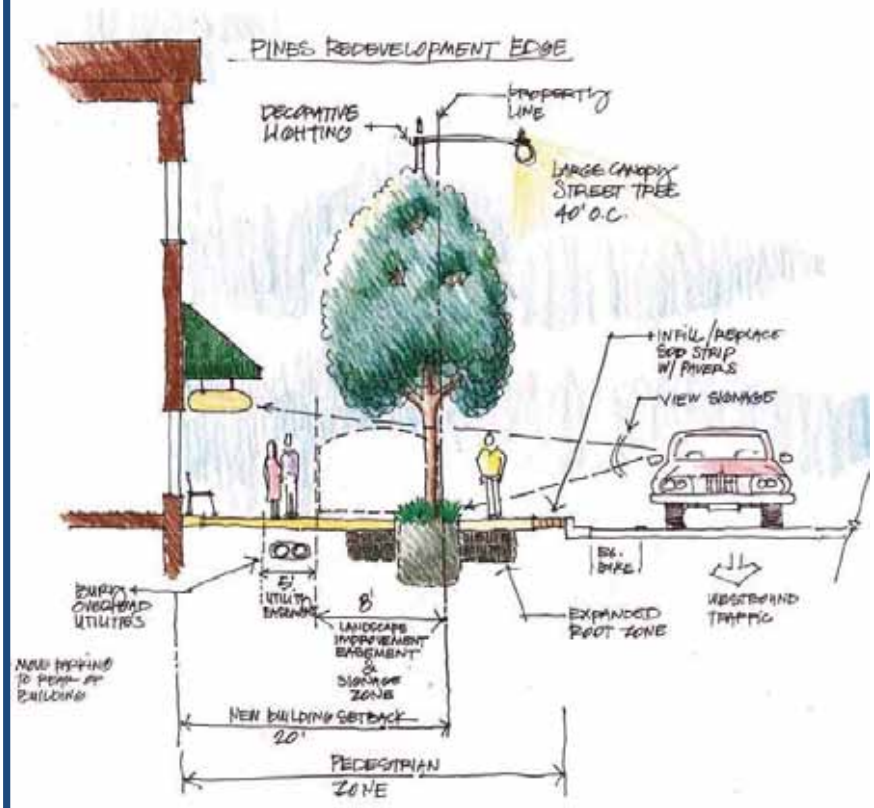
Miller Legg worked on the City of Pembroke Pines City Wide Streetscape Master Plan which included the creation of context sensitive design guidelines for the roadway corridors throughout the City including accommodations for mobility. This Master Plan looked at both the corridor segment and intersection component. Corridor segment components included:

- Median Plantings
- 'Side of Road' (along the right-of-way or street edge) Plantings
- Street Trees
- Specialty Plantings

Intersection segment components included:

- Median nose treatments
- Crosswalks
- Expanded pedestrian plazas at the corners
- Specialty items and icons
- May also include some specialty 'Threshold' Plantings, if there is adequate space.

Residential streets included 'Family Ways'. These streets are intra-neighborhood linkages with improvements designed to enhance alternative modes of transportation – such as walking and biking. The Family Ways more effectively link residential communities with schools and parks and with commercial nodes, too, for shopping and to promote commerce at a local level.



Client Reference:

Mr. Joseph Yaciuk, AICP
City of Pembroke Pines
601 City Center Way
Pembroke Pines, FL 33026
(954) 435-6500
jyaciuk@ppines.com
Role: Prime
Cost: $147,600 (fees)

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www.millerlegg.com

MILLER LEGG

Town of Lauderdale By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements

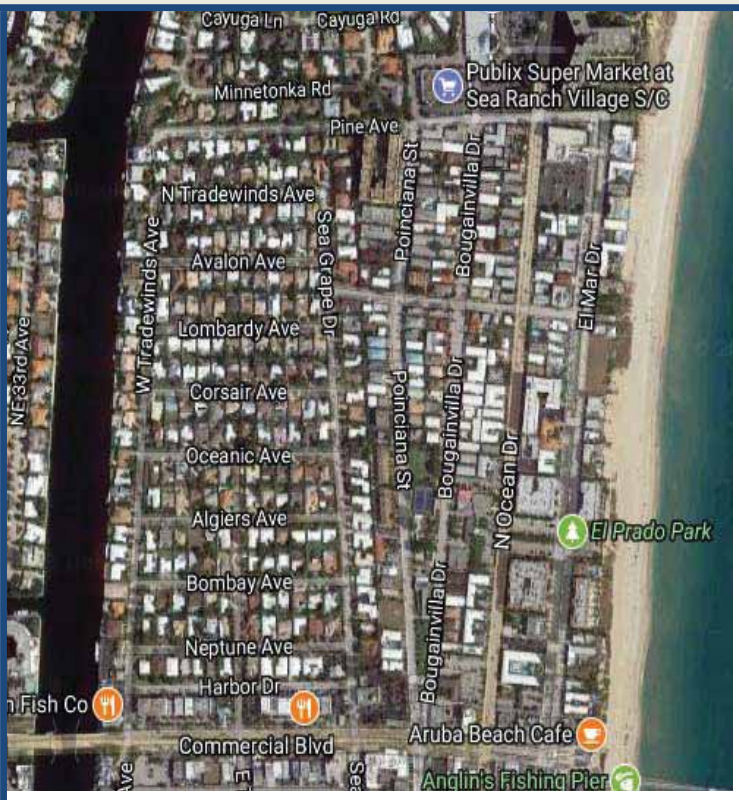
Lauderdale By-the-Sea, Florida

Under the firm's Continuing Services Contract, Miller Legg will provide design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. in the Town of Lauderdale-By-The-Sea. The goal of these streetscape improvements is to alleviate roadway and parking congestion along the SR A1A corridor. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.

Client Reference:

Mr. Don Prince
Municipal Services Director
Town of Lauderdale-By-The-Sea
4501 Ocean Drive
Lauderdale-By-The-Sea, FL 33308
(954) 640-4232
donp@lauderdalebythesea-fl.gov

Role: Prime
Cost: $850,000 (estimated)



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www.millerlegg.com

REFERENCES

Florida Department of Transportation District 4
Betsy Jeffers
954.777.4061
Betsy.jeffers@dot.state.fl.us

City of Fort Lauderdale
Christine Fanchi
954.828.5226
cfanchi@fortlauderdale.gov

Town of Miami Lakes
Carlos Acosta
305.512.7129
acostac@miamilakes-fl.gov

Miami-Dade Transportation Planning Organization (TPO)
David Henderson
305.375.1647
dhenderson@miamidadempo.org

Town of Cutler Bay
Alfredo Quintero Jr.
305.234.4262
aquintero@cutlerbay-fl.gov

City of Doral
Jorge Gomez
305.593.6740
jorge.gomez@cityofdoral.com

City of South Miami
Aurelio Carmenates
305.403.2063
ACarmenates@southmiamifl.gov

Miami-Dade County
Adelfa Martinez
305.755.7815
adelfaM@miamidade.gov

Martin County MPO
Alice Bojanowski
772-320-3015
ABojanow@Martin.fl.us

RECOMMENDATION LETTER - CITY OF SOUTH MIAMI

South Miami
THE CITY OF PLEASANT LIVING

September 11, 2015

To Whom It May Concern,

Our consultant, Marlin Engineering, Inc., has maintained a very good business relationship with the City of South Miami for many years, and is presently providing general engineering services. Marlin Engineering, Inc. has been responsive to the City needs, completes tasks on time and within budget, and demonstrates excellent communication with our staff.

During the contract with the City, Marlin Engineering, Inc. has developed traffic calming methodologies, performed traffic studies, traffic counts and field observations, conducted public workshops, prepared concept drawings, designed traffic calming devices, and coordinated traffic calming measures and construction documents with Miami-Dade County.

The Public Works Department, of the City of South Miami, regards Marlin Engineering, Inc., as a valued consultant and recommends their services for any future projects within the City.

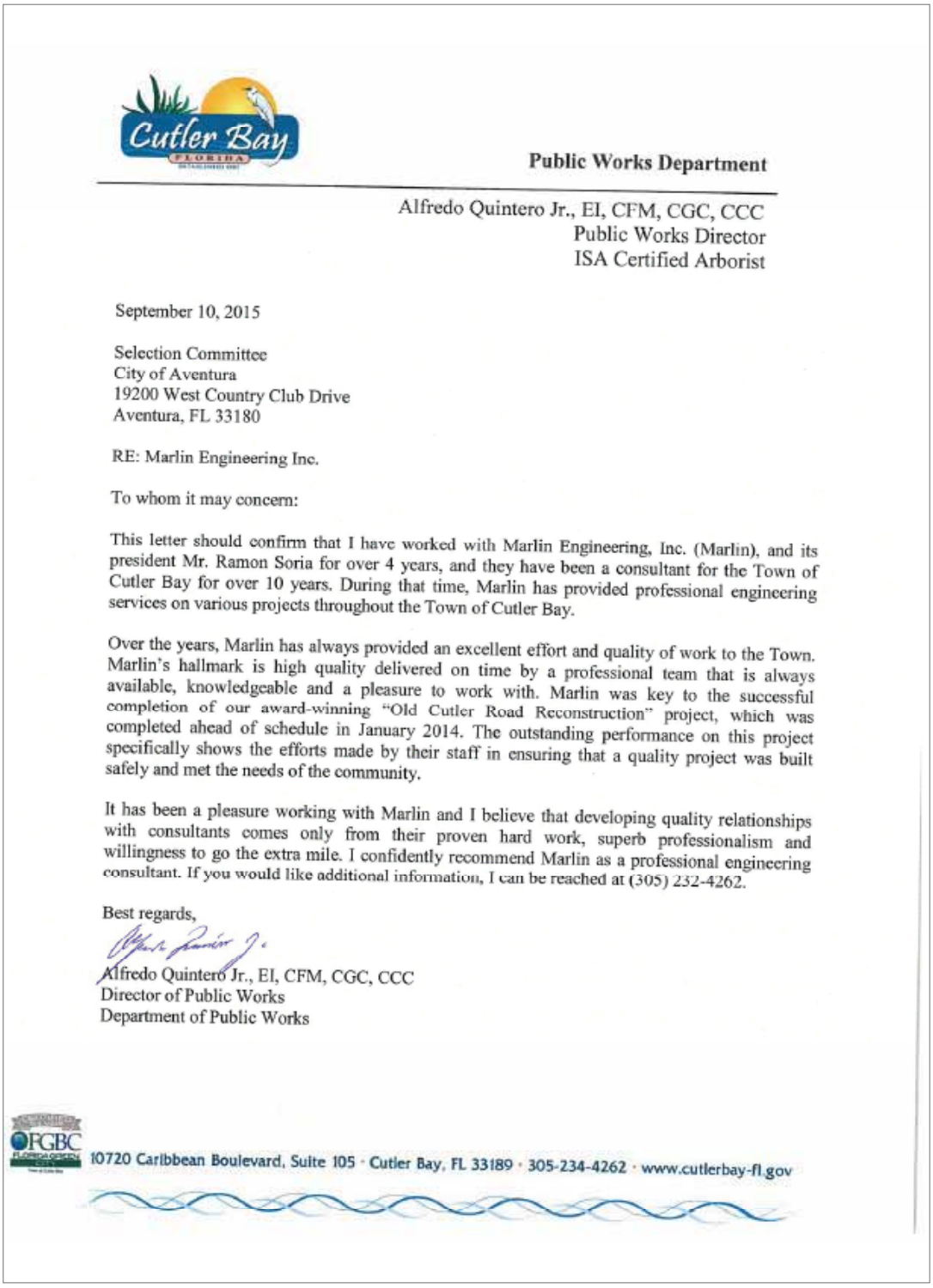
Should you have any questions, please do not hesitate to contact our office at (305) 403-2063.

Respectfully,

Ricardo A. Ayala, P.E.
Public Works
Construction and Engineering Division
City of South Miami

South Miami City Hall • 6130 Sunset Drive, Miami, FL 33143 • PH: (305) 663-6338 – Public Works Office • 4795 SW 75th Ave., Miami, FL 33155 • PH: (305) 403-2063

RECOMMENDATION LETTER - TOWN OF CUTLER BAY



Cutler Bay
FLORIDA

Public Works Department

Alfredo Quintero Jr., EI, CFM, CGC, CCC
Public Works Director
ISA Certified Arborist

September 10, 2015

Selection Committee
City of Aventura
19200 West Country Club Drive
Aventura, FL 33180

RE: Marlin Engineering Inc.

To whom it may concern:

This letter should confirm that I have worked with Marlin Engineering, Inc. (Marlin), and its president Mr. Ramon Soria for over 4 years, and they have been a consultant for the Town of Cutler Bay for over 10 years. During that time, Marlin has provided professional engineering services on various projects throughout the Town of Cutler Bay.

Over the years, Marlin has always provided an excellent effort and quality of work to the Town. Marlin's hallmark is high quality delivered on time by a professional team that is always available, knowledgeable and a pleasure to work with. Marlin was key to the successful completion of our award-winning "Old Cutler Road Reconstruction" project, which was completed ahead of schedule in January 2014. The outstanding performance on this project specifically shows the efforts made by their staff in ensuring that a quality project was built safely and met the needs of the community.

It has been a pleasure working with Marlin and I believe that developing quality relationships with consultants comes only from their proven hard work, superb professionalism and willingness to go the extra mile. I confidently recommend Marlin as a professional engineering consultant. If you would like additional information, I can be reached at (305) 232-4262.

Best regards,

Alfredo Quintero Jr., EI, CFM, CGC, CCC
Director of Public Works
Department of Public Works

FGBC

10720 Caribbean Boulevard, Suite 105 · Cutler Bay, FL 33189 · 305-234-4262 · www.cutlerbay-fl.gov

RECOMMENDATION LETTER - TOWN OF MIAMI LAKES

MIAMI LAKES
Growing Beautifully

Department of Planning, Zoning and Code Compliance
6601 Main Street • Miami Lakes, Florida 33014
Office: (305) 364-6100 • Fax: (305) 558-8511
Website: www.miamilakes-fl.gov

September 16, 2015

To whom it may concern:

I have known Marlin Engineering, Inc. (Marlin) for approximately 3 years. During that time they have provided civil engineering services on a number of projects for which I have been the project manager.

It has been my personal experience that they produce an excellent work product and provide exceptional customer service in a timely manner. They have always taken into account the particular situations and challenges of each of our projects and responded expertly and efficiently.

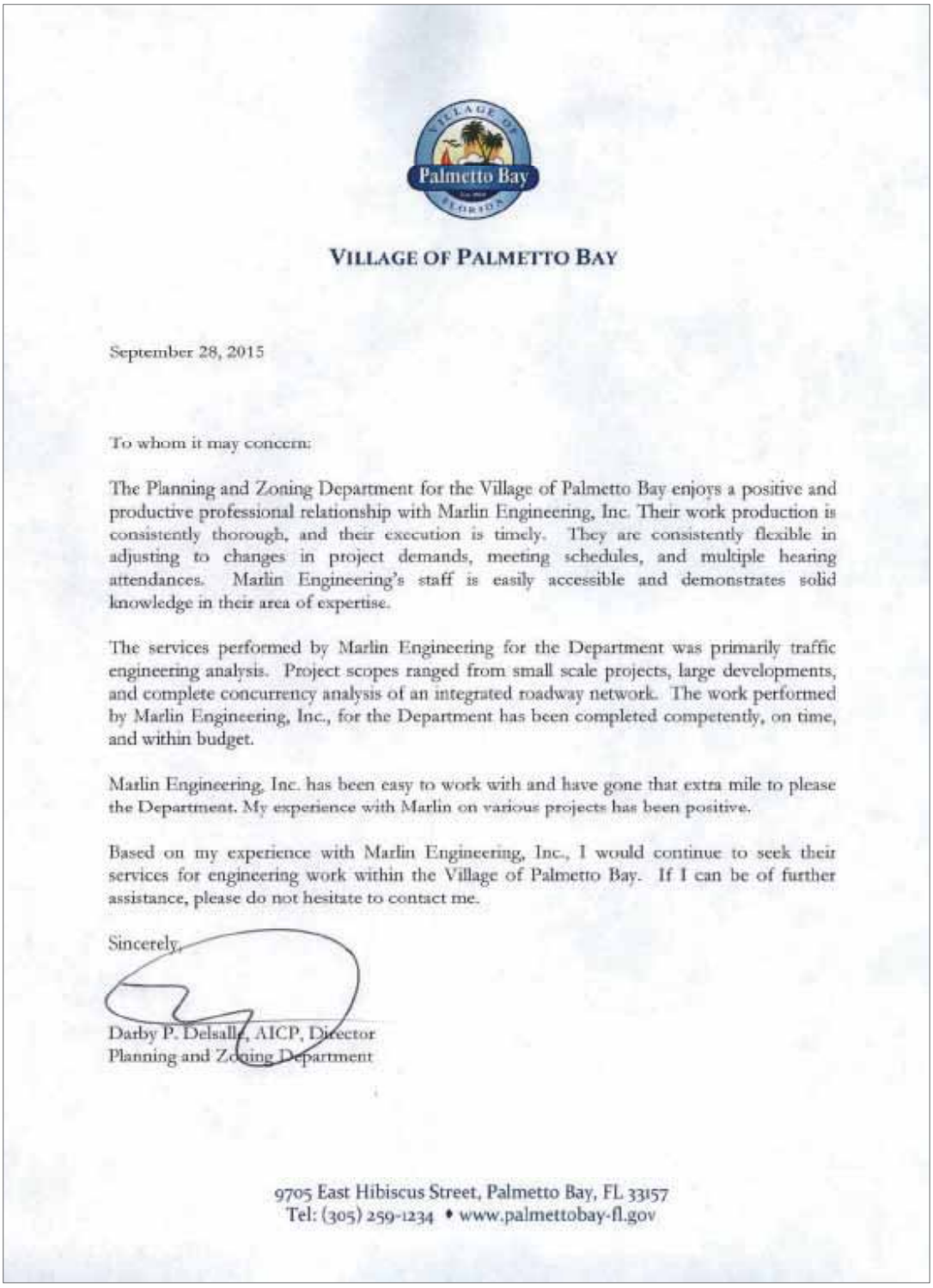
It has been a pleasure working with Marlin. They have always been attentive and responsive to our needs.

I am pleased to give Marlin my endorsement. If you would like additional information about Marlin, I can be reached at (305) 512-7128.

Sincerely,

Brandon R. Schaad, AICP, LEED AP
Director of Planning

RECOMMENDATION LETTER -VILLAGE OF PALMETTO BAY



VILLAGE OF PALMETTO BAY

September 28, 2015

To whom it may concern:

The Planning and Zoning Department for the Village of Palmetto Bay enjoys a positive and productive professional relationship with Marlin Engineering, Inc. Their work production is consistently thorough, and their execution is timely. They are consistently flexible in adjusting to changes in project demands, meeting schedules, and multiple hearing attendances. Marlin Engineering's staff is easily accessible and demonstrates solid knowledge in their area of expertise.

The services performed by Marlin Engineering for the Department was primarily traffic engineering analysis. Project scopes ranged from small scale projects, large developments, and complete concurrency analysis of an integrated roadway network. The work performed by Marlin Engineering, Inc., for the Department has been completed competently, on time, and within budget.

Marlin Engineering, Inc. has been easy to work with and have gone that extra mile to please the Department. My experience with Marlin on various projects has been positive.

Based on my experience with Marlin Engineering, Inc., I would continue to seek their services for engineering work within the Village of Palmetto Bay. If I can be of further assistance, please do not hesitate to contact me.

Sincerely,

Darby P. Delsalle, AICP, Director
Planning and Zoning Department

9705 East Hibiscus Street, Palmetto Bay, FL 33157
Tel: (305) 259-1234 • www.palmettobay-fl.gov

RECOMMENDATION LETTER - CITY OF DORAL

September 25, 2015

To Whom It May Concern:

I am the City Engineer for the City of Doral and am responsible for managing the delivery of a variety of Capital and Public Works projects.

We are currently using Marlin Engineering, Inc. (Marlin) to provide a variety of professional engineering services. To date, Marlin has performed to the City's satisfaction. It is a pleasure working with the Marlin team and I would recommend them for work in the future.

Sincerely,

Jorge A. Gomez, P.E.
Chief of Engineering

RECOMMENDATION LETTER - MIAMI-DADE COUNTY MPO

METROPOLITAN PLANNING ORGANIZATION
(MPO) SECRETARIAT
111 N.W. 1 STREET, SUITE 910
MIAMI, FLORIDA 33128-1904
(305) 375-4507
FAX: (305) 375-4950

July 11, 2013

Mr. Sergio Alfonso
Executive Vice President
Marlin Engineering, Inc.
2191 NW 97th Avenue
Miami, FL 33172-2313

RE: General Planning Consultant (GPC) Services-Contract #E08-MPO-01

Dear Mr. Alfonso:

I would like to take this opportunity to express my appreciation for your participation in the above referenced contract. During the past three years, it has been a pleasure to work with you and the staff of Marlin Engineering in the execution of the studies assigned to your firm.

You always were committed to complete the studies as scheduled and working with your staff was a pleasant experience as they showed the professionalism, coordination and communication skills that are necessary to accomplish any job.

Thanks again and please extend my gratitude to the staff that in one way or another participated in our studies.

Sincerely,

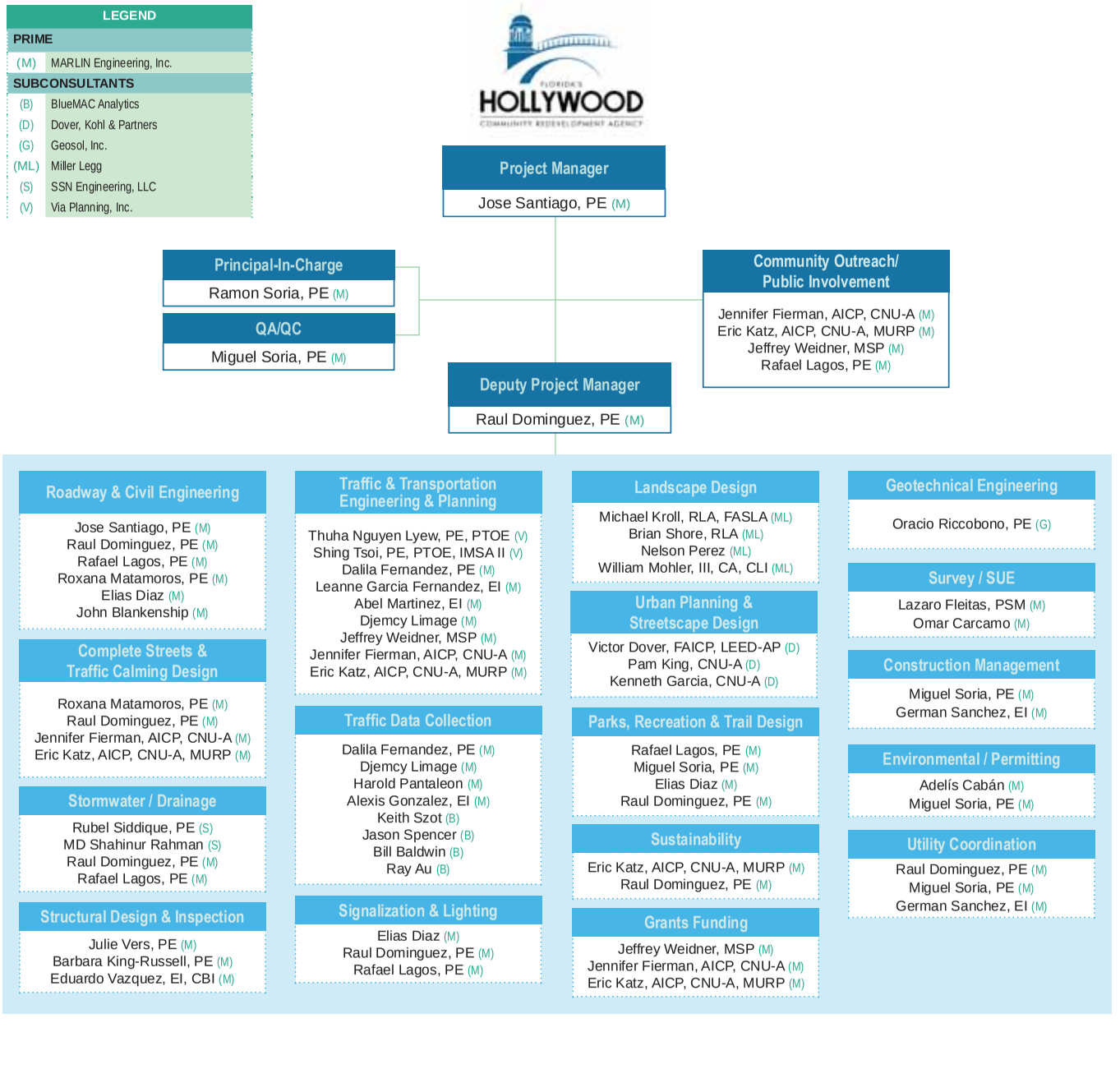
Jesus Guerra, P.E.
MPO Project Manager

6

PROFESSIONAL EXPERIENCE & QUALIFICATIONS OF PERSONNEL

ORGANIZATIONAL CHART

LEGEND	
PRIME	
(M)	MARLIN Engineering, Inc.
SUBCONSULTANTS	
(B)	BlueMAC Analytics
(D)	Dover, Kohl & Partners
(G)	Geosol, Inc.
(ML)	Miller Legg
(S)	SSN Engineering, LLC
(V)	Via Planning, Inc.



Firm	Name	Title	Estimated % of Time Commitment
M	Ramon Soria	Principal	5%
M	Miguel Soria	QA/QC	15%
M	Jose Santiago	Project Manager	30%
M	Raul Dominguez	Deputy Project Manager	70%
M	Rafael Lagos	Chief Engineer	30%
M	Roxana Matamoros	Senior Roadway Engineer	40%
M	Elias Diaz	Senior Designer	40%
M	John Blankenship	Senior Designer	40%
M	Jeffrey Weidner	Chief Planner	40%
M	Jennifer Fierman	Multi Modal Planner/PIO	50%
M	Eric Katz	Strategic Planner/PIO	50%
M	German Sanchez	Construction Inspector	30%
M	Dalila Fernandez	Traffic Engineer	20%
M	Leanne Garcia	Traffic Engineer Intern	30%
M	Abel Martinez	Traffic Analyst	40%
M	Djemcy Limage	Traffic Analyst	40%
M	Harold Pantaleon	Sr. Engineering Technician	40%
M	Alexis Gonzalez	Engineering Technician	40%
M	Julie Vers	Structural Design Manager	25%
M	Barbara King-Russell	Senior Structural Engineer	25%
M	Eduardo Vazquez	Bridge Inspection Manager	15%
M	Adelis Caban	Environmental Coordinator	30%
M	Lazaro Fleitas	Senior Surveyor & Mapper	25%
M	Omar Carcamo	Survey CADD Technician	35%
B	Keith Szot	CEO	20%
B	Jason Spencer	Sales Engineer	60%
B	Bill Baldwin	VP of Sales10	60%
B	Ray Au	Support and Operations Manager	75%
D	Victor Dover	Principal Urban Designer/Planner	10%
D	Pam Stacy	Planner	20%
D	Kenneth Garcia	Planner	30%
G	Oracio Riccobono	Geotechnical Engineer	30%
ML	Michael Kroll	QC/Landscape Architecture	20%
ML	Brian Shore	Sr. Landscape Architect	35%
ML	Nelson Perez	Landscape Designer	50%
ML	William Mohler	Certified Arborist	50%
S	Rubel Siddique, PE	Civil Engineer	30%
S	MD Shahinur Rahman	Civil Engineer	30%
V	Thuha Nguyen Lyew	Traffic Engineer / Transportation Planner	50%
V	Shing Tsoi	Traffic Engineer / Transportation Planner	50%

PERSONNEL QUALIFICATIONS

FIRM / KEY PERSONNEL	PROJECT ROLE	PRIOR EXPERIENCE WORKING WITH A CRA	AREA OF EXPERTISE / EXPERIENCE: Complete Streets	Traffic Engineering	Traffic & Signalization Analysis	Traffic Calming Planning & Design	Roadway Design	Streetscape Design	Environmental Study	Sidewalk Compliance Evaluation	Landscape Architecture	Parking Analysis	Permitting	Right of Way (ROW) Acquisition	Plans Review	Mobility Study	Drainage / Stormwater	Survey / SUE	Recreational / Parks Trail Planning & Design	Pedestrian & Bikeway Design & Specifications	Structures Design & Inspections	Lighting (Marine Turtle Lighting)	Bidding Assistance	Construction Administration & Mgmt	Public Involvement / Community Outreach	Geotechnical Engineering	Inspection & Testing of Roadway Material	Sustainability	Grant Writing / Grant Research	LAP Coordination	Utility Coordination
MARLIN Engineering, Inc.																															
Ramon Soria, PE	Principal	X	X	X	X	X	X	X				X			X				X	X				X	X						
Miguel Soria, PE	QA/QC	X	X	X	X	X	X	X		X			X		X		X	X			X	X	X	X	X						X
Jose Santiago, PE	Project Manager		X				X	X		X			X		X		X		X	X		X	X		X					X	X
Raul Dominguez, PE	Deputy Project Manager	X	X		X	X	X	X		X		X	X	X	X		X	X	X	X	X	X	X	X	X			X	X	X	X
Rafael Lagos, PE	Chief Engineer		X			X	X			X			X		X		X		X	X	X	X	X							X	X
Roxana Matamoros, PE	Senior Roadway Engineer		X							X			X		X						X	X	X								X
Elias Diaz	Senior Designer		X			X	X	X		X			X						X	X		X									X
John Blankenship	Senior Designer		X			X	X	X		X			X						X	X		X									X
German Sanchez, EI	Construction Inspector						X			X			X		X									X							X
Dalila Fernandez, PE	Traffic Engineer			X	X	X				X		X	X		X	X															
Leanne Garcia, EI	Traffic Engineer Intern			X	X	X				X		X				X															
Abel Martinez, EI	Traffic Analyst			X	X	X				X		X	X			X															
Djemcy Limage	Traffic Analyst			X	X	X				X		X				X															
Harold Pantaleon	Sr. Engineering Technician																														
Alexis Gonzalez, EI	Engineering Technician																														
Jeffrey Weidner, MSP	Chief Planner	X	X									X				X				X					X				X		
Jennifer Fierman, AICP, CPM	Multi Modal Planner/PIO	X	X												X	X				X					X			X	X		
Eric Katz, AICP, MURP	Strategic Planner/PIO	X	X			X										X			X	X					X			X	X		
Adelis Caban Acevedo	Environmental Manager								X																					X	X	
Julie Vers, PE	Structural Design Manager																				X										
Barbara King-Russell, PE	Senior Structural Engineer																				X										
Eduardo Vazquez, EI, CBI	Bridge Inspection Manager																				X										
Lazaro Fleitas, PSM	Senior Surveyor & Mapper																	X													
Omar Carcamo	Survey Manager, CADD																	X													X
Dover Kohl & Partners																															
Victor Dover	Principal	X	X			X		X	X										X	X					X			X			
Pam Stacy	Sr. Project Director					X		X											X	X					X			X			
Kenneth Garcia	Sr. Town Planner					X		X											X	X					X			X			
Miller Legg																															
Michael Kroll, RLA, FASLA	QC/Landscape Architecture	X	X			X		X			X		X		X				X	X			X	X	X		X	X	X	X	
Brian Shore, RLA	Sr. Landscape Architect	X	X			X		X			X		X		X				X	X			X	X	X		X	X	X	X	
Nelson Perez	Landscape Designer	X	X					X			X		X		X				X	X			X	X	X		X	X		X	
William Mohler, III, CA, CLI	Certified Arborist		X						X		X		X											X				X			
Via Planning, Inc.																															
Thuha Nguyen Lyew, PE, PTOE	Traffic Engineer & Trans. Planner		X	X	X	X				X		X			X	X					X				X					X	
Shing Tsoi, PE, PTOE	Traffic Engineer & Trans. Planner		X	X	X	X				X					X	X						X									X
Geosol, Inc.																															
Oracio Riccobono, P.E.	Geotechnical Engineer																									X	X				
SSN Engineering, LLC																															
Rubel Siddique, PE	Civil Engineer	X	X				X	X		X		X	X	X	X		X		X	X	X			X	X						
MD Shahinur Rahman, PE, PMP	Civil Engineer	X	X				X	X		X		X	X	X	X		X		X	X				X							
BlueMac Analytics																															
Keith Szot	CEO															X															
Jason Spencer	Sales Engineer															X															
Bill Baldwin	VP of Sales															X															
Ray Au	Support and Operations Manager															X															

THE MARLIN TEAM

The team developed for this contract is composed of experts in the specified areas outlined in the Scope of Services, including traffic engineering, civil and transportation engineering, drainage, surveying, landscape design, and urban planning.

As a team, we will communicate and build project consensus among the public and governmental agencies involved in all decision-making processes. We will work closely with the Hollywood CRA to ensure the optimum execution of our professional services for any task assigned under this contract. Our diverse and broad support of available personnel will ensure that every need is met on-time and within budget.

MARLIN has a strong team of planners, designers and engineers with experience in all aspects of transportation and land-use planning. MARLIN has experience working in the Hollywood community and other similar beach and downtown areas where economic vitality is essential. There is no all-encompassing methodology or template that fits each type of project, but there are key components that are critical in delivering quality projects that are completed on schedule and within a specified budget. Success will require a holistic approach including a program of projects and policies that includes pedestrian and bicycle facilities, urban design and placemaking that provides a safe and comfortable public realm that is inviting for residents and visitors.

The level of involvement of each team member will be determined after defining the task and project objectives with the CRA staff. MARLIN will be responsible for contract administration including general project management and communication with the CRA.

In general, Dover Kohl & Partners will take the lead on streetscape planning and design tasks, VIA will lead on traffic engineering and analysis tasks with the support of BlueMac, Miller Legg will lead landscape design tasks, and SNS and Geosol will support any tasks requiring the specialization of geotechnical or drainage work. MARLIN, which has the capability of serving a multitude of disciplinary needs, will be available for any and all technical areas including design, planning, complete streets implementation, traffic calming, grant writing, data collection, survey, utility coordination, and construction management.

The MARLIN team is structured in a way that gives the Hollywood CRA a menu of options for technical expertise, personnel, equipment, and other resources needed to accomplish its goals.

EXPERIENCE OF KEY MARLIN STAFF

Jose Santiago, PE (Project Manager) is our team's proposed Project Manager. He is a licensed Professional Engineer in the State of Florida with more than 20 years of experience providing the design of multimodal transportation infrastructure improvements for local municipalities, the County and the State. Project Management responsibilities have included scope, schedule, budget, client point of contact, subconsultant management, development of project design schedules, community involvement and contract development.

Raul Dominguez, PE (Deputy Project Manager) has more than 7 years of municipal design experience in the tri-county area. Mr. Dominguez has expertise in FDOT LAP projects and has led and trained teams in roadway design projects with a special emphasis on geometrics, complete streets and constructability. He's worked on numerous CRA projects serving clients such as Fort Lauderdale Beach CRA, Delray Beach CRA, Boynton Beach CRA and Hollywood CRA. He also recently served as assistant PM for the FDOT SR-A1A RRR design from East of Mercedes River to Sunrise Boulevard also known as the Fort Lauderdale Beach Strip. Currently Mr. Dominguez is working on the Townwide Bicycle and Pedestrian Improvements for the Town of Miami Lakes, a $1 million LAP project. He has also led FEMA Hazard Mitigation Grant Program Application efforts for local drainage improvement projects.

Miguel "Mike" Soria, PE (QA/QC) has more than 26 years of experience in Highway Design, Drainage, Construction and Maintenance projects working with municipal and state agency partners. As the Engineer of Record on the NW 25th Street Viaduct and Reconstruction project, which is in the City of Doral, Mr. Soria is well known for addressing major design and construction challenges in a precise and timely manner. He has worked in the field of construction as a Resident Engineer, including the recently completed NW 92nd Avenue new alignment in the City of Doral and is managing the post design work for the Krome Avenue project from SW 8th Street to Kendall Drive.

Jennifer Fierman, AICP, CNU-A (Planner) has over 10 years of experience in transportation planning, data collection & analysis, and public outreach. Ms. Fierman served as the FDOT District 4 Complete Streets Coordinator and has worked with the City of Hollywood on Complete Streets initiatives, site plan reviews, and educational workshops with the City's Landscape Architect, Dale Bryant. Jennifer recently completed the Miami-Dade Protected Bike Lanes Demonstration Plan, non-motorized data collection, and numerous Safe Routes to School Applications for the Miami-Dade TPO.

Eric Katz, AICP, CNU-A (Planner) has 9 years of experience in bicycle and pedestrian planning, program development, and public outreach. Eric has technical skills in grant writing, public outreach, and data collection. Eric was the former program director for Green Mobility Network, a Miami-based bicycle and pedestrian advocacy organization responsible for numerous successful campaigns supporting multimodal infrastructure projects such as the The Underline, Ludlam Trail, Biscayne Everglades Greenway and more. Eric most recently completed the Miami-Dade Bicycle Friendly Initiative, Fort Lauderdale NE 13th Street Complete Streets Roadway Reconstruction project public outreach, and multiple multimodal studies along South Florida's US-1 corridor.

Jeffrey Weidner (Chief Planner) Jeff brings extensive experience in major transit, freight and multimodal projects. He integrates his urban planning knowledge and expertise to develop efficient and sustainable transit solutions at the regional and local level across the state. Jeff has 33 years of experience in Multimodal Corridor Studies, Freight, Express Bus Park and Ride, Pedestrian/Bicycle Planning, MPO and Commuter Services Carpool/Vanpool Programs including 16 years at FDOT as the District 4 Modal Development Manager. Jeff is an expert strategist in developing consensus and securing, implementing, and administering state and federal funding.

Years of Experience: 20

AREAS OF EXPERTISE

Project Management
Roadway Design
Signalization Design
Lighting Design
Complete Streets

EDUCATION

BS Civil Engineering
University of Miami, 1996

REGISTRATIONS

PE Florida 60248, 2003

CERTIFICATIONS

Advanced Maintenance of Traffic

WORK HISTORY

Marlin Engineering, Inc.
3/2005-Present
Project Manager
Engineer of Record

HDR Engineering, Capital Improvements - City of Miami
3/2004-3/2005
Production Program Manager

Florida Department of Transportation, District 4
4/1997-3/2004
Project Manager

Jose Santiago, PE

Project Manager

Jose Santiago has more than 20 years of engineering experience in the design and management of transportation engineering projects including intersection improvements, complete streets, greenways and highways. He has experience involving conceptual, preliminary and final design including highway geometry, right-of-way, signing and pavement marking, signalization, lighting, roadway drainage, milling and resurfacing and reconstruction projects. Project Management responsibilities have included scope, schedule, budget, client point of contact, sub-consultant management, development of project design schedules, community involvement and contract development.

Townwide Bicycle and Pedestrian Improvements | Town of Miami Lakes | Contract Manager: Sidewalk and crosswalk improvements along each side of the existing typical section of four selected corridors in the Town of Miami Lakes. The sidewalk improvements will be in accordance with ADA requirements. Since this is a LAP approved project, MARLIN will coordinate with FDOT on the development of the NEPA documentation required for this project.

NW 82nd Avenue and Oak Lane | Town of Miami Lakes | Project Manager: Redesign of NW 82nd Ave and Oak Lane based on safety study recommendations, roadway median design, adding pavement marking and signage.

West Lakes Drainage Improvement Project | Town of Miami Lakes | Project Manager: Preparation of contract plans, drainage analysis, FEMA grant application, and coordination with all agencies involved. Also included were site visits, meetings with the city, cost estimating, identifying the amount of exfiltration and the design of the control structures.

Miscellaneous Streetscape Improvements | Town of Miami Lakes | Project Manager: Provided design services for the installation of paver treatments at various locations, including gateways and specific intersections (unsignalized and signalized), as well as the application of pavement markings. Marlin prepared the construction documents which included three design typical design alternatives, signing and pavement markings, traffic control plan, and cost estimate.

Hollywood Blvd. Complete Streets Project | FDOT District 4 | Project Manager: Decorative signalization and lighting improvements along Hollywood Blvd. from City Hall Circle to Dixie Highway. Responsibilities include the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd into a multimodal facility for automobiles, bicycles and pedestrians.

NW 92nd Avenue | City of Doral | Project Manager: Design for the extension of NW 92nd Avenue. Project includes the preparation of roadway plans, drainage report and plans, surveying, utility coordination, signing and pavement markings, signalization, lighting and permitting.

Buena Vista Heights Street Improvements | City of Miami | Project Manager: Design and plans production for the resurfacing of NW 38th Street to NW 40th Street between North Miami Avenue to NW 2nd Avenue. Included milling and resurfacing, drainage improvements, ADA compliance, signing and pavement marking, and landscaping.

Pinecrest Traffic Calming Design | City of South Miami | Project Manager: Prepared the design of final construction plans and technical specifications, including obtaining permits from MDPWD as well as provided post design services including preparation of bid documents and construction inspection services.

SW 208 Street Roadway Improvements | Town of Cutler Bay | Project Manager: Addition of a new center median, bike lanes and landscaping. Awarded the prestigious American Public Works Association (APWA) Technical and Management Innovation Award.

MARLIN

Years of Experience: 7

AREAS OF EXPERTISE

Roadway Design
Complete Streets
Traffic Calming

EDUCATION

BS Civil Engineering
Florida International University, 2012

AFFILIATIONS

American Society of Civil Engineers, Associated Member (A.M., ASCE)
Chi Epsilon Civil Engineering Honor Society

REGISTRATIONS

PE No. 82219
Florida, 2016

CERTIFICATIONS

Long Range Estimates (LRE)

WORK HISTORY

Marlin Engineering, Inc.
1/2016-Present
Project Engineer

Kimley-Horn & Associates, Inc.
9/2013-1/2016
Roadway Analyst

Marlin Engineering, Inc.
3/2011-9/2013
Roadway Designer/Asst. Bridge Inspector

Raul Dominguez, PE

Deputy Project Manager

Raul Dominguez has more than 7 years of experience in roadway design ranging from minor intersection improvements to major reconstructions of municipal, county, state roads and limited access facilities. Raul has been involved in the development of alternative studies, concept analysis, highway design, preparation of final construction plans, post design and forensic analysis. He has experience managing resources and training staff on resurfacing, restoration and rehabilitation, reconstruction and complete streets projects for FDOT, Broward County, CRA's and municipalities. He has provided coordination, field review, design and production, cost estimates, signing and pavement marking, drainage, pavement design, lighting, signalization, ADA compliance, traffic calming, complete streets and construction engineering inspections. Raul also has experience in hazard mitigation grant writing for storm water impacts and a background in structural inspections.

Townwide Bicycle and Pedestrian Improvements | Town of Miami Lakes | Project Manager: The scope of this project includes the bicycle and pedestrian complete streets improvements of selected corridors within the Town of Miami Lakes. Complete streets and traffic calming improvements are applied by carefully balancing right of way constraints, drainage, utilities and existing landscape with bicycle and pedestrian needs. Since this is a LAP project, coordination with FDOT on the development of NEPA documentation is required.

Hollywood Blvd. Complete Streets Project | FDOT District 4 | Project Engineer: Decorative signalization and lighting improvements along Hollywood Blvd. from City Hall Circle to Dixie Highway. Responsibilities included the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd into a multimodal facility for automobiles, bicycles and pedestrians.

SR A1A Lane Reduction and Concept Plan from Hollywood Blvd to Sheridan St | Hollywood Beach CRA | Design Engineer: Assisted in the developed of complete street concept plans for SR-A1A from Hollywood Blvd to Sheridan Street. The purpose of this concept plan was to help implement goals/vision of the Hollywood Beach CRA Plan. These goals emphasized on reduction of speed, safety for vehicles, pedestrians and bicyclist via wider sidewalks and where feasible buffered bike lanes. The benefits of this project included improved corridor aesthetics and multi-modal facilities resulting in enhanced livability, walkability and economic development. All proposed improvements were coordinated with FDOT.
Reference: Susan Goldberg, Deputy Director Hollywood CRA, (954) 924-2980

Fort Lauderdale Beach Streetscape Improvement Project | Fort Lauderdale Beach CRA Lead Design Engineer: The purpose of this project was to provide a pedestrian friendly unobstructed walkway along SR A1A Responsible for the Lighting and Streetscape retrofit plans for SR-A1A from the South Beach parking lot to Sebastian Street. Performed the photometric analysis of turtle friendly amber LED lighting along this signature segment of Fort-Lauderdale beach. Designed multiple alternatives for pedestrian and vehicular turtle friendly lighting and calculated construction cost of each alternative. Responsible for developing the Transportation Design for Livable Communities Project Designation Application and all applicable FDOT design variations for the streetscape. Also responsible for utility coordination and sub consultant coordination for this City of Fort Lauderdale high profile project.

5th Avenue South Bikeway and Pedestrian Trail | Lake Worth CRA | Project Engineer: Responsible for the development of initial plans for the CRA's signature proposed bike and pedestrian trail. Used a 3D model approach to best fit horizontal and vertical geometry within available right-of-way. Performed field reviews and utility coordination throughout the corridor.

MARLIN

Federal Highway (US-1) Interim and Final Enhancements | Delray Beach CRA | Design Engineer: Performed post design services and revisions for this complete street LAP project. The scope consisted of providing roadway design, water main design, relocation of piping for new drainage facilities, and design of water main crossings for a multi-phased project which includes two miles of the US-1/Federal Highway one-way pair in each direction in Delray Beach. The City and CRA adopted the Downtown Delray Beach Master Plan, which has, as one of its key elements, a reconfiguration of the two one-way segments of US-1 from three lanes to two lanes. The project also included on-street parking, landscaping beautification, environmentally sensitive street lighting, irrigation design, bicycle lanes, pavers, and crosswalks.

SR A1A RRR Design from East of Mercedes River Small Bridge to Sunrise Boulevard | FDOT District 4 | Deputy Project Manager: Lead Engineer responsible for the milling and resurfacing of SR A1A from the bridge over the Mercedes River to Sunrise Boulevard. Developed milestone work-plans and managed sub consultants and internal staff resources to meet all FDOT deliverables. This corridor is designated as a Florida Scenic Highway, this segment of SR A1A is also nationally and internationally renowned as the Fort Lauderdale Beach Strip. This project included four different typical sections for SR A1A. A number of deficiencies were identified during field review, including unsafe pedestrian movements, cracked sidewalks, substandard bridge pedestrian aluminum rails and abandoned, blocked-off driveway cuts. Used a holistic approach to ensure connectivity of the different modes of transportation including bicycle storage facilities and special signing to achieve a successful design within FDOT guidelines. Work included drainage repair, sidewalk modifications to meet ADA criteria, signing and pavement markings, traffic control plans, lighting evaluation and local agency coordination.

Seacrest Boulevard Roadway Improvements | Boynton Beach CRA | Design Engineer: Developed traffic calming concept plans for Seacrest Blvd inclusive of roadway, and streetscape design as well as providing signage design, plans preparation. These beautification and general improvements are part of Boynton Beach CRA's overall plan to improve the City's aesthetic and provide enhanced gateways into the community.

Sidewalk Inventory Study | Boynton Beach CRA | Design Engineer: Assisted in the development of a sidewalk inventory for the entirety of the Boynton Beach CRA limits to identify those streets that have sidewalks and those that are missing sidewalks. Identified deficiencies in sidewalk and gaps in connectivity, and developed sidewalk inventory map.

NW 82nd Avenue and Oak Lane Intersection Improvements | Town of Miami Lakes | Project Manager: Engineer of Record for the redesign of NW 82nd Ave and Oak Lane intersection improvements project. Improvements include addition of a left turn lane, median reconstruction, signing and pavement markings and localized ponding corrections.

Protected Bike Lanes SW 64th Street | City of South Miami | Project Engineer: Lead Roadway Engineer on the city of South Miami SW 64th St protected bike lanes project. This project contains varying typical sections addressed in a two phase design approach. Critical elements of this traffic calming bike lane project include, drainage, driveway connections, chicanes, green bike lanes and supplementing signing and pavement markings.

Districtwide Minor Design | FDOT District 4 | In House Support/Project Engineer: In house design support to FDOT D4 providing technical expertise in roadway design and plans production. Serving as an extension of District Four staff providing project management support addressing issues such as localized ponding, constructability, utility coordination, maintenance of traffic, signing and pavement marking and signalization.

SW 100th Ave Complete Street improvements | Town of Cutler Bay | Project Engineer: Lead roadway engineer on the complete streets improvements for SW 100th Ave in the Town of Cutler Bay. Improvements included the widening of the road to accommodate for new landscaped medians and on-street parking. The project required the design of 1000 linear feet exfiltration trench along with driveway connections, ADA curb ramps, signing and pavement markings and the addition of special emphasize crosswalks.

Miguel Soria, PE

QA/QC, Chief Engineer

Mr. Soria has more than 26 years of experience in Highway Design, Drainage, Construction, and Maintenance projects ranging in complexity from Urban/Rural Highway Reconstruction to Urban/Rural Highway Rehabilitation. He has proven to be a leader in the field of plans preparation, utilizing the latest technology to develop horizontal and vertical geometry, cross sections and drainage on complex highway design projects. Mr. Soria has worked in the field of construction as a Resident Engineer for numerous projects and has managed urban reconstruction jobs including drainage and railroad rehabilitation.

Years of Experience: 26

AREAS OF EXPERTISE

Project Management
Highway Design
Drainage
Construction Management
Structures Inspection

EDUCATION

BS Civil Engineering
University of Miami, 1989

REGISTRATIONS

PE Florida 49359, 1995

CERTIFICATIONS

Traffic Control TCMA 22879162
Value Engineering CUS #840603
FHWA-NHI-130055 Safety Inspections of In-Service Bridges - 2015
Maintenance of Traffic - Advanced
PADI Certified Diver

AFFILIATIONS

Florida Engineering Society
American Society of Civil Engineers

WORK HISTORY

Marlin Engineering, Inc.
8/1996-Present
Senior Vice President

Florida Department of Transportation - District 6
1/1990-7/1996
PE Trainee / Project Engineer

Miscellaneous Streetscape Improvements | Town of Miami Lakes | QA/QC Officer: Design services for the installation of paver treatments at various locations, including gateways and specific intersections (unsignalized and signalized), as well as the application of pavement markings. Marlin prepared the construction documents which included three design typical design alternatives, signing and pavement markings, traffic control plan, and cost estimate.

West Lakes Drainage Improvements | Town of Miami Lakes | QA/QC Officer: Preparation of contract plans, drainage analysis, FEMA Grant application, as well as plans preparation for the project, and coordination of the agencies involved. Included cost estimate and identifying the amount of exfiltration and the design of the control structures

SW 208 Street Roadway Improvements | Town of Cutler Bay | QA/QC Officer: Addition of a new center median, bike lanes and landscaping. Awarded APWA Technical and Management Innovation Award.

NW 25th Street Final Roadway Design and Post Design Services | FDOT District 6 | Engineer of Record (EOR): Mr. Soria was the EOR for the reconstruction of NW 25th Street from NW 89 Ct. to NW 67 Ave and NW 22 St. Project included the design of a complex viaduct structure from NW 82 Ave to NW 22 St. Due to the complex nature of the NW 25 Street project extensive interagency coordination was required.

SR 997/Krome Avenue from SW 8th Street to Kendall Drive | FDOT District 6 | Engineer of Record/Project Manager: Widening of SR 994 from four to six lanes. Due to its proximity to sensitive wetlands, required major permitting activities. Responsible for the development of the all design plans including the traffic control, drainage and structural plans.

Old Cutler Roadway Reconstruction | Town of Cutler Bay | Senior Project Engineer: Reconstruction of Old Cutler Road included adding 2 lanes, curb and gutter, shared use pedestrian/bicycle path, stormwater drainage, decorative street lighting, signalization, landscaping, and two traffic-calming circles. Coordinated and scheduled: daily inspections, material testing activities and procedures, construction work, road closures, detours, safety zones, and the relocation of public utilities.

NW 92nd Avenue Reconstruction | City of Doral | Senior Project Engineer: Included coordination between governing agencies, overseeing safety concerns, ensuring compliance with MOT plans, scheduling and project close-out. Construction oversight for Drainage System; new roadway construction and widening; clearing and grubbing including implementation of the stormwater pollution prevention plan before construction; Curb and Gutter and sidewalk; new asphalt pavement; milling and resurfacing; signage and pavement markings; and, landscaping.

NE 42nd Street | City of Miami | Construction Project Administrator: CM and inspection for the resurfacing of NE 42nd Street to NE 48th Street from North Miami Avenue to NE 2nd Avenue. Included milling and resurfacing, drainage, ADA, signing and pavement markings.

NW 14th Street Resurfacing and Widening | City of Miami | Construction Project Administrator: CM and inspection of NW 14 Street from NW 34 Avenue to NW 22 Avenue. Included covered resurfacing of NW 14 Street, widening for paved shoulder, drainage, pedestrian ramps, and construction of street parking areas (concrete grid pavers).

Years of Experience: 23

AREAS OF EXPERTISE

Highway Design
Maintenance of Traffic
Structures
Project Management

EDUCATION

BS Civil Engineering
Universidad Del Norte, 1985
MS Civil Engineering
Florida International University, 1996

REGISTRATIONS

PE Florida 51412, 1996

CERTIFICATIONS

Advanced Maintenance of Traffic

WORK HISTORY

Marlin Engineering, Inc.
3/2005-Present
Chief Engineer

EAC Consulting, Inc.
10/1995-6/2007
Project Manager

Bettigole Andrews & Clark, Inc.
8/1993-10/1995
Assistant Engineer

Rafael Lagos, PE

Chief Engineer

Mr. Lagos is a Florida Professional Engineer with more than 23 years of civil engineering design experience with expertise in several disciplines such as Structures, Roadway Design, Plans Production, Traffic Control Design, Permitting, and Utility Coordination. Mr. Lagos is highly proficient in ADA and complex geometric design and has served in various leadership roles in highway design production and project management.

Hollywood Blvd. Complete Streets Project | FDOT District 4 | Signalization and Lighting | Chief Engineer: Decorative signalization and lighting improvements along Hollywood Blvd from City Hall Circle to Dixie Highway. Responsibilities include the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd into a multimodal facility for automobiles, bicycles and pedestrians.

Townwide Bicycle and Pedestrian Improvements | Town of Miami Lakes | Engineer of Record: The scope of this project includes the bicycle and pedestrian complete streets improvements of selected corridors within the Town of Miami Lakes. Complete streets and traffic calming improvements are applied by carefully balancing right of way constraints, drainage, utilities and existing landscape with bicycle and pedestrian needs. Since this is a LAP project, coordination with FDOT on the development of NEPA documentation is required.

Biscayne Trail Segments C and D PD&E and Design | Miami-Dade County | Senior Engineer: This project is an on-going 36.2 mile long multi-use trail study that includes a Project Development & Environmental (PD&E) study, trail design, and construction management services. Mr. Lagos was involved in the conceptual and preliminary design of proposed alternatives. He coordinated the engineering design of a 14–mile pedestrian/bikeway trail connecting Black Point Park and Homestead Bayfront Park, along Biscayne Bay, with the Greenways Trails System. Mr. Lagos also was involved in the coordination with permitting agencies such as FDOT, SFWMD, DERM, US Army Corps of Engineers and US Wildlife and Fishing.

NW 92nd Avenue | City of Doral | Engineer of Record: Design for the extension of NW 92nd Avenue. Project includes the preparation of roadway plans, drainage report and plans, surveying, utility coordination, signing and pavement markings, signalization, lighting and permitting.

Non-Motorized Overpass at SR 5/US 1 and SW 27th Avenue | FDOT District 6 | Chief Engineer: Conceptual and feasibility analysis to identify, evaluate and recommend potential alignments for a non-motorized overpass. The analysis included typical sections, horizontal and vertical geometry, traffic control, conceptual right of way costs, coordination with pre-fabricated bridges, construction cost estimates, plans and profiles.

SR 811 – Dixie Highway from NE 26th Street to McNab Rd | FDOT District 4 | Senior Roadway Engineer: Responsibilities included final roadway design for the milling and resurfacing of this corridor. Also involved were the preparation of signing & pavement marking plans, estimate, electronic delivery, specification package, Community Awareness plan, and the Resurfacing, Restoration, and Rehabilitation Report.

SR 710 – Warfield Blvd from FPL Martin Power Plant Rd to CR 609/ Allapattah Rd | FDOT District 4 | Chief Engineer: This project is a major reconstruction project for the Florida Department of Transportation, District 4. Responsibilities included the final roadway design including establishment of typical section, roadway horizontal and vertical geometry, engineering report, drainage analysis and report, production of roadway and drainage plans, development of engineering estimate and specifications.

MARLIN

Years of Experience: 17

AREAS OF EXPERTISE

Roadway Design
Highway Design

EDUCATION

BS Civil Engineering
University of Detroit Mercy
Detroit, MI, 1998

REGISTRATIONS

PE Florida 77979, 2015

CERTIFICATIONS

Advanced Maintenance of Traffic

WORK HISTORY

Marlin Engineering, Inc.
5/2007-Present
Director of Highway Design

EAC Consulting, Inc.
3/1999-3/2005
Structural Engineer

Roxana Matamoros, PE

Director of Highway Design

Ms. Matamoros brings more than 17 years of experience in roadway and highway design including roadway design and operations, pedestrian and bicycle facilities and transportation safety. Her areas of specialization include roadway signing and pavement markings, development of engineering cost estimates and specifications, signalization and drainage analysis. She is a well-established professional in the roadway and highway design engineering communities. She has experience working on design projects for both the Florida Department of Transportation (FDOT) and various municipalities throughout the State of Florida and is a licensed Professional Engineer.

Hollywood Blvd. Complete Streets Project | FDOT District 4 | Senior Roadway Designer: Decorative signalization and lighting improvements along Hollywood Blvd. Responsibilities include the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd into a multimodal facility for automobiles, bicycles and pedestrians.

Non-Motorized Overpass at SR 5/US 1 and SW 27th Avenue | FDOT District 6 | Senior Roadway Designer: Conceptual and feasibility analysis to identify, evaluate and recommend potential alignments for a non-motorized overpass. The analysis included typical sections, horizontal and vertical geometry, traffic control, conceptual right of way costs, coordination with pre-fabricated bridges, construction cost estimates, plans and profiles.

Railroad Grade Separation Study | Martin County MPO | Senior Roadway Designer: Design of a conceptual and feasibility study at 4 railroad crossings with the FEC Rail Line throughout Martin County. The study included grade separation designs and development of conceptual plans and cost estimates for up to 1 crossings for highway/railroad grade separation, 1 concept for intersection/railroad underpass and 2 crossings for pedestrian/non-motorized uses.

Townwide Bicycle and Pedestrian Improvements | Town of Miami Lakes | Senior Roadway Designer: The scope of this project includes the bicycle and pedestrian complete streets improvements of selected corridors within the Town of Miami Lakes. Complete streets and traffic calming improvements are applied by carefully balancing right of way constraints, drainage, utilities and existing landscape with bicycle and pedestrian needs. Since this is a LAP project, coordination with FDOT on the development of NEPA documentation is required.

NW 92nd Avenue Reconstruction | City of Doral | Senior Roadway Designer: Design services for the extension of NW 92nd Avenue. Project includes the preparation of roadway plans, drainage report and plans, surveying, utility coordination, signing and pavement markings, signalization, lighting and permitting.

Old Dixie Highway from NW 13th St to S End of Bridge over Middle River | FDOT District 4 | Senior Roadway Engineer: Responsible for the quality control of the construction plan set for this 0.88 mile signature complete streets project. The improvements under this contract included reducing the width of the travel lanes and modifying shoulders to add 4-foot bike lanes in both directions, constructing sidewalk, drainage improvements, adding a roundabout at NE 16th Court, permanently reducing speed limit to 25 MPH, installation of pedestrian lighting, adding landscaping and swales to improve drainage, removing old asphalt and resurfacing the roadway, constructing 8 raised intersections and 6 raised pedestrian crosswalks and adding new signing and pavement markings.

MARLIN

Years of Experience: 28

AREAS OF EXPERTISE

AutoCAD
Inroads / Civil 3D
MicroStation
GeoPak

EDUCATION

Associates Degree Computer Design & Arts, Coastal Training Institute, Montgomery, AL

WORK HISTORY

Marlin Engineering, Inc.
2/2017-Present
Senior Designer

Parsons
4/2000-3/2004; 10/2013 -1/2017
Senior Designer

The Have A Nice Day Company
2010-2016
Consultant

AECOM
3/2006-6/2009
Senior Designer

Worley Parsons/Parson E & C
3/2004-3/2006
Senior Designer

Parson Brinkerhoff
9/1998-4/2000
Designer

Friedrich and Associates
10/1990-9/1998
Designer

MARLIN

John Blankenship

Senior Designer

Mr. Blankenship has over 28 years in engineering design (Civil, Roadway, Transit, Site, Structural and Utility), business development, programming, proposal and graphic artist. Using technical programs such as AutoCAD to MicroStation, Paint to Adobe Creative Suites; his computer skills branch out to becoming a great asset to any team. Mr. Blankenship's leadership and management skills have placed his ability to do the assigned job first and focusing on the education on those in his team above most other management leaders.

NW 82nd Avenue and Oak Lane | Town of Miami Lakes | Senior Designer: Redesign of NW 82nd Ave and Oak Lane based on safety study recommendations, roadway median design, adding pavement marking and signage.

Traffic Circle Design | Village of Palmetto Bay | Senior Designer: Traffic Circle Design for the intersection of SW 168th Street and SW 82nd Avenue / SW 170th Street and SW 79th Place for traffic calming.

Traffic Calming Study | Village of Palmetto Bay | Senior Designer: Traffic calming study and evaluation for the Village of Palmetto Bay, FL. Data collection and preparing of a report of needed improvements for the benefit of traffic flow.

Townwide Traffic Calming Study | Town of Cutler Bay | Senior Designer: Traffic calming study and evaluation for the City of Cutler Bay, FL. Data collection and preparing of a report of needed improvements for the benefit of traffic flow.

Protect Bike Lane Study | Miami-Dade TPO | Senior Designer: Protected bike lanes along city of Miami and surrounding Miami-Dade areas along with current traffic conditions. Evaluation and data collection, preliminary design for the Miami-Dade MPO, FL. Data collection and preparing of preliminary design for evaluation.

SR 5 at SW 184 Street Safety Intersection Study | FDOT District 6 | Senior Designer: Traffic safety study at the intersection of SR 5 US 1 (S, Dixie Hwy) and SW 184th St (Eureka Dr.). Field evaluation, preliminary safety designs and data collection.

SR 25 at NE 2 Avenue Safety Intersection Stud y| FDOT District 6 | Senior Designer: Traffic safety study at the intersection of SR 25 (Design Blvd) and NE 2 Ave (N Federal Drive). Field evaluation, preliminary safety designs and data collection.

SR 972 at SR 9 Safety Intersection Study | FDOT District 6 | Senior Designer: Traffic safety study at the intersection of SR 972 SW 22 St (Coral Way) and SR 9 SW 27 Ave (Unity Blvd). Field evaluation, preliminary safety designs and data collection.

SR 90 at SW 17 Avenue Safety Intersection Study | FDOT District 6 | Senior Designer: Traffic safety study at the intersection of SR 90 (Calle Ocho) and SW 17 Ave (Teddy Roosevelt Ave). Field evaluation, preliminary safety designs and data collection.

Econlockhatchee Trail | Orange County | Designer: Preparation of the preliminary and final designs for the one-mile reconstruction of Econlockhatchee Trail from SR 50 to Trevarthon Road. Entailed realigning sub-standard curves, evaluation of an existing bridge structure, and construction of a new bridge over the Little Econlockhatchee River Tributary. The bridge clearance was set to accommodate bike and equestrian trails. The project work involved roadway, drainage, permitting, signing, signals, and structural design. Two public workshops and a public hearing were held to get community input on alignment options and to select the preferred alignment.

Years of Experience: 20

AREAS OF EXPERTISE

Lighting & Signals Design
Highway Design
Roadway Design

EDUCATION

Miami Lakes Technical School, 1997

WORK HISTORY

Marlin Engineering, Inc.
4/2002-Present
Senior Designer

Sanchez-Zenali & Associates
3/2001-4/2002
Architectural Designer

National Cleanrooms, Inc.
1998-2001
Engineering Designer

Elias Diaz

Senior Designer

Mr. Diaz has more than 20 years of roadway design and plans production experience. His responsibilities include lighting and signals design and assisting in the overall roadway design plans preparation and signing and pavement markings. Mr. Diaz has performed as Assistant to the Project Engineer on Project Development & Environmental (PD&E) studies for FDOT.

Hollywood Blvd. Complete Streets Project | FDOT District 4 | Signalization and Lighting Designer: Decorative signalization and lighting improvements along Hollywood Blvd from City Hall Circle to Dixie Highway. Production of plans for this Complete Streets Project which entails the reconstruction of Hollywood Blvd. into a multimodal street.

Townwide Bicycle and Pedestrian Improvements | Town of Miami Lakes | Senior Designer: The scope of this project includes the bicycle and pedestrian complete streets improvements of selected corridors within the Town of Miami Lakes. Complete streets and traffic calming improvements are applied by carefully balancing right of way constraints, drainage, utilities and existing landscape with bicycle and pedestrian needs. Since this is a LAP project, coordination with FDOT on the development of NEPA documentation is required.

Biscayne Trail Segments C&D | Miami-Dade County | Senior Designer: A 36.2 mile long multi-use trail study that includes a PD&E study, trail design, and construction management services. Involved in the engineering design of a 14 mile pedestrian/bikeway trail connecting Black Point Park and Homestead Bayfront Park, along Biscayne Bay, with the Greenways Trails System. Project also involved the coordination with permitting agencies such as FDOT, SFWMD, DERM, US Army Corps of Engineers and US Wildlife and Fishing.

Florida Keys Overseas Heritage Trail-Trail and Parking Lot Improvement | Department of Environment Protection | Designer: Produced construction drawings for the development design of a new bicycle path; pavement and sign markings.

SR 826/Sunny Isles Boulevard Sidewalk Enhancement | FDOT District 6 | Senior Engineering Designer: Development of plans for roadway, drainage, signing & pavement markings, and signalization for FDOT.

Newport Fishing Pier Reconstruction | City of Sunny Isles Beach | Engineering Designer: Responsible for the development of alternatives for a fishing pier & a 5,000 square foot restaurant. Duties included project management, design, permitting and public involvement

SR 834/Sample Road & SR 811/Dixie Highway Minor Design Safety Improvements | FDOT District 4 | Signalization Designer: Signalization improvement (mast arm upgrade) project at the intersection of SR 834/Sample Road and SR 811/Dixie Highway. Responsibilities include the production of this safety project and implementation of the safety report.

SR 7/US 441 and NW 29th Street Minor Design Safety Improvements | FDOT District 4 | Signalization Designer: Signalization improvement project at the intersection of SR 7/US 441 and NW 29th Street. Responsibilities include the production of this safety project and implementation of the safety report.

SR-A1A (Indian Creek Drive) Roadway Reconstruction | FDOT District 6 | Engineering/Lighting Designer: Responsible for the calculation, lighting design, and production of roadway, lighting and traffic control plans.

SR 997 – Krome Avenue from SW 8th Street to Kendall Drive | FDOT District 6 | Signalization/Lighting Designer: Final roadway design for the reconstruction of a 5.564 mile corridor from a two to four lane divided roadway. Included preparation of signing and pavement marking plans and signalization, estimates, electronic delivery and specification packages.

MARLIN

Years of Experience: 32

AREAS OF EXPERTISE

Transportation Planning
Freight and Logistics Planning

EDUCATION

MS Planning
Urban & Regional Planning
Specialization-Transportation
Florida State University, 1981

BS Government
Minor-Computer Science
Florida State University, 1983

AFFILIATIONS

President Broward Section, 1993
American Planning Association
Section Board Member
1989-1993

WORK HISTORY

Marlin Engineering, Inc.
10/2014-Present
Director of Freight Logistics & Passenger Operations

FDOT District 4 Office of Modal Development (OMD)
1998-2014
Strategic Development Manager

PAB Consultants
1997-1998
Project Manager

Frederic R. Harris, Inc.
1991-1996
Director of Transportation Planning

Jeffrey Weidner, MSP

Vice President of Freight, Logistics and Passenger Operations

Mr. Weidner serves as the senior planner for multimodal projects including freight, seaport, intermodal, transit, transportation demand management, pedestrian/bicycle and complete streets. As part of the Executive Leadership Team, Mr. Weidner provides direction for achievement of the Company's objectives and initiatives.

Hollywood Blvd/SR 7 Mobility Hub Project | HNTB Corp/Broward MPO | Project Manager – Managed the development of a project to improve pedestrian/bicycle mobility and transit access at the intersection of SR 7 and Hollywood Blvd. Mr. Weidner coordinated a team of design engineers and pedestrian/bicycle professionals to develop an improvement that included signature stamped concrete at 10 intersections and 6 crosswalks, wrapped 9 utility boxes, implemented a median pedestrian barrier incorporating the City's new logo, protected bike lanes, pedestr5ain scale lighting and green bike lanes at keyholes. The proposal is moving to programming and implementation.

US 1 Enhanced Bus Transit Operations Plan | Kittelson & Associates/Palm Beach MPO | Task Manager: Manages the development of enhanced bus service for the Palm Tran US 1. Route 1 US 1 in Palm Beach County is the number 1 ridership route in the system however its limited stop overlay service "The Bolt" has very low ridership. Mr. Weidner is managing the development of operations plan to improve utilization through GIS analysis of existing ridership using APC data and proposing days of week, span of service, headways and routing alternatives for enhanced services. Deliverables will identify a preferred alternative operations plan including number of vehicles and operating and maintenance costs.

Unified Planning Work Program (UPWP) Fiscal Years 2017 and 2018, Planning and Programming | Palm Beach MPO | Project Manager: Responsible for managing the development of the 2 year guiding fiscal and planning document for the Palm Beach MPO. Responsibilities include preparing the document in coordination with the Director and Assistant Director and meeting all federal and state requirements. The document includes annual budgets for FY 2107 and 2018 allocated to 5 different program areas utilizing a mix of USDOT, FDOT, Commission on Transportation Disadvantaged and Palm Beach County funds.

Martin County Railroad Grade Separation Study | Martin MPO | Project Manager: Managing a study to vet 28 railroad crossings to identify, evaluate and select potential roadway and non-motorized grade separation crossings over the FEC Rail Line throughout Martin County study will develop conceptual plans for up to 2 crossings for highway/railroad grade separation and for 2 crossings for pedestrian/non-motorized uses.

SW 10th Street Consensus Building Livability Planning | Broward MPO | Project Manager: Managing a community outreach effort has been opposed to improvements in the corridor for more than 25 years. A project project brand, website and collateral material and 46 local meetings were held to inform the public and to get them to understand that there are opportunities that are passing them by and that the status quo is not helping anyone. Received a 17-1 vote at MPO Board to move forward.

FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 4-OFFICE OF MODAL DEVELOPMENT (OMD) | STRATEGIC DEVELOPMENT MANAGER | 1998 - 2014: Mr. Weidner managed the District Transit, Transit Oriented Development, MPO, Intermodal, Express Bus, Pedestrian/Bicycle, Commuter Services and Freight Programs as well as managing the Office-wide Work Program ranging between $140 M to $195 M/year. Responsibilities included the development and supervision of a high performing team, communicating the Mission and Vision of the Department and fostering the skill sets to implement multimodal and intermodal facilities in Southeast Florida.

FDOT District 4 Pedestrian/Bicycle and Complete Streets Programs | Strategic Development Manager: Managed the development and implementation of complete streets and bicycle/pedestrian initiatives for 16 years at the District, including:

- Pedestrian/Bicycle Decision Support System - interactive database system utilized to prioritize pedestrian/bicycle gaps based on fatal and serious injury crashes, proximity to schools and parks, TAZ auto-ownership data, length of gap and other relevant factors. The system utilized GIS technology to display maps of gaps and overlays for the prioritization criteria. Resulted in 17 miles of gaps being funded and constructed.
- Modal Development Scoping Forms -developed and implemented a process to provide Design Project Managers with a summary of concise issues related to ped/bike, transit, ADA access to transit, RR Crossing and aviation needs so that they could properly fund and schedule projects.
- Statewide Leadership - District 4 Pedestrian/Bicycle Champion for the Secretary's Alert Today Alive Tomorrow Safety Campaign. Frequently requested to participate on FDOT statewide initiatives such as: successfully introducing and implementing the initial SIS Program; representing FDOT on the State of Florida Bicycle/Pedestrian Coalition and participating in development of new policies including FDOT Complete Streets and Managed Use Lanes Policies.

The Wave, Ft. Lauderdale Streetcar | FDOT Liaison | Strategic Development Manager: FDOT Liaison to local project team. Managed the FDOT input, preparation, comment and review of technical documents and New Starts and TIGER Grant submittals to the Federal Transit Authority. Required years of partnership building that has been showcased by the locals across the nation as a model for start-up streetcar projects. *(2005 to 2015) Reference Chris Wren Ft Lauderdale DDA Director, 954-463-6574*

Broward County Transit Downtown Terminal Joint Development Concept Study: Managed a concept study in coordination with Broward County Transit for the redevelopment of their main transit hub to provide space for a new hub and a major TOD. Concepts included access for 19 bus bays, 550+ parking spaces and major mixed use development and access/coordination with the adjacent All Aboard Florida station.

FDOT Framework for Transit Oriented Development: Instrumental contributor to the development of FDOT guidelines on transit support/transit oriented development. Mr. Weidner was responsible for scope development, implementation of a planner/developer outreach program to solicit input on needed densities to support different types of transit technologies. Mr. Weidner was also instrumental in the development of the system wide transit supportive and oriented development framework within the document.

Broward Blvd East/West Corridor Studies: Managed 2 studies to analyze and implement light rail transit on Broward Blvd. from SR 7 to the Downtown Core. The study required extensive neighborhood outreach to gain project acceptance, analyzed and identified station locations for a light rail technology and corridor long master plan for stations, station area development and pedestrian bicycle access programs. The project later morphed into the successful Downtown Ft Lauderdale Wave Streetcar.

I-95, I-595 and I-75 Managed Use Lanes Express Bus Projects | Strategic Development Manager: Managed the implementation of transit elements of the Miami I-95 Urban Partnership Agreement from SR 112 to Broward Blvd. in coordination with Districts 4 and 6 and Broward County Transit and Miami-Dade Transit.

Years of Experience: 11

AREAS OF EXPERTISE

Pedestrian, Bicycle and Greenways Planning
Data and Statistics

EDUCATION

Mechanical Engineering
Florida A&M University

CERTIFICATIONS

American Institute of Certified Planners
Certified Public Manager

WORK HISTORY

Marlin Engineering, Inc.
10/2015-Present
Multi Modal Project Manager

Florida Department of Transportation, District 4 OMD
7/2013-10/2015
Complete Streets Coordinator

Florida Department of Transportation, District 6
7/2012-10/2013
Maintenance Management Systems Administrator

Florida Department of Transportation, District 6
11/2007-10/2012
District Statistics Administrator

Florida Department of Transportation, District 4
5/2006 – 11/2007
Roadway Data Technician

MARLIN

Jennifer Fierman, AICP, CPM

Multi-Modal Planner / Public Information Officer

Ms. Fierman is responsible for managing the firm's multi-modal disciplines across the state including the Miami, Fort Lauderdale, Tampa and Tallahassee, Florida offices. Her responsibilities include Project Management, Team Leader on pedestrian/bicycle and Complete Streets projects and as a technical specialist on data and statistics.

Hollywood Blvd. Complete Streets Project | FDOT District 4 | Complete Streets Planner: Signing and pavement marking improvements along Hollywood Blvd. from City Hall Circle to Dixie Highway. Responsibilities include the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd. into a multimodal facility for automobiles, bicycles and pedestrians.

Bike Lanes Master Plan | Miami-Dade TPO | Project Manager: Managing a project for the development of the Miami-Dade TPO Protected Bike Lanes Master Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) will create a county-wide low-stress bikeway network connecting existing bike facilities, population centers, employment areas, educational facilities, recreational facilities, other civic institutions to existing and planned transit facilities including the Strategic Miami Area Rapid Transit (SMART) Plan corridors. Two pilot projects will be identified for fast-track implementation.

Bike Friendly Miami-Dade Program | Miami-Dade TPO | Project Manager: Ms. Fierman is responsible for coordinating the effort to establish Miami-Dade County as a Bicycle Friendly Community by pursuing the Bicycle Friendly designation from the League of American Bicyclists. In addition to preparing the application, primary tasks include identifying and providing technical assistance to municipalities, businesses, and universities that also may be interested in obtaining a Bicycle Friendly designation. As part of this task, Ms. Fierman also managed the deployment of bicycle and pedestrian counts at 55 locations as outlined by the MPO to build a repository of historic bicycle and pedestrian data and identify trends in walking and bicycling throughout the county.

Safe Routes to School Infrastructure Applications 2015 & 2016 | Miami-Dade TPO | Project Manager: Ms. Fierman was responsible for the evaluation of ten schools selected by the Miami-Dade MPO for Safe Routes to School improvements. This evaluation included field visits, coordination with school administration, and outreach to stakeholder groups to get input on needed safety improvements. Ms. Fierman documented unsafe walking conditions and developed recommendations and cost estimates for improvements to infrastructure within each school's attendance boundary. She developed and submitted ten infrastructure applications to FDOT for funding based on the recommendations.

Protected Bike Lanes Master Plan | Miami-Dade TPO | Project Manager: Managing the development of the Miami-Dade TPO Protected Bike Lanes Master Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) will create a county-wide low-stress bikeway network connecting existing bike facilities, population centers, employment areas, educational facilities, recreational facilities, other civic institutions to existing and planned transit facilities including the Strategic Miami Area Rapid Transit (SMART) Plan corridors. The study will identify two pilot projects for fast-track implementation.

Adaptive Signal Control Technology Implementation | FDOT District 4 | Public Involvement Coordinator: Conducted outreach meetings with city staff and elected officials to inform them on the implementation and integration of an adaptive signal control system (Centracs) along SR 5/US 1 (12 intersections) within the City of Fort Pierce. Responsibilities included scheduling meetings, presenting to city and county staff and elected officials and answering questions about the benefits and implementation of the project.

SR 80 Corridor Action Plan - SR 80 from US 27 to I-95 | FDOT D4 | Pedestrian/Bicycle Complete Streets Technical Support: As a sub consultant, responsible for assessing existing conditions, developing future alternatives for transit and freight and identifying recommendations to promote pedestrian and bike use and increase safety along a 45 mile SIS corridor in Palm Beach County. Responsible for pedestrian, bicycle, transit and freight components of the study, which take into consideration the unique character of the corridor which traverses almost the entire county connecting the economically disadvantaged Glades area to employment opportunities, and connecting the seaport in the East to the agricultural areas to the West.

SW 10th Street Consensus Building Livability Planning | Broward County, FL | Broward MPO | Public Outreach Coordinator: A community outreach effort to bring together regional and adjacent community groups to concur and collaborate on a transportation project that has been delayed for decades because of community concerns. Outreach included educating stakeholders about the long-range transportation planning process and travel demand forecasting in order to demonstrate the need for a project. Outreach included the development of a project brand, website and collateral material and many, many local meetings to inform the public. Stakeholders to be reached include Homeowners Associations, business owners, Chambers of Commerce, elected officials, and other community leaders. Project included development of a logo and tag line, designated phone line and email address for questions from general public, elected official one-on-ones and other outreach techniques. Outcomes included MPO Board approval to advance the transportation project to the next phase.

Complete Streets Implementation Plan | FDOT District 4 Office of Modal Development (OMD) | Complete Streets Coordinator: Ms. Fierman represented FDOT District 4 on the statewide committee to develop the FDOT Complete Streets Implementation Plan, which was published in December of 2015. This effort was a comprehensive evaluation of FDOT policies and practices with the goal of developing a framework for integrating a Complete Streets approach into FDOT's practices.

FDOT Complete Streets Policy | FDOT District 4 Office of Modal Development (OMD) Complete Streets Coordinator: Ms. Fierman was responsible for coordinating the District 4 review of the FDOT Complete Streets Policy, which was adopted in 2014. For Alert Today Alive Tomorrow Safety Campaign – Ms. Fierman participated in a statewide committee with Planners, Designers, Health Agencies, and Law Enforcement to develop strategies for addressing the bike and pedestrian safety problem in Florida. As Champion for District 4, Ms. Fierman reached across FDOT Divisions and Departments to assure that they understood the magnitude of the issue, the goals, and the objectives and their role in the FDOT Pedestrian/Bicycle Safety Plan, which is a data driven effort focused on addressing the issue aggressively. As a result of this effort, District 4 made improvements at 40 locations in Broward and Palm Beach Counties and hosted a series of safety events to raise awareness about bicycle and pedestrian safety.

Multi-Modal Scoping Forms | FDOT District 4 Office of Modal Development (OMD) | Complete Streets Coordinator: Ms. Fierman produced the multi-modal scoping form, a vital tool for gathering comprehensive information about corridors and synthesizing it for project development. Coordinated with stakeholders inside and outside of FDOT to achieve Complete Streets goals. Contacted local officials to document planning, redevelopment, and zoning opportunities.

Alert Today Alive Tomorrow Safety Campaign | FDOT District 4 Office of Modal Development (OMD) | FDOT Champion: Ms. Fierman participated in a statewide committee with Planners, Designers, Health Agencies, and Law Enforcement to develop strategies for addressing the bike and pedestrian safety problem in Florida. As Champion for District 4, Ms. Fierman reached across FDOT Divisions and Departments to assure that they understood the magnitude of the issue, the goals, and the objectives and their role in the FDOT Pedestrian/Bicycle Safety Plan, which is a data driven effort focused on addressing the issue aggressively. As a result of this effort, District 4 made improvements at 40 locations in Broward and Palm Beach Counties and hosted a series of safety events to raise awareness about bicycle and pedestrian safety.

Years of Experience: 9

AREAS OF EXPERTISE

Strategic Planning

EDUCATION

MA Urban and Regional Planning, FAU, 2013

BA Anthropology/Sociology & History, FIU, 2008

CERTIFICATIONS

AICP Certification, American Institute of Certified Planners, 2017

CNU Accreditation, Congress for the New Urbanism, 2017
Ride Leader Certification, Everglades Bicycle Club, 2016

WORK HISTORY

MARLIN Engineering, Inc.
4/2016-Present

The Street Plans Collaborative
2014-2016

Green Mobility Network
2014-2016

Millennial Planning & Development
2013-2014

Zoo Miami Foundation
2011-2013

Florida Atlantic University
2011-2013

United States Census Bureau
2010

HandsOn Miami
2008-2010

MARLIN

Eric R. Katz, AICP, CNU-A

Strategic Planner

Eric is experienced in developing sensible transportation strategies that meet the needs of all transport users, and considers environmental, safety, fiscal, and land-use factors. Eric studies, analyzes, and evaluates existing and proposed infrastructure, and determines areas of need and improvement for various transportation modes including highways, rail systems as well as bicycle and pedestrian facilities. An analytical person by nature, he also designs transportation surveys, makes use of statistical data to assess travel patterns, and evaluates efficiency of each system. Eric has strong communications skills which allow him deliver clear and informative presentations and reports illustrating both analytical data and improvement recommendations. Additionally, his excellent writing skills helped him secure many government and foundation grants, improving the quality of life for numerous communities.

NE 13th St. Complete Streets Roadway Reconstruction | City of Fort Lauderdale | Project Manager/Public Information Officer: The City of Fort Lauderdale is implementing Complete Streets roadway projects across the city. MARLIN was tasked with Public Information services during the construction phase of the NE 13th Street Complete Streets project. PIO services required for the consultant to have a firm grasp of Complete Streets to both educate the surrounding community of how to navigate roundabouts safely and why they make streets safer for all modes of transportation. Eric's tasks involved attending coordination meetings, communicating with local businesses and residents with official project updates, and developing educational materials that would educate the community about how roundabouts work and how they benefit the community.

Complete Streets Study | Broward MPO | Planner: The Broward MPO is actively seeking opportunities to implement Complete Streets projects along various corridors within the county. As a subconsultant, MARLIN was contracted to assist with researching potential lane elimination projects occurring within the county. Identifying suitable lane elimination segments could offer multi-modal solutions that improve transit and/or bicycle and pedestrian amenities such as separated bike lanes, wider sidewalks, and transit facilities. Eric's tasks included a literature review of all Broward municipalities and documenting proposed complete streets projects and or lane elimination projects.

Transit Operations Facility Feasibility Study | Martin County MPO | Project Manager/Planner: Marlin is developing a feasibility study that would provide the Martin MPO with list of potential locations to consider for a transit operations facility. The scope involves identifying parcels that offer optimal geographic location, appropriate acreage, and zoning that would support an industrial facility which would also service local residents in need of transit related services. Eric's tasks include coordinating stakeholder meetings, GIS mapping, developing a list of recommendations, and providing illustrative concepts of how the transit facility may look and function.

US 1 Multimodal Study | Palm Beach MPO | Planner: As a sub-consultant, MARLIN is assisting with the development a multi-modal analysis along the 45-mile US 1 corridor within Palm Beach County. The scope involves working closely with Palm Tran and other stakeholders in regard to collecting relevant transit and commuter data. Eric's tasks involve GIS mapping and attending numerous field visits documenting existing conditions along the corridor.

Protected Bike Lanes Demonstration Plan | Miami-Dade TPO | Planner: MARLIN led the development of the Miami-Dade TPO Protected Bike Lanes Demonstration Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) will create a county-wide low-stress bikeway network connecting to existing bike facilities, population centers, employment areas, educational facilities, recreational facilities, other civic institutions to existing and planned transit facilities including the Strategic Miami Area Rapid Transit (SMART) Plan corridors. The study identified two pilot projects for fast-track implementation.

Broward Mobility Hubs Study | HNTB | Planner: As a sub consultant, MARLIN is assisting with Broward County's development of mobility hubs that will facilitate multi-modal access and connectivity for all users traversing the county. The scope of the project entails researching Transit Oriented Development (TOD) typologies and how they might integrate with the new FDOT transects. Eric's tasks involved field visits at potential mobility hub sites and researching nation-wide best practices regarding mobility hub typologies.

SMART Plan NE Corridor Inventory Analysis | Miami-Dade TPO | Planner: MARLIN was contracted to develop an Inventory Analysis along one of the six Strategic Miami Area Rapid Transit (SMART) Plan corridors. The scope of the project involves a comprehensive data collection process reviewing relevant case studies, identifying incoming development, and mapping existing conditions in proximity to the FEC railway corridor extending from downtown Miami to the Broward County line. Eric's tasks involved a detailed literature review of nationwide TOD best practices, Municipal CIP and master plans, and mapping future developments.

Doral FGBC Application | City of Doral | Project Manager: The City of Doral contracted MARLIN to lead the preparation of the Florida Green Building Council official re-certification as a Green city. The scope of the project focused on data collection efforts regarding sustainable building and development practices within the city limits. Eric's tasks involved overseeing the overall application development and final submittal to the Florida Green Building Council.

Connecting the Highway Missing Links | Miami-Dade TPO | Project Manager: Marlin is contracted to manage a study focused on exploring possibilities for highway extensions that could improve travel time and relieve traffic congestion within the Miami-Dade expressway network. The scope of the project involved developing and coordinating a study advisory committee of relevant stakeholders who could provide insights regarding potential opportunities.

US 1 from I-95 to SW 152 St Corridor Study | Kittelson & Associates | Planner: Performing data collection and analysis for a multi-modal corridor study along US-1 from I-95 to SW 152 St. The study will analyze existing conditions, identify recurring congestion locations; and evaluate multi-modal transportation improvement needs based on future travel demand. In addition, the study will identify conceptual improvements for congested locations along the US 1 corridor and provide recommendations for subsequent detailed studies. Eric's role in the project included documentation of all bicycle/pedestrian facilities along the study corridor. In addition, Eric managed a speed and delay study of the corridor's existing Metrorail system and buses along the dedicated transitway.

Bike Friendly Miami-Dade Program | Miami-Dade TPO | Public Outreach Coordinator/ Planner: This project focused on coordinating and preparing Bicycle Friendly Designation applications for Miami-Dade County and partnering entities from the League of American Bicyclists. Primary tasks included identifying and assisting municipalities, businesses, and/or universities that may be interested in obtaining a Bicycle Friendly designation. In addition, MARLIN conducted bicycle and pedestrian counts as outlined by the TPO to build a repository of historic bicycle and pedestrian data and identify trends in walking and bicycling throughout the county. Eric's tasks included public outreach, data collection and developing the Miami-Dade Bike Friendly Summit.

Non-Motorized Data Collection Study | FDOT Central Office | Planner: MARLIN was contracted by FDOT Central Office to research and develop a process for the Department to collect pedestrian and bicycle data. MARLIN identified technologies to test and deployed them in Miami-Dade, Broward and Palm Beach based on a matrix of context zones including rural, suburban, urban environments. The technologies include: Pneumatic hoses, Infrared, Mio-vision cameras, and Bluetooth detectors. The Final Report provided recommendations regarding which technologies are best to utilize depending on the built environment context. Eric's tasks included identifying appropriate testing sites, coordinating with technicians in the field, attend regular scheduled project team meetings, and writing portions of the final report.

Townwide Traffic Calming Study | Town of Cutler Bay | Planner: Traffic calming is a system of design and management strategies that aim to balance traffic on streets with other uses. The purpose and goal of the study was to identify particular locations which present speeding/traffic volume problems, determine whether and where traffic calming measures are needed and if so to develop recommendations as to what type of traffic calming measures are suitable for a particular location in order to reduce any identified speeding and/or traffic volume problem. Eric's tasks included GIS mapping, graphics, public outreach, and final recommendations.

Years of Experience: 12

AREAS OF EXPERTISE

Transportation Planning
Traffic Engineering

EDUCATION

BS Civil Engineering
Florida International University
2005

MS Civil Engineering
Florida International University
2012

REGISTRATION

PE Florida 76938, 2013

WORK HISTORY

Marlin Engineering, Inc.
7/2008-Present
Traffic Engineer

Advanced Transportation Engineering Consultants
12/2005-6/2008
Transportation Analyst

Dalila Fernandez, PE

Traffic Engineer

Ms. Fernandez has more than 12 years of transportation planning and traffic engineering experience. She has conducted numerous traffic studies such as qualitative assessment, signal warrant studies, intersection analysis, high crash location investigations, short-term intersection and segment improvements, traffic impact studies, and speed and volume studies. In addition, she has been involved in the development of conceptual design and alternatives analyses for roadway and pedestrian/bicycle facilities, as well as PD&E and feasibility studies.

Greenways Biscayne Trail Segment C | Miami Dade County | Traffic Engineer: This is an on-going 36.2 mile long multi-use trail study, along the Biscayne Trail that includes a PD&E study, trail design and construction management. Biscayne provides recreational access to Biscayne National Park and several of South Florida's coastal habitats.

Districtwide Safety Contract | FDOT District 6 | Senior Traffic Engineer: Performs several in-house safety tasks ranging from fatal crash reviews to districtwide safety analysis. A great majority of the tasks consist of crash analyses, improvement recommendations and performing benefit-cost analysis. The crash analyses consist of sorting crash data by type and number of accidents, calculating confidence levels, performing field observations, identifying the causes of accidents, determining the economic impacts, and developing solutions to improve conditions.

Districtwide Traffic Operations Safety Studies | FDOT District 6 | Traffic Engineer: Provides FDOT with Professional Traffic Engineering Services through the development of various traffic operations and safety studies that are identified for intersections, arterials and related improvement recommendations and evaluations. Studies developed under this contract include: Qualitative Assessments, Signal Warrant Analysis, Intersection Analysis, Arterial Analysis, Left Turn Phase Warrant Analysis, and Fatal Crash Reviews. Ms. Fernandez has performed several studies throughout the district.

Downtown Redevelopment and Transportation Impacts I Village of Palmetto Bay | Traffic Engineer: Study to document the traffic and transportation needs of a proposed downtown redevelopment plan. The proposed redevelopment included a significant densification of the existing downtown area introducing new mixed use developments consisting of residential and retail/office land uses, to be built in three development phases occurring in 2025, 2035 and 2045. Dalila analyzed and documented the results of existing and phased future transportation impacts of the proposed downtown redevelopment including how trips could be internalized between complementary land uses. This study analyzed the transportation corridor segments and intersections in accordance with the Village requirements and approved methodology, which specified an analysis of existing conditions and future conditions without the downtown project (background traffic) and future conditions with the downtown project (total traffic). The results of the study recommended the development of a new local street to support a grid network, signal network and intersection cycle lengths were optimized for future total traffic conditions along with some geometric improvements and a series of improvements to promote use of public transportation as well as promoting bicycling and walking.

SW 8 Street / SW 87th Avenue PD&E | FDOT District 6 | Traffic Engineer: Supervising the data collection of current corridor traffic counts, 20-year Design Corridor System Traffic, volume of trucks and buses for existing, opening, interim years and design year, LOS "C" traffic volumes at anticipated posted speed, and turning movement counts (TMC). She will also perform queue length studies and a traffic noise study. Ms. Fernandez will develop traffic projections, ADT, DHV, develop design traffic projections to be used to establish the basic design requirements for roadway typical sections, and intersection design. She will also perform the existing conditions traffic operational and capacity analysis of the corridor and intersections.

MARLIN

Years of Experience: 11

AREAS OF EXPERTISE

Traffic Engineering
Civil/Hydraulic Engineering
Transportation Planning

EDUCATION

BS Civil Engineering
Higher Polytechnic Institute
Jose Antonio Echeverria
(ISPJAE) | 2002

CERTIFICATIONS

Engineer in Training (E.I.T.)
California 2014
Certificate No. EIT 151983

WORK HISTORY

Marlin Engineering, Inc.
Traffic Engineer Intern
Apr. 2014 to Present

Proihc LTDA
Co-founder/ Project Manager
Mar. 2010 to Mar. 2012

Leanne Garcia Fernandez, EI

Traffic Engineer Intern

Extensive experience for 11 years in executing and leading engineering projects related to water resources, sanitary engineering, and roadway drainage design particularly in hydrology, hydraulics, stormwater drainage, scour and sedimentation studies. Highly skilled at hydraulic modeling of bridge and culvert, bridge scour, open hydraulics channels, floodplain modeling, design of sanitary sewer gravity, and water distribution systems. Proficient in HEC-RAS and AutoCAD Suite for modeling software, and MS Office suite as support. Ability to work positively in a fast paced and dynamic environment.

Districtwide Traffic Operations Safety Studies | FDOT District 6 | Traffic Engineer Intern: Development of various traffic operations and safety studies that will be identified for intersections, arterials, and related improvement recommendations and evaluations. This includes five basic types of safety and traffic operations studies such as: Qualitative Assessments, Signal Warrant Analysis, Intersection Analysis, Arterial Analysis, Warrant Analysis, Composite Studies, and other traffic engineering related studies, Fatal Crash Reviews, and Speed Zone Studies.

SW 8 Street / SW 87th Avenue PD&E | FDOT District 6 | Traffic Engineer Intern: Ms. Fernandez will analyze the data collection of corridor traffic counts, including TMCs, ADTs counts, heavy vehicle counts and queue length studies. She will also analyze the crash data collection for the corridor and will conduct an Arterial Safety Analysis as well as Intersection Safety Analyses for the study intersections.

Pedestrian Study on SW 107th Ave. from Kendall Dr. South to SW 9100 Block | FDOT District 6 | Traffic Engineer Intern: This location is ranked in the top 15 high crash locations for pedestrian crashes. These study limits were identified by the FDOT Safety Office to identify unique safety solutions for pedestrian crashes. Task included data collection for vehicle and pedestrians, review of crash data and analysis, field inventory and review, development and evaluation of improvements. Suggested improvements included a detectable pedestrian warning system at the intersection crosswalks, along with a pedestrian activated High-Intensity Activated crossWalK beacon (HAWK) for pedestrians to cross at mid-block location.

Paraiso Development-Traffic Impact Analysis | Thirty First Property Owner LLC/The Related Group | Traffic Engineer Intern: This project is a single-phase development and consists of 276 condominium units and 2,900 square feet of commercial/ retail development. As part of a preliminary study of the existing conditions, traffic data is being collected on the defined intersections within the project study area. The traffic volume data includes four-hour intersection turning movement volumes, during the AM and PM peak hours. This includes Turning Movement Counts, 24- Hour Bi-Directional Machine Counts, and Segment Traffic Volumes.

Beach Trip Generation Rates | FDOT District 4 | Traffic Engineer Intern: Collected 24-Hour ADT Bi-Directional Counts, Parking Counts, Vehicle Occupancy Data Counts (1 to 5 persons) of incoming vehicles and Beach Occupancy counts at three (3) separate beach location; Crandon Park Beach-Key Biscayne (Dade County), Dania Beach (Broward County) and Lake Worth Beach (Palm Beach County) on a typical weekday and a Saturday.

Downtown Redevelopment Traffic Impact Analysis | Village of Palmetto Bay | Traffic Engineer Intern: The purpose of this consultant contract is to analyze and evaluate the impacts of the downtown Palmetto bay street closures on the surrounding roadway network and intersections based on the new design being planned for Downtown Redevelopment Task Force (DRTF) preliminary project area, which consists of 6,000 new residential units and 400,000 new square feet of commercial development. The traffic study includes road closures, proposed traffic circles, and traffic counts

MARLIN

Abel Espino Martinez, EI

Traffic Analyst

Years of Experience: 11

AREAS OF EXPERTISE

Traffic Engineering
Transportation Planning

EDUCATION

BS Industrial Engineering
Jose Antonio Echeverria University (CUJAE), 2005

REGISTRATION

Engineering Intern (EI), 2017

CERTIFICATIONS

Global Logistics Associates, GLA, American Society of Transportation and Logistics

WORK HISTORY

Marlin Engineering, Inc.
4/2015-Present
Traffic Analyst

Copextel Co., Inc.
11/2009-4/2015
Specialist

Caribex Inc.
9/2005-11/2009
Market Analyst

Abel has more than 11 years of experience. As a Traffic Analyst, he completes the data analysis, field review, recommendations and final report for the different Traffic Study Types, including but not limited to: Safety Studies on arterials and Intersections, Signal and Left turn warrant analysis, Traffic Calming Studies. He has also performed Pavement Assessment along with Maintenance & Rehabilitation Activities scheduling.

He is responsible for developing and organizing traffic data collection studies such as: turning movement counts, pedestrian group counts, spot speed studies, approach counts, gap, travel time and delay. He regularly analyzes data and results. Abel also performs quality control analysis and generates data graphs and reports using Jamar Technologies Software. He performs Traffic Simulations on Intersections and Corridors using Synchro software and put together data sets and maps using GIS platform.

Traffic Operation and Mobility Study | Town of Miami Lakes | Traffic Analyst: Provides the Town with professional traffic engineering services for the assessment of traffic operations and development of conceptual recommendations for safety/traffic calming improvements, as well as, performing a feasibility study for the relocation of a community guard gate.

Traffic Calming Study | Town of Cutler Bay | Traffic Analyst: A comprehensive study for traffic calming alternatives for the entire Town. The scope of the study involved public meetings with the residents, traffic data collection, field review, data analysis, final recommendations and prioritization of works. MARLIN also assists the Town in coordinating with Miami-Dade County's Public Work Department to obtain approval of recommendations.

Traffic Calming Study | Miami Shores Village | Traffic Analyst: A comprehensive study for traffic calming alternatives for the entire Village. The scope of the study involved public meetings with the residents, traffic data collection, field review, data analysis, final recommendations and prioritization of works. MARLIN also assists the Town in coordinating with Miami-Dade County's Public Work Department to obtain approval of recommendations.

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

Citywide Pavement Management Program | City of Doral | Traffic Analyst: Provides the City with professional engineering services to conduct a Pavement Condition Survey (PCS) and perform a Pavement Evaluation of all City owned roads based on the results of the PCS and field observations. The scope of services also included develop a Five-year Maintenance and Rehabilitation Plan to assist the City in scheduling of work and budget.

Districtwide Traffic Operations and Safety Studies | FDOT District 6 | Traffic Analyst: Provides professional traffic engineering services through the development of various traffic operations and safety studies for intersections, arterials, and related improvement recommendations and evaluations. Contract includes the development of basic types of safety and traffic operations studies plus composite studies, including, Qualitative Assessments, Signal Warrant Analysis, Intersection Analysis, Arterial Analysis, Left Turn Phase Warrant Analysis, Fatal Crash Reviews, Speed Zone Studies and Technical Memos.

MARLIN

Years of Experience: 3

AREAS OF EXPERTISE

Traffic Engineering
Transportation Planning
Traffic Data Collection

EDUCATION

BS Civil Engineering
Florida International University
2014

WORK HISTORY

Marlin Engineering, Inc.
8/2014-Present
Traffic Analyst

Florida Department of Transportation District 6
6/2014-8/2014
Traffic Engineering Intern

Engineering and Computing
Florida International University
3/2014-12/2014
Research Assistant at Lehman Center Transportation Research

Florida International University
Green Library Services
9/2011-1/2014
Library Assistant

Djemcy Limage

Traffic Analyst

Mr. Limage has more than 3 years of experience as a Traffic Analyst. In that role, he has performed traffic operations and safety analysis studies, field reviews, level of service analysis, crash analysis, traffic data collection, traffic impact analysis, and developed and evaluated intersection and arterial alternative recommendations. He is proficient in MicroStation, SYNCHRO, CORSIM and Highway Capacity Software (HCM).

Traffic Calming Study | Miami Shores Village | Traffic Analyst: A comprehensive study for traffic calming alternatives for the entire Village. The scope of the study involved public meetings with the residents, traffic data collection, field review, data analysis, final recommendations and prioritization of works. MARLIN also assists the Town in coordinating with Miami-Dade County's Public Work Department to obtain approval of recommendations.

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

Traffic Operation and Mobility Study | Town of Miami Lakes | Traffic Analyst: Provides the Town with professional traffic engineering services for the assessment of traffic operations and development of conceptual recommendations for safety/traffic calming improvements, as well as, performing a feasibility study for the relocation of a community guard gate.

Mid-Block Pedestrian Crossing Feasibility Assessment: SR 834/Sample Road between Rock Island Road and Turtle Run Boulevard | FDOT District 4 | Traffic Analyst: Provides FDOT with Professional Traffic Engineering Services through the development of pedestrian assessment and safety improvements. The study limit was to identify where Coral Springs High School students are crossing SR-834/West Sample Road for purposes of determining a potential location of a midblock crossing. This report documents the findings of field reviews, roadway inventory, condition diagram, and measured sight distance along the study segment.

Resurfacing Master Plan Update | City of Doral | Traffic Analyst: The objective of this project was to update the Pavement Evaluation 2011 & Five-Year Maintenance and Rehabilitation Report, January 2012. Performed a survey of all City owned roads, determining roadway conditions using PCI rating, and identifying a future five-year pavement maintenance and rehabilitation (M&R) plan for the City. These objectives were accomplished through a series of systematic procedures which included: Pavement Inventory, Data Collection, Pavement Condition Rating, Pavement Future Performance, Prioritization of Repair & Rehabilitation, M&R Projects.

Speed Limit Reduction | Miami Shores Village | Traffic Analyst: A speed limit reduction study for the entire Village to improve vehicular, pedestrian, and bicyclist safety. MARLIN, on behalf of the Village, conducted an engineering and traffic investigation to determine if such a change is reasonable and in conformity with criteria promulgated by FDOT. The scope of the study involved, traffic data collection, field review, data analysis and final recommendations.

Harold Pantaleon

Senior Engineering Technician

Years of Experience: 9

AREAS OF EXPERTISE

Traffic Engineering
Transportation Planning

EDUCATION

BS Civil Engineering
Instituto Nacional de Ciencias Exactas, 2012

CERTIFICATIONS

FASC Intermediate FDOT Work Zone Traffic Control, 2014
IMSA Traffic Signal Technician Level 1, 1/2015-1/2018

WORK HISTORY

Marlin Engineering, Inc.
9/2015-Present
Engineering Technician

Advanced Transportation Engineering Consultants (ATEC)
4/2013-6/2015
Graphic Designer

Advanced Transportation Engineering Consultants (ATEC)
3/2012-4/2013
Data Collection Technician

Pantaleon Construction
3/2008-1/2012
Field Supervisor

Harold has more than 9 years of experience in traffic engineering, transportation planning and construction supervision. He is responsible for developing and organizing traffic data collection studies such as: turning movement counts, pedestrian group counts, spot speed studies, approach counts, gap, travel time and delay. He regularly compiles, processes and analyzes data and results; performed quality control analysis; generates data graphs and reports using Jamar Technologies Software; conducts maintenance and calibration of data collection equipment and vehicles; and collaborates with engineers assisting in field work such as: field reviews, collecting project information and on-site pictures, and surveying.

SW 10th Street Consensus Building Livability Planning | Broward MPO | Engineering Technician: Community outreach effort to bring together regional and adjacent community groups to concur and collaborate on a transportation project that has been delayed for decades because of community concerns. Includes the development of a brand, website and collateral material and many, many local meetings to inform the public and to get them to understand that there are opportunities that are passing them by and that the status quo is not helping anyone. Included development of a logo and tag line, designated phone line for questions from general public, elected official one-on-ones and other outreach techniques.

Doral Subarea Freight Plan | FDOT District 6 | Senior Engineering Technician: Development of a subarea fright plan for the central western Miami-Dade County area centered around the City of Doral for FDOT District 6. The purpose of the study is to identify and advance projects that maintain mobility and foster economic development. The study area is the most significant freight center in the state including the Miami International Airport Cargo area, the Flagler Rail Yard, the Doral and Medley warehousing districts, FEC and CSX railroad infrastructure and FDOT, MDX and Florida's Turnpike SIS facilities. The strategy is to format the study in a Planning and Conceptual Engineering (PACE) format so that freight and freight related projects from the study can be advanced in the FDOT Work Program.

Statewide Seaport Origin/Destination Study | FDOT Central Office | Senior Engineering Technician: Performed data collection and data analysis for the project. Responsible for the deployment and maintenance of more than 25 units statewide including the main ports in Florida. He is also responsible for daily traffic monitoring during the data collection period. Performed 72-hour classification counts for the 8 main ports in Florida and 1-hour counts for each deployed location along the main roads in the State. Assisted in developing freight calibration factors, seaport peak hour traffic reports, developed maps and figures.

Icon Biscayne Traffic Impact Study | Related Group | Senior Engineering Technician: Performed data collection and traffic engineering support. Assisted in performing 72-hour approach counts, 72-hour Turning Movement Counts for 12 intersections along Biscayne Blvd. and NE 2nd Avenue. He also assisted in creating Synchro Model and data analysis, developed report graphics and figures

Districtwide Traffic Operations Safety Studies | FDOT District 6 | Senior Engineering Technician: The purpose of this contract is to provide the Department with professional traffic engineering services through the development of various traffic operations and safety studies that will be identified for intersections, arterials, and related improvement recommendations and evaluations. This includes five basic types of safety and traffic operations studies such as: qualitative assessments, signal warrant analysis, intersection analysis, arterial analysis, left turn phase warrant analysis, composite studies, and other traffic engineering related studies, fatal crash reviews, and speed zone studies.

MARLIN

Years of Experience: 12

AREAS OF EXPERTISE

Transportation Planning
Traffic Engineering

EDUCATION

BS in Industrial Engineering
Higher Polytechnic Institute Jose Antonio Echeverria (ISPJAE), 2005

REGISTRATION

Engineering Intern (EI), 2017

WORK HISTORY

Marlin Engineering, Inc.
3/2016-Present
Engineering Technician

Berotz Construcciones Agroindustriales, SA
4/2012-2/2016
Logistics Specialist

Cubalse S.A.
11/2007-3/2012
Logistics Specialist

Geocuba Cartografía
9/2005-2/2012
Production Specialist

Alexis Gonzalez

Engineering Technician

Alexis is responsible for developing and organizing traffic data collection studies such as: turning movement counts, pedestrian group counts, spot speed studies, approach counts, gap, travel time and delay. He regularly compiles, processes and analyzes data and results; performed quality control analysis; generates data graphs and reports using Jamar Technologies Software; conducts maintenance and calibration of data collection equipment and vehicles; and collaborates with engineers assisting in field work such as: field reviews, collecting project information and in-site pictures, surveying.

Safe Routes to School Infrastructure Applications 2015 & 2016 | Miami-Dade TPO | Traffic Analyst: This project was focused on the evaluation of 20 schools selected by the Miami-Dade TPO for Safe Routes to School improvements. Scope of work included documentation of unsafe walking conditions, developing recommendations, and cost estimates for improvements to infrastructure within each school's attendance boundary. This evaluation included field visits, coordination with school administration, and public outreach to stakeholder groups to get input on needed safety improvements. MARLIN produced and submitted 20 infrastructure applications to FDOT for funding based on the recommendations. Alexis' tasks included data collection, analysis and bicycle, pedestrian recommendations.

Doral Subarea Freight Plan | FDOT District 6 | Engineering Technician: Development of a subarea freight plan for the central western Miami-Dade County area centered around the City of Doral for FDOT District 6. The purpose of the study is to identify and advance projects that maintain mobility and foster economic development. The study area is the most significant freight center in the state including the Miami International Airport Cargo area, the Flagler Rail Yard, the Doral and Medley warehousing districts, FEC and CSX railroad infrastructure and FDOT, MDX and Florida's Turnpike SIS facilities. The strategy is to format the study in a Planning and Conceptual Engineering (PACE) format so that freight and freight related projects from the study can be advanced in the FDOT Work Program. For this project, Alexis performed data collection and is analyzing the information to prepare an overall average and AADT for vehicles and trucks, graphic representation and comparison between types of vehicles.

2017/2018 Miami-Dade County 2045 Freight Plan Update | Miami-Dade TPO | Engineering Technician: The purpose of this contract consists of developing the 2045 update of the freight element of the Miami-Dade County Long Range Transportation Plan for the Miami-Dade Transportation Planning Organization. The study includes coordination with a Study Advisory Committee including Port Miami, MIA, MDX, Florida's Turnpike, the FEC and CSX Railroads and FDOT. Plan tasks includes an assessment of truck parking, the update of freight project plans and programs – TIP/STIP, cargo security, a warehousing needs assessment, development of Cost Feasible Plan and SIS Cost Feasible and Needs Plans for freight and freight related projects and assessment of freight activity based on national performance measures. Alexis is analyzing the data collected using Freight Analysis Framework version 4 (FAF4), US Waterbourne Statistics, Port of Miami Historical Data 2011 to 2016, Port Miami River Data and others.

Districtwide Traffic Operations Safety Studies | FDOT District 6 | Engineering Technician: The purpose of this contract is to provide the Department with professional traffic engineering services through the development of various traffic operations and safety studies that will be identified for intersections, arterials, and related improvement recommendations and evaluations. This includes five basic types of safety and traffic operations studies such as: qualitative assessments, signal warrant analysis, intersection analysis, arterial analysis, left turn phase warrant analysis, composite studies, and other traffic engineering related studies, fatal crash reviews, and speed zone studies.

MARLIN

Years of Experience: 14

AREAS OF EXPERTISE

Design
Construction Management
CEI Oversight

EDUCATION

BS in Civil Engineering, Florida International University, 2010

REGISTRATIONS

Engineer in Training
Florida 1100016287, 2011

CERTIFICATIONS

SFRTA Roadway Worker Protection Contractor Safety 11/2015

FEC Roadway Worker Protection 02/2016

Maintenance of Traffic Advanced 08/2015

CTQP Asphalt Paving Level 1 08/2015

CTQP Earthwork Construction Inspection Level 1 08/2015

WORK HISTORY

Marlin Engineering, Inc.
11/2015-Present
Senior Designer

MPG Pipeline Contractors
01/2014-01/2015
Project Coordinator

GueSanc Corp.
01/2013-12/2013
President

Marlin Engineering, Inc.
04/2009-06/2012
Roadway Designer

German J. Sanchez, EI

Engineering Intern

With more than 14 years of experience, German Sanchez is a Senior Designer working on projects involving lighting, signing and pavement markings, signalization, drainage, maintenance of traffic and roadway design. He is also responsible for performing quality control, ensuring that projects meet all requirements outlined in the FDOT CADD Production Criteria Handbook and CADD Manual.

German has experience in overseeing the Construction Engineering & Inspection (CEI) of over 100 railroad rehabilitation projects which included participating in public information meetings, inter-agency coordination, maintenance of traffic and final reports to FDOT.

Biscayne Trail Segments C&D | Miami-Dade County | Designer: An on-going 36.2 mile long multi-use trail study that includes a PD&E study, trail design, and construction management services. Coordinated the permitting process and represented the company's design team at meetings with the County Parks agency. Performed detailed site survey ensuring that parameters set by permitting agency in design were met. Represented the design team and coordinated with various departments.

NW 92nd Avenue Reconstruction | City of Doral | Senior Designer/Inspector: Design services for the extension of NW 92nd Avenue. Project includes the preparation of roadway plans, drainage report and plans, surveying, utility coordination, signing and pavement markings, signalization, lighting and permitting. Following the design, provided field observation and oversight to the construction improvements of NW 92nd Avenue. Included coordination between governing agencies, overseeing safety concerns, and ensuring compliance with MOT plans. In addition, MARLIN will verify quantities installed by the Contractor and make payment recommendation to the City.

Highland Village Sewer Connection Project | City of North Miami Beach | CEI Coordinator: CEI Coordinator responsible for overseeing the contractor to ensure that plans and specifications were followed. The project involved connecting 220 properties to sewer mainline. Reviewed and approved contractor's invoices and developed reports for client outlining weekly progress at project. Represented the CEI Team at progress meetings with the City and Contractor. Assisted city officials in assuring that all paperwork required was completed by property owners allowing the contractor onto their property.

NW 25th Street (West Segment) Post-Design | FDOT District 6 | Senior Designer: Represented company in meetings with contractor and FDOT. Provided plans and boards to public information officer for public meetings and meetings with County advisory boards. Attended meetings with local agencies and business owners during public meetings to answer any questions regarding the benefits of the project. Assisted contractor to expedite review by FDOT and other local governmental agencies of redesign plans by contractor. Would personally visit FDOT and County to ensure that approval of plans would be done in a timely manner.

SR-997 Krome Avenue Reconstruction | FDOT District 6 | Designer: Responsible for maintenance of traffic for the reconstruction of a two lane undivided major rural arterial and converted it to four lane divided roadway from North of SW 8th Street to South of SW 88th Street (Kendall Drive). Responsible for quality control of roadway plans and full implementation of review comments. Assisted Project Engineer during meetings with business owners along corridor including Miccosukee Casino. Performed peer review for quantities in computation book and transport website by FDOT.

MARLIN

Years of Experience: 19

AREAS OF EXPERTISE

Structures Design
Structures Inspection
Project Management

EDUCATION

BS, Civil Engineering
Florida International University, 1997

REGISTRATION

PE: Florida #77896
PE: Connecticut #23468

CERTIFICATIONS

Federal Highway Administration (FHWA), National Highway Institute (NHI) Course #100335 Safety Inspection of In-Service Bridges

FHWA NHI Course #130053 Bridge Inspection Refresher Training

FHWA NHI Course #135046 Stream Stability and Scour at Highway Bridges

FHWA NHI Course #130091 Underwater Bridge Inspection

FDOT Advanced Maintenance of Traffic

AFFILIATIONS

American Society of Civil Engineers
Florida Engineering Society
Women in Transportation

Julie A. Vers, PE

Structural Design Manager

Julie has worked in the area of structural engineering since 1997. She has significant experience in state, county, and municipal projects including project management and structural design/rehabilitation of bridges, sign structures, marine structures, retaining walls, foundations, various miscellaneous concrete, steel, and wood structures, and bridge inspection. Primary types of structural design/rehabilitation projects she has completed include a continuous curved girder steel bridge, moveable bridges, AASHTO girder bridges, steel truss bridge, bridge widenings, parking garages, retaining walls, box culverts and both shallow and deep foundations. Julie is also qualified as a Bridge Inspection Team Leader. She has extensive experience in MathCad, STAAD, CONSPAN, DESCUS I, MDX, FB-Pier, L-Pile, FDOT Box Culvert Program, FDOT Span Sign Program, FDOT Mast Arm Program, Microstation, and AutoCAD. She manages and serves as QC Engineer for MARLIN's Structures Design and Inspection Departments.

Districtwide Asset Management | FDOT District 6 | QC Engineer: Asset Management services including overhead sign inspections throughout District 6. Project includes routine maintenance and repair activities associated with overhead sign structures.

Traffic Signal Mast Arms & High Mast Light Poles Inspection | FDOT District 6 | QC Engineer: Inspection of traffic signal mast arms and high mast light pole structures.

Florida Keys Overseas Heritage Trail (FKOHT) | FDOT District 6 | Project Manager/ Structural Engineer: Condition assessment of 23 historic bridges on the FKOHT. Performed field inspection of bridge structures including: 21 closed concrete spandrel arches; the Seven-Mile Bridge steel girder spans; and the Bahia Honda Bridge comprised of steel girder spans and Pratt truss spans. Prepared Bridge Condition Assessment Reports including recommendations for the rehabilitation/repair/removal of FKOHT bridges. Prepared an Emergency Removal Plan for bridges that are in danger of imminent failure.

Southern Station Bridge over Lake Worth Drainage District E-2 Canal | Palm Beach County | Project Manager/Structural Engineer: Designed a new bridge crossing the Lake Worth Drainage District E-2 Canal. The new bridge is a three span structure comprised of prestressed voided flat slabs on reinforced concrete bent caps and prestressed concrete piles. It will accommodate two traffic lanes and sidewalks on each side.

Veterans Park | Palm Beach County/City of Delray Beach | Project Manager: Structural assessment for a 630 ft long seawall with concrete king pile wall with a concrete cap and sheet piles including marginal docks spaced along the length of the wall. Provided an inspection of the wall from the water side and top side to create a photo log and general condition assessment of the wall. Julie coordinated water side observations with an underwater dive investigation.

Ocean Reef Drive Bridge Load Rating | Monroe County/Ocean Reef Club | Project Manager, Supervisor: Performed a load rating analysis of the existing bridge superstructure for Florida Legal Loads and reviewed the safe bearing capacity of the piles. Julie analyzed the bridge to determine if it is capable of safely allowing the passage of heavy vehicle(s) and equipment necessary for construction of a new parking garage and provided a letter detailing the findings of the structural analysis and recommendations to the Owner.

S-476 Pump Station | South Florida Water Management District | Project Manager: Structural engineering for a trash rake located at the S-476 Pump Station at C-43 West Basin Storage Reservoir.

University Ambulatory Medical Center Bridge | University of Miami | QC Engineer: A single span 66' x 40' vehicular and pedestrian bridge that spans over a canal. The bridge services two 12' traffic lanes and includes a 6'-5 1/2" sidewalk and architectural post type lighting.

Years of Experience: 29

Barbara King-Russell, PE

Senior Structural Engineer

Ms. King-Russell has 29 years of civil and structural engineering experience, including planning, design, construction engineering and inspection, and writing of procedures and specifications, for pedestrian and vehicular facility projects including bridges, retaining walls, sound barrier walls, box culverts, and miscellaneous concrete and steel structures. She has extensive experience designing and coordinating Florida Department of Transportation (FDOT) projects as well as projects for cities, counties and other clients. Through her direct experience designing and coordinating structural projects, Ms. Russell specializes in the proactive identification of potential construction and fabrication issues during the design phase, as well as coordination with the Contractor and fabricator to streamline the approval and construction processes through responsiveness and practicality of design.

AREAS OF EXPERTISE

Structural Design
Structures Inspections

EDUCATION

BS Civil Engineering, Rensselaer Polytechnic Institute, 1981

REGISTRATIONS

PE #41956, Florida

Bridge Structural Evaluation | City of Port St. Lucie | Structural Engineer: Prepared design plans for Southbend Blvd. over C-24 Canal for Bridge Beautification. Investigated the cause and prepared plans for solving the approach settlement and expansion joint issues at the St Lucie West Bridge over the Turnpike. Performed field review of guardrails at the bridge approaches for comparison with the repair recommendations in the FDOT Bridge Inspection Reports for inclusion in repair plans. Miscellaneous tasks included general structural reviews and performing bridge load rating for a possible additional loading.

Florida Keys Overseas Heritage Trail (FKOHT) | FDOT District 6 | Structural Engineer: Evaluated 23 historic FDEP owned bridges on the FKOHT for suitability to be used as a multi-use trail. Performed field inspections of 21 closed concrete spandrel arch bridges. She prepared Bridge Condition Assessment Reports including recommendations for rehabilitation /repair/removal as well as an Emergency Removal Plan for the bridges that are in danger of imminent failure on behalf of the FDOT.

Bicentennial Park Seawall Stabilization and Repair | Ebsary Foundation/City of Miami | Engineer of Record/Structural Engineer: Responsible for plans and post design services for this Design/Build project to stabilize 1447 linear feet of the existing seawall by adding soil anchors attached to the existing concrete cap. Ms. Russell resolved complex construction issues due to unanticipated interferences with abandoned subsurface structures.

Palm Bay Parkway Design-Build | City of Palm Bay | Structural Designer: Preliminary design of the Palm Bay Parkway bridge over the C-1 Canal. This structure is a 240'-0" long, 49'-4" wide 36" Florida I-Beam bridge consisting of four 60'-0" spans supported on pile bents. This was a LAP Project.

Arch Creek Pedestrian Bridges | North Miami, FL: Design Engineer for production of design plans and specifications for two 62-foot pre-manufactured steel truss pedestrian bridges included in this LAP Project for the City. Plans included details for the cast in place concrete end bents on prestressed piles, ADA compliance, and design to accommodate a future water main. Provided post design services and resolved construction issues.

Emergency Relief Canal | Port St. Lucie, FL: Engineer of Record for a project including a cast in place concrete box culvert and two control structures. Ms. Russell was responsible for post design services for the structures.

LeJeune Road Flyover | Miami-Dade County, FL: Design Engineer for 680-foot three-span continuous curved steel box-girder flyover bridge at the intersection of LeJeune Road and Okeechobee Road. Ms. Russell performed post design services, reviewing shop drawings and investigating Contractor's Requests for Information.

Years of Experience: 18

AREAS OF EXPERTISE

Project Management
Bridge Inspection

EDUCATION

BS in Civil Engineering
University of Havana, 1991

REGISTRATIONS

EI No.1197ET213

CERTIFICATIONS

Certified Bridge Inspector
00369 FHWA-NHI - 130078 - Fracture Critical OSHA Fall Protection
Inspection Techniques for Steel Bridges, 2011
FDOT Engineering Concepts for Bridge Inspectors, 2000
PADI/ Rescue Diver Cert
MOT Advanced
TSMA Failure and Inspection Training
National Bridge Element Training, 2014
Confined Space Entry Training, 2015

WORK HISTORY

Marlin Engineering, Inc.
12/2001-Present
Vice President, Structures Division

FDOT District 4
1/1999-12/2001
PE Trainee / Project Engineer

Eduardo Vazquez, EI, CBI

Bridge Inspection Manager

Marlin Engineering's Bridge Inspection Team has been led by Mr. Eduardo Vazquez, EI, CBI for the past 14 years. His 18 years of experience has been pivotal to the development and outstanding performance of this team. Mr. Vazquez vast experience includes design and inspection of structures for water treatment plants and space frames for roof structures, structural inspection that includes bridges (conventional, movable and fractural critical), overhead signs, high mast lights and all type of culverts. He performed inspection of tendon failure at Mid-Bay segmental bridge in District 1 and District 4 segmental bridges. He also led the team of inspections of Monroe County segmental bridges that include the 7-miles, Long Key, Channel 5, and Niles Channel bridges. He is currently the Project Manager and Lead Certified Bridge Inspector for projects with the Florida Turnpike, MDX, and Florida Department of Transportation Districts 4 and 6. Such projects entail structural underwater and top side inspection of bridge structures, scour survey and analysis, Overhead Signs, Traffic Signal Mast Arms, and report processing. He is well versed in governmental procedures at local, state, and federal levels and acts as liaison between agencies.

West Palm Beach I-95 Asset Management Bridge Inspection | FDOT District 4 | Project Manager: Mr. Vazquez is the Project Manager for topside routine bridge inspection, including segmental bridge structures, inspection of overhead sign structures, inspection of high mast light poles (HMLPs) and underwater inspection for all applicable structures.

Districtwide Local Government In-Depth Bridge Inspections | FDOT District 6 | Project Manager: Underwater bridge inspection for all local government bridges located within the FDOT District 6 in compliance with Federal and State regulations. This contract includes a total of 346 bridges consisting of 11 bascules, 243 underwater inspections, 17 fracture critical inspections and additional interim inspections.

Districtwide Asset Management | FDOT District 6 | Project Manager: Asset Management services including overhead sign inspections throughout District 6. Scope of work includes routine maintenance and repair activities associated with overhead sign structures.

Asset Management of Movable Bridge and Fender Systems | FDOT District 6 | Project Manager: Providing Asset Management services including bridge inspections for movable bridges and fender systems throughout District 6. Scope includes routine maintenance and repair activities associated with movable and fender structures.

Traffic Signal Mast Arms & High Mast Light Poles Inspection | FDOT District 6 | Project Manager: Inspection of traffic signals throughout Miami-Dade County.

Routine Structure Inspections | Miami-Dade Expressway Authority | Project Manager: Structural underwater and topside inspection of 127 bridges and over 120 Overhead Sign structures. Includes contract coordination with MDX and the Inspection Team.

Underwater Bridge Inspection for Turnpike | Florida Turnpike Enterprise | Project Manager: Underwater bridge inspections, scour survey and analysis, and report processing on 85 turnpike structures from milepost 0 to 199 (south system).

Districtwide Local Government In-Depth Bridge Inspection | FDOT District 6 | Senior Bridge Inspector: Mr. Vazquez led this assignment for Marlin Engineering. This cycle entailed the structural underwater inspection of over 330 On and Off System Bridge structures, including 11 bascule bridges. Duties included contract coordination with local agencies and the District and Inspection Team Leader.

Districtwide Overhead Sign Inspection | FDOT District 4 | Managed Contract/Team Leader: Structural inspections and report processing in Pontis database for over 900 overhead cantilever, bridge, cable and butterfly signs, including developing, implementing and coordinating the

Years of Experience: 10

AREAS OF EXPERTICE

Environmental Engineering
Wetland Delineation
EPA NPDES regulation
Stormwater Pollution Prevention (SWPPP)
Permitting
QA/QC

EDUCATION

B.S., Environmental Engineering, Polytechnic University, 2008

CREDENTIALS

Transportation Worker Identification Credential (TWIC) for Port Access

AFFILIATIONS

Inter-American Association of Sanitary Engineering and Environmental Sciences (AIDIS)

Puerto Rico Water & Environment Association (PRWEA)

American Water Works Association (AWWA)

Water Environmental Federation (WEF)

WORK HISTORY

Marlin Engineering, Inc.
5/2016-Present
Environmental Coordinator

Adelís Cabán Acevedo

Environmental Manager

Adelís Cabán Acevedo has experience in State and Federal water quality standards and regulations, wetland delineation, Phase I ESA, Environmental Evaluations, environmental health and safety (EHS), State general permits, USACE Joint Permit, EPA NPDES regulation, field procedures, quality assurance/quality control (QA/QC), community relations, Spill prevention, control and countermeasure (SPCC), Stormwater Pollution Prevention Plan (SWPPP), Quality Assurance Project Plan (QAPP), collecting data, providing project documentation and conducting site inspections. Adelís is a keen and well-rounded environmental professional knowledgeable of ENLACE's mission; knowledge acquired through her role as deputy project manager and co-author of the EIS for the CMP Ecosystem Restoration Project.

LAP PROJECT - Townwide Bicycle and Pedestrian Improvements | Town of Miami Lakes | Environmental Coordinator: Ongoing project involves documenting all impacts through the NEPA process assisting the Town of Miami Lakes in their coordination of the Local Agency Program (LAP) process with FDOT in accordance with FDOT LAP Manual guidance. Coordination includes the review of all available environmental information such as, and not limited to, identifying the presence of wetlands, contaminated sites, flood maps, potential impacts to cultural resources, and land acquisition. Conduct site reconnaissance and prepare Site Condition Memorandum with photo-documentation in order to help determine the Environmental Class of Action needed, in concurrence with the design team and Town of Miami Lakes project manager.

Brownfields Program Phase I and Phase II ESAs and Community Outreach | Project Manager: Conducting an inventory review of the properties within the revitalization area of the Municipality of Canóvanas. Conduct 5 Phase I ESAs, the preparation 4 QAPPs for related Phase II assessments in coordination with EPA and the client, as well as the preparation of a Community Participation Plan and presentation meetings with the community.

San Juan PR-22 and PR-5 Environmental and Permit Compliance Audit | Associate Project Manager/Environmental Coordinator: Developed proposed project inspection objectives and targets, and reported to management on progress in attaining them. Served as team leader on toll plazas EHS inspection and environmental permitting compliance. Scheduled and conducted meetings with client. Served as analyst for the collected inspection data, facility permit compliance, and as the inspection reports writer. Contacted state and federal agencies regarding project-related permitting compliance. This project involved conducting an environmental audit (permit search and analysis, site visits, data validation, and inspections) for the PR-22 and PR-5 facilities in Puerto Rico.

Water Quality Monitoring Program Coordinator, San Juan Bay Estuary Program | Water Quality Monitoring Program Coordinator: Implemented the QA Project Plan (QAPP) of the Monitoring Program. Documented, tracked, and monitored the health of San Juan Bay watershed (23 monitoring stations). Maintained quality control of documents and testing data. Produced and presented monthly statistical reports on water quality, laboratory results, and any noted deviations before the Environmental Quality Board, as well as annual reporting on results before the EPA, Caribbean Division. Prepared documents package for the QAPP's implementation external audit.

MARLIN

Years of Experience: 27

AREAS OF EXPERTISE

Survey & Mapping

EDUCATION

Irrigation & Drainage Engineer
Higher Institute of Agriculture Science, 1989

Topography Middle Technician
Alvaro Reynoso Polytechnic Institute, 1980

CERTIFICATIONS

Professional Surveyor & Mapper – Florida 6518, 2006

WORK HISTORY

Marlin Engineering, Inc.
2/2007-Present
Senior Surveyor & Mapper/ SUE Project Manager

FDOT District 6
1/2000-2/2007
Professional Land Surveyor II

Biscayne Engineering
1/1992-1/2000
Survey Technician/Party Chief

Lazaro Fleitas, PSM

Senior Surveyor & Mapper

Mr. Fleitas has extensive experience in all types of surveying projects including Boundary Survey, Topographic Survey, Sectional Survey, Construction layout, As-Built Survey, Land Development Survey, Right of Way Survey, Specific Purpose Survey, preparation of Control Survey and Right of Way maps. His responsibilities include Project Management, client relations, proposals, service negotiations and performing the necessary quality control to ensure client needs are met.

Greenways Biscayne Trail | Miami-Dade County | SUE Surveyor: Established vertical and horizontal controls as well as baseline survey, showed record right of way line, topography survey, check sections, and DTMS.

Ad Barnes Park Improvements | Miami-Dade County | Project Surveyor: The scope of work included boundary survey, topography survey, and tree survey.

SW 208th St from Old Cutler Road to SW 87th Ave. | Town of Cutler Bay | Project Surveyor: Project entailed the establishment and/or resolution of section lines, right of way lines, vertical control, horizontal control, digital terrain models, utility survey, drainage survey, and static GPS.

SR 997 - Krome Avenue from SW 88th St to SW 8th St | FDOT District 6 | Survey Project Manager: Responsible for the direction of all survey activities. Includes the establishment and/or resolution of section lines, right of way lines, vertical control, horizontal control, digital terrain models, utility survey, drainage survey, topographic survey, and static mode GPS.

SR 94/ Kendall Drive at 87th Avenue & SR 973 at 87th Avenue | FDOT District 6 | Project Surveyor: Responsible for the direction of all survey activities which involved safety improvements at specific locations within the project limits. The survey entailed the establishment of vertical and horizontal control, digital terrain models, check cross sections, drainage survey, and a planimetric survey.

Wynwood Neighborhood Service Center (2902 NW 2nd Ave)| Miami-Dade County | SUE Surveyor: Mr. Fleitas was the Survey Project Manager responsible for the direction of all survey activities. This project entailed Horizontal Control, Vertical Control, Baseline of Survey, Right of way Lines, Property Cornes, topographic, Cross-sectional, Spots Elevation, Drainage Survey, Sanitary Sewer Survey, and Survey Tree.

SUE at RickenBacker Causeway & Miami Seaquarium | Miami-Dade County | SUE Surveyor: Mr. Fleitas was the Survey Project Manager responsible for the direction of all survey activities. This project entailed the use of vacuum to excavate for the purpose of physically measuring vertical location, as type of material and depth of utility. Two soft digs would be performed to discover and establish an existing FPL line.

Park Trail Improvements | Miami Dade County | SUE Surveyor: Mr. Fleitas was responsible for the direction of all survey activities. This project entailed Baseline of Survey, Right of way Lines, Topography Survey, Bench Marks, Network Control, and Cross sections

SR 710 - Warfield Boulevard | FDOT District 4 | Project Surveyor: This project is a full DTM (Digital Terrain Model), topographic survey. A total distance of 6.3 miles. Activities include, but are not limited to establish or recover control points, verify alignment, Drainage Survey, and Right of Way Survey.

MARLIN

Years of Experience: 20

AREAS OF EXPERTISE

Survey & Mapping
Subsurface Utilities Engineering (SUE)

EDUCATION

BS Construction Management
Florida International University, 2013

CERTIFICATIONS

Intermediate Maintenance of Traffic, 30Hrs OSHA & Confined Space

WORK HISTORY

Marlin Engineering, Inc.
5/2003-Present
Survey Manager / CADD Technician

Schwebke Shiskin & Assoc., Inc.
6/1996-5/2003
Crew Chief/Instrument Man

Omar Carcamo

Survey Manager / CADD Technician

Mr. Carcamo has more than 20 years of experience performing Land Surveying services, which includes a strong background in horizontal/vertical control surveying, topographic, hydrographic, as-builts, boundary surveys and construction layouts. Mr. Carcamo has worked for a variety of city, county and state agencies, as well as private clients. He is experienced with the latest surveying equipment in the market today. He possesses technical knowledge of Auto CADD 2014, Microstation XM/V8i, CAICE, Microsoft Office Suite and Primavera P6.

LAP PROJECT - Greenways Biscayne Trail Segments C | Miami-Dade County | Survey Technician: Mr. Carcamo established vertical and horizontal controls as well as baseline survey, showed record right of way line, topography survey, check sections, and DTM.

SR 968/SW 1st Street Bridge | FDOT District 6 | Survey Crew Chief / CADD Technician: SR 968/SW 1st Street from 150' West of center line of SW 6th Ave. to 150' East of center line of SW 2nd Ave. Overall project size including the side streets is approx. 1 mile. Within this project, provided a full DTM (Digital Terrain Model), alignment verification, cross sections, topographic/drainage/and bridge survey. (4/2014-9/2014).

SR 90 / SW 8th Street & SR 973 / SW 87th Avenue | FDOT District 6 | Survey Crew Chief / CADD Technician: Full DTM (Digital Terrain Model) project, topographic survey that expands from 200 feet west of the center line of SW 92nd Avenue 200 feet east of SW 82nd Avenue. A total distance of 1.11 miles. Activities included, but were not limited to, horizontal/vertical control, topographic/DTM, planimetric, roadway cross sections, bridge survey and channel survey.

Main Street & Bull Run | Town of Miami Lakes | Survey Crew Chief / CADD Technician: This project is a full DTM (Digital Terrain Model) and topographic survey that expands 100 feet from each direction at the intersection of Main Street & Bull Run.

Village of Miami Shores | CPH | Survey Manager: Provided Ground Penetrating Radar (GPR) and Subsurface Utility Engineering (S.U.E.) Services on all existing utilities that may conflict with the installation of a proposed 12" Water Main.

Port of Miami Tunnel Project | Bouygues Civil Works Florida | Survey Crew Chief / CADD Technician: Provided sewer as-built from Watson and Dodge Island to Client.

TMB Peninsula Aviation Leasehold Survey – Kendall-Tamiami Executive Airport | Miami-Dade County | Survey Technician: Mr. Carcamo is responsible for NGS points recovery, section corners recovery, state plane coordinate in NAD 83/07, establish vertical and horizontal control points, topography survey, establish leasehold boundary survey, and legal description.

Ad Barnes Park Improvements | Miami-Dade County | Survey Technician: The scope of work included boundary survey, topography survey, and tree survey.

Park Trail Improvements PSA | Miami-Dade County | Survey Technician: Baseline of Survey, Right of way Lines, Topography Survey, Bench Marks, Network Control, and Cross sections.

S.U.E. At Rickenbacker Causeway & Miami Seaquarium | Miami-Dade County | Survey Technician: Included use of vacuum to excavate for the purpose of physically measuring vertical location, as type of material and depth of utility. Two soft digs would be performed to discover and establish an existing FPL line.

MARLIN

Victor B. Dover, FAICP, LEED-AP, CNU-A

Founding Principal

Education

Master of Architecture
in Suburb and Town Design
UNIVERSITY OF MIAMI
Coral Gables, Florida

Bachelor of Architecture
VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY
Blacksburg, Virginia

Publication

Street Design: The Secret to Great Cities and Towns, Victor Dover & John Massengale, 2014

Professional Experience

Principal, 1987 to present
DOVER, KOHL & PARTNERS
Coral Gables, Florida

Exhibition Designer, 1985
NATIONAL GALLERY OF ART
Washington, DC

Teaching

Faculty, 2004 - present
FORM-BASED CODES INSTITUTE

Faculty, 1995, 1997, 2003
MAYORS INSTITUTE ON CITY DESIGN

Visiting Lecturer, 1988-1997
UNIVERSITY OF MIAMI
School of Architecture & School of Law

Faculty, 1986 & 1991
FLORIDA GOVERNOR'S SUMMER
PROGRAM FOR ARCHITECTURE & DESIGN

In 1987 Victor Dover cofounded the firm that became Dover, Kohl & Partners, and he serves as Principal-in-charge. Along with his partner Joseph Kohl, Mr. Dover's practice focuses on the creation and restoration of real neighborhoods as the basis for sound communities. Victor has personally led over 140 charrettes worldwide. He holds a Bachelor of Architecture degree from Virginia Tech and a Master of Architecture degree from the Suburb & Town Design Program at the University of Miami. Mr. Dover lectures widely around the United States and internationally on the topics of livable communities and sustainable development.

Mr. Dover was cited by *Architecture* magazine as being among ''the country's best urban designers and architects.'' Work by Dover & Kohl has been published in *Southern Living, Urban Land, Metropolitan Home*, and featured on HGTV, National Public Radio, CNN's *Earthwatch*, and in *BusinessWeek* magazine. Their projects are profiled in a number of planning textbooks, including *The New Urbanism* by Peter Katz, *Community by Design* by Kenneth Hall, *Sustainable Urbanism* by Doug Farr, and *Retrofitting Suburbia* by Ellen Dunham-Jones and June Williamson. Victor's and John Massengale's new book, *Street Design: The Secret to Great Cities and Towns* is on bookshelves now.

Victor Dover is former Chair of the Congress for the New Urbanism (CNU) and was the Founding Chair of the CNU Florida Chapter, the first of its kind. He is a CNU-Accredited Professional. He was a key player in the creation of the Form-Based Codes Institute and the National Charrette Institute, both leading think tanks for sustainable urbanism and community-based planning. Victor is a Fellow of the American Institute of Certified Planners. He served on the core committee setting sustainable urbanism certification standards for the Leadership in Energy and Environmental Design for Neighborhood Development rating system (LEED-ND). Victor has successfully completed all portions of the Architectural Registration Exam.

Service

Member, LEED-ND Core Development Committee, 2011 to 2012
Chair, Congress for the New Urbanism (CNU), 2010 to 2012
Vice Chair, Congress for the New Urbanism, 2008 to 2010
Founding Chair, Florida Chapter, Congress for the New Urbanism (CNU Florida), 2004-2006
Charter Member, Congress for the New Urbanism (CNU), 1993 to present
Emeritus Board Member and Founding Board Member, National Charrette Institute, 2001 to present
Board Director and Co-Founder, Form-Based Codes Institute, 2004 to present
Paul Harris Fellow, Rotary International, 1996
Assistant District Governor, Rotary Club of South Miami, 1998-1999 and President, 1996-1997
Co-Chair, Administrative Council, First United Methodist Church of South Miami, 1997-1999
Director, Jubilee Community Development Corp. (Miami District, United Methodist Church), 1994-1996

Selected Lectures

National Association of City Transportation Officials (NACTO), Keynote Speaker, 2015 (Austin, TX)
CNU National Conference, 2012 (West Palm Beach), 2011 (Chicago), 2010 (Atlanta)
APA National Conference, 2013 (Chicago), 2012 (Los Angeles), 2009 (Minneapolis)
CNU Florida Conference, Keynote Speaker, 2014
CNU Transportation Summit/ProWalk ProBike, Long Beach, CA 2012
Opening Plenary, CNU 17, 2009, Denver, CO
New Partners for Smart Growth Conference, 2011 (Charlotte), 2005 (Miami Beach)
AARP/NAHB Livable Communities Award Ceremony, 2008, Washington, DC
National Association of Home Builders, 2008, Orlando, FL, and 2004, Las Vegas, NV
Australian Council for New Urbanism (ACNU), 2008 and 2005, Brisbane, Australia
Urban Land Institute (ULI), ''Reality Check,'' 2007, Charleston, South Carolina
USGBC Greenbuild international conference and expo, 2006, Denver, CO
American Institute of Architects, 2005, Las Vegas, NV
The Princes Foundation, 2004, London, England
Hawaii Congress of Planning Officials, 2003, Maui, HI
Council on European Urbanism (CEU), 2003, Brussels & Bruges, Belgium
The Seaside Institute, ''The Florida Tapes,'' 1998, Seaside, Florida

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Victor Dover (continued)

Selected Projects

A VISION FOR MICHIGAN AVENUE/ GRAND RIVER AVENUE, Lansing Region, Michigan, 2013
Victor serves as Principal-in-charge and Charrette Leader in this ongoing planning effort, which will engage the Lansing region in defining a unified vision for the Michigan Avenue / Grand Avenue corridor from the State Capitol to Webberville. A series of charrettes will provide the opportunity for an in-depth community conversation about the future urban form of the corridor, and strive to produce a consensus-based vision for urban design, land use, transportation, and economic development.

Reference: Susan M. C. Pigg, Executive Director, Tri-County Regional Planning Commission | 3135 Pine Tree Road, Suite 2C, Lansing Michigan 48911 | 517.393.0342 | spigg@mitcrpc.org

CONNECTING EL PASO | PLAN EL PASO, El Paso, Texas, 2012
Over the course of two years, Dover-Kohl led the process of rewriting El Paso's Comprehensive Plan. The Plan El Paso process was interactive and bilingual, and included charrettes in multiple areas throughout the city. The Dover-Kohl team worked with residents, stakeholders and city officials to create a guide to the City's future growth and enable Transit-oriented Development. During the charrettes, the team was able to talk to over 800 studio visitors, meeting attendees, and hands-on participants. Connecting El Paso Plan was a first step in the comprehensive planning initiative, which includes plans for three transit-oriented development sites around the City's newly constructed and renovated bus transfer centers. This project was awarded a 2011 National Award for Smart Growth Excellence by the US Environmental Protection Agency.

Reference: Carlos Gallinar, AICP, CNU-A, Deputy Director City Development Department, City of El Paso | 2 Civic Center Plaza, El Paso, Texas 79901 | 915.541.4662 | GallinarRC@elpasotexas.gov

THE COLUMBIA PIKE NEIGHBORHOODS PLAN, Arlington County, Virginia, 2011 - 2012
The Columbia Pike Neighborhoods Plan will complete the final phase of Arlington County's Columbia Pike Initiative. In June 2011, the Dover-Kohl team led a public charrette process, inviting the community to work in a hands-on, visual method with the consultant team to create a draft plan for the future of the Pike corridor. The purpose of this Plan is to guide future public and private investment decisions to implement community goals such as enhancing the quality of life along the corridor, creating a pedestrian and bicycle-friendly community, supporting the planned streetcar investment coming to the Pike, and sustaining a supply of housing to serve a community with a broad mix of incomes.

Reference: Jennifer Smith, Columbia Pike Initiative Coordinator, Arlington County CPHD Planning Divison| 2100 Clarendon Blvd., Suite 700 , Arlington, VA 22201 | 703.228.0068 | jsmith3@arlingtonva.us

RICHMOND DOWNTOWN PLAN, Richmond, Virginia, 2007
The Downtown Plan focuses on Downtown Richmond's inherent competitive advantage against the outlying suburbs: walkability, variety, and historic character. Over 800 citizens and stakeholders joined Dover-Kohl and a team of experts in a seven-day charrette. The resulting Master Plan reflects the range of community brainstorming and design input, which will ultimately guide growth and ensure quality development. The Downtown Plan received the 2009 Outstanding Plan Award from the Virginia Chapter of the American Planning Association.

Reference: Rachel O'Dwyer Flynn, Director of the Planning and Building Department, City of Oakland (former City of Richmond Planning Director) | 250 Frank H. Ogawa Plaza, Suite 3315, Oakland, CA 94612 | 510.238.2229 | rflynn@oaklandnet.com

DOWNTOWN KENDALL MASTER PLAN AND CODE, Miami-Dade County, Florida, 1998
The Master Plan and Overlay Code for Downtown Kendall is the product of a June 1998 charrette for a high density urban center in Miami-Dade County. The study area is located at the intersection of the Metrorail line and four heavily traveled, regional roadways. The design team solicited input from community members, business owners, elected officials, and technical experts; the resulting plan allows any number of developers to realize projects within the patchwork of individual properties, with each property contributing to a unified whole. A form-based code accompanies the Master Plan to ensure that new projects are consistent with the vision for transit-oriented development.

Reference: Paul Vrooman, The Vrooman Group (formerly with ChamberSouth) | 10013 SW 223 Lane, Cutler Bay, FL 33190 | 786.842.3373| pvrooman@comcast.net

Pamela Stacy King, CNU-A

Project Director / Town Planner

Education

Master of Architecture
in Suburb and Town Design
UNIVERSITY OF MIAMI
Coral Gables, Florida

Bachelor of Architecture
UNIVERSITY OF MIAMI
Coral Gables, Florida

Professional Experience

Town Planner, 2006 to present
DOVER, KOHL & PARTNERS
Coral Gables, Florida

Designer I/Job Captain, 2005-2006
FORUM ARCHITECTURE & INTERIOR DESIGN, Altamonte Springs, Florida

Senior Designer/Project Manager
2002-2005
CANIN ASSOCIATES, INC. Orlando, Florida

GIS Intern, 1999-2000
WALT DISNEY IMAGINEERING,
MASTER PLANNING DIVISION
Orlando, Florida

Affiliations

Member, Congress for the New Urbanism, 2007 to present
Accredited, 2010

Certified Charrette Planner,
National Charrette Institute, 2007

Graphics in Publications

LEED-ND Handbook, 2009

Form-Based Codes, Daniel G. Parolek, AIA, 2008

Sustainable Urbanism, Douglas Farr, 2008

A Legal Guide to Urban and Sustainable Development for Planners, Developers and Architects, Daniel K. Slone, Doris S. Goldstein, W. Andrew Gowder, 2008

Pamela Stacy King directs projects at every scale drawing on a background in both planning and architecture. Pam focuses on form-based codes, comprehensive plans, master plans, and architectural standards and has experience throughout the United States and internationally. When not directing projects, Pam is the lead designer on illustrative plans working closely with the public to help envision more walkable and sustainable futures. Prior to joining Dover-Kohl in 2006, Pam worked designing homes and community buildings, and producing construction documents and working with municipalities to get projects approved and working with construction managers on-site – both skills that give her a valuable perspective when creating new master plans and form-based codes. Pam received her Bachelor of Architecture and her Master of Architecture in Suburb and Town Design from the University of Miami. She is a certified Charrette planner and is CNU accredited.

Selected Projects

COCOA BEACH GATEWAYS MASTER PLAN, Cocoa Beach, Florida, 2014
Cocoa Beach has remained relatively untouched for several decades, surviving on outside attractors like the Space Shuttle Program. Now the City wants to be "Open for Business" and attract new growth to its commercial areas to attract more visitors and increase its tax base. Pamela led the effort as Project Director to create the *Gateways Master Plan.* The resulting vision redefines SR 520 as a premier east-west corridor connecting the Banana River to the Ocean with a multiway boulevard. The plan lays out a path to revise fine tune development regulations allowing redevelopment to occur.

SEVEN50, THE PROSPERITY PLAN FOR SOUTHEAST FLORIDA, 2012-2014
Seven50 is the plan for the seven counties of Southeast Florida for the next fifty years. The region includes 121 municipalities and over six million people. Plan creation involved over 5,000 people participating in a series of regional summits and local workshops and over one million people via an interactive website. Pamela was a primary coordinator for all public events and was the principal editor of the Seven50 Prosperity Report. Seven50 was funded by the US Office of Sustainable Housing and Communities and was featured on *National Public Radio* and in The *New York Times*.

EL PASO COMPREHENSIVE PLAN, El Paso, Texas, 2010-2012
Pamela assisted in and managed the production of over 250 square acres in El Paso while working on the Comprehensive Plan for the City. Pamela was the primary writer for the Urban Design Element and head editor for the overall document. Connecting El Paso Plan was a first step in the comprehensive planning initiative and was unanimously approved by the El Paso City Council and was awarded a 2011 National Award for Smart Growth Excellence by the US Environmental Protection Agency. The complete comprehensive plan has been submitted to the City for estimated approval by May 2012.

JAMESTOWN MALL AREA PLAN, St. Louis County, Missouri, 2010
Jamestown Mall, located in north St. Louis County is in decline. As project director, Pamela led the team in an effort to find ways to redevelop the mall property in a way that is sustainable and a benefit to the surrounding community. The area plan shows the transformation of the mall parking fields into a diverse walkable, mixed-use village center.

WEST FAIRVIEW AVENUE, Montgomery, Alabama, 2010
The plan proposes transforming the avenue, an auto-dependent strip of commercial uses, into a "main street" with pedestrian provisions like sidewalks, street trees, benches, awnings and on-street parking and encouraging a greater variety of street-oriented civic and retail uses. The plan was designed in conformance with the City's existing form-based code overlay for ease of implementation and included a Transect map for the study area. Pam served as project manager for this effort.

THE BLUEPRINT FOR SPRINGHILL AND OVERLAY ZONING ORDINANCE, Mobile, Alabama, 2007
The Blueprint for Spring Hill outlines the necessary steps to create much-needed walkable centers for this gracious district of Mobile. The plan identified three key commercial intersections and demonstrated their evolution over time from auto-oriented strip shopping centers into memorable meeting places. Pam served as project manager for this effort.

Speaking Engagements

Marketing Innovation: Stimulating Public Engagement Through An Integrated Digital PR Platform | Florida APA Conference, September 2013

Public Engagement In The Information Age | FPZA Conference, June 2014

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Kenneth Garcia, CNU-A

Project Manager / Town Planner

Degrees

Master of Architecture
ANDREWS UNIVERSITY
Berrien Springs, Michigan

Bachelor of Architecture
ANDREWS UNIVERSITY
Berrien Springs, Michigan

Professional Experience

Town Planner, 2007 to present
DOVER, KOHL & PARTNERS
Coral Gables, Florida

Honors

CNU ACADEMIC CHARTER AWARD, 2007
The Saucier Town Plan
Andrews University

TAU SIGMA DELTA HONOR SOCIETY IN ARCHITECTURE, 2007
Andrews University

Affiliations

Member, Congress for the New Urbanism, 2004 to present

Certified Charrette Planner, National Charrette Institute, 2007

Lectures & Exhibits

CNU 22 - The Art of Street Design, 2014
Art of the New Urbanism Exhibit, 2012
CNU 20 - SketchUp as a Foundation for Quick Charrette Hand Drawing, 2012

Kenneth has been with Dover, Kohl & Partners since 2007 and has participated in over 50 design charrettes. He produces many of the firm's illustrations and renderings, using a combination of computer graphics and traditional watercolor techniques. Kenneth received both his Master of Architecture and his Bachelor of Architecture from Andrews University, a leading center for the study of New Urbanism. He is CNU-Accredited by the Congress for the New Urbanism (CNU), and is a Certified Charrette Planner through the National Charrette Institute. Kenneth grew up in Costa Rica and Mexico, and is fluent in Spanish.

Kenneth was a founding member of Andrews University's chapter of the Students for the New Urbanism, and was a member of the design team that won a CNU Charter Award for their work on the Saucier Town Plan for Saucier, Mississippi. He serves on the board of Bike Walk Coral Gables, a local advocacy group that promotes bicycling and walking as safe and healthy forms of transportation and recreation, and as part of Miami Temple's Health Ministries team promoting active and healthy lifestyles.

Selected Projects

PLAN DOWNTOWN OAKLAND, Oakland, California, 2015
The Plan Downtown Oakland project is an interactive planning process for the creation of a Downtown Specific Plan. The project began in the late summer of 2015, with a community kick-off event. In mid-October, Dover-Kohl led a well attended 9-day charrette, located in a storefront in the heart of downtown. The Specific Plan is expected to be completed during the summer of 2016. An Environmental Impact Report (EIR) for the Downtown Specific Plan is expected to be completed during the summer of 2017. Kenneth serves as town planner and illustrator for this project.

CAPITOL CORRIDOR PLAN, Lansing, Michigan, 2014
The Capitol Corridor plan extends approximately 19-miles from the capitol building to the town of Webberville. Spanning 10 municipalities, the corridor transverses cities, towns and countryside. The resulting plan outlines a vision to guide future growth, change and preservation in the corridor; it also provides recommendations for municipalities and key stakeholders to carry these ideas to implementation. Kenneth served as project manager and illustrator for this project.

WATER CAMPUS MASTER PLAN, Baton Rouge, Louisiana, 2013
Working for the Baton Rouge Area Foundation, Dover-Kohl led the initial design of the 30 acre campus that will be the new home of The Water Institute of the Gulf. The campus is expected to grow into a major center for the science and research of river deltas. The Water Campus' walkable streets, public spaces and urban buildings will be a major step toward fostering a better connection between downtown Baton Rouge and Louisiana State University. Kenneth served as Project Director and illustrator for this project.

EL PASO COMPREHENSIVE PLAN, El Paso, Texas, 2012
Over the course of two years, Dover Kohl has led the process of rewriting El Paso's Comprehensive Plan. Through multiple charrettes Dover Kohl worked with the residents, stakeholders and city officials to create a guide to the City's future growth and enable Transit-oriented Development. Kenneth served as a town planner and illustrator for this effort.

CURRIDABAT MASTER PLAN & FORM-BASED CODE, Curridabat, Costa Rica, 2011
Dover, Kohl & Partners teamed with lead firm Castillo Arquitectos of Guatamala City, Guatamala, to create a Master Plan for the municipality of Curridabat, on the outskirts of the Costa Rican capital of San José, with a focus on walkability and livability. Curridabat will be the first municipality in Costa Rica to officially implement a Form-Based Code. It is the recipient of a 2014 CNU Charter Award for Best City Plan. Kenneth served as a town planner and illustrator for this project.

Service

Board Secretary, Bike Walk Coral Gables, 2016-Present
Visiting Critic, Andrews University, 2008-2014
President and Chapter Founder, Students for the New Urbanism, 2004-2006

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305.666.0446 kgarcia@doverkohl.com

Years of Experience: 31

Years With the Firm: 29

Registrations & Certifications:

Registered Landscape Architect, FL, 1989
Registered Landscape Architect, TX, 2009
Fellow American Society of Landscape Architects, 2014

Education:

Bachelor of Landscape Architecture, Landscape Architecture
University of Florida, 1986
Graduate Studies, Urban and Regional Planning
Florida State University, 1989

Publications & Presentations:

American Society of Landscape Architects, Broward Section, *Habitat Restoration*, October 1995
Builders Association of South Florida, *Environmental Issues & Development*, 1999, Lecturer
Florida Educational Facilities Planners' Association, Inc., *Making Connections: Benefits of On-Campus Mass Transit Elements*, July 2014, Presenter/Speaker
Florida Engineering Society, *Environmental Design & Habitat Restoration*, April 1995, Lecturer
Florida Planning and Zoning Association, *Public Private Partnerships*, June 2007, Presenter/Speaker
University of Florida School of Architecture, *Where the Water Meets the Land*, September 1996, Guest Lecturer

Professional & Civic Activities:

Fellow, American Society of Landscape Architects
Past Member, American Society of Landscape Architects, Florida Executive Committee
Vice Chair, Broward County Bicycle & Pedestrian Advisory Committee
Member, Broward Section, American Planning Association
Past Chair, Broward Section, American Society of Landscape Architects
Member, Florida Board of Landscape Architecture, 2013-2016
Member, Florida Earth Foundation, Engineering Advisory Committee, 2004-present
Member, Florida Recreation and Park Association
Member, Florida Redevelopment Association
Recipient, UF Distinguished Landscape Architect Alumnus Award, 2013
Member, Urban Land Institute

Michael Kroll, RLA, FASLA

Senior Landscape Architect / QA/QC

Professional Experience:

Mr. Kroll has been actively involved in projects ranging from large scale habitat restoration to international urban redevelopment projects. His 30+-year career has concentrated on planning, infrastructure, open space, transportation and redevelopment, principally in South Florida.

Mr. Kroll's diverse professional experience has led to projects that successfully integrate environmental, planning and landscape architectural services. Under his leadership, Miller Legg develops project solutions that respond to the natural environment, respect the social fabric and create sustainable aesthetic spaces.

Relevant Project Experience:

City of Hollywood CRA Planning, Landscape Architecture, Civil & Traffic Engineering Consultant - Miller Legg is providing professional planning, landscape architecture, civil and traffic engineering services for a variety of public works projects. Services include: urban planning, landscape architecture, civil and traffic engineering, programming and scheduling, observations, feasibility studies, cost estimates/opinions of probable cost, partial or complete design services, including preparation of construction and bid documents, permitting with all governing agencies, construction contract administration, review of work prepared by other professional consultants, engineering analysis, field tests, laboratory tests, and other miscellaneous planning, landscape architecture, civil and traffic engineering services that may be required.

City of Dania Beach CRA Landscape Architecture & Engineering - Miller Legg was awarded landscape architecture and engineering continuing services contracts by the City of Dania Beach Community Redevelopment Authority (CRA) in 2009. The wide range of possible projects and services anticipated under this include master planning and urban design, roadway, street and Florida Friendly streetscape design, parks and recreational facilities, surveying, parking lot construction, community interaction and facilitation of development projects. The firm has conducted traffic review projects under this contract.

Cocoa Beach CRA Stormwater Master Plan - Miller Legg prepared a Stormwater Master Plan for the Downtown Community Redevelopment Area (CRA) of Cocoa Beach which encompasses approximately 220 acres. The Master Plan sought to tackle existing deficiencies within the existing storm sewer system as well as addressing the newly imposed Florida Department of Environmental Protection (FDEP) Total Maximum Daily Load (TMDL) reduction requirements. The Master Plan proposed the use of various low impact design (LID) stormwater techniques to address the current drainage deficiencies, meeting the TMDL reduction requirements while providing for the urban design and redevelopment as identified in the CRA Master Plan. LID techniques included the use of underground stormwater storage and infiltration systems, bio-swales, pervious pavement with underground storage systems, and tree well systems.

City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue - Miramar Parkway Streetscape Improvement project was a Local Agency Program (LAP)-funded revitalization project in the City of Miramar. The project entailed Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length. The project included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services

provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation. Miller Legg developed a master plan for this corridor, incorporating access management and shared commercial parking facilities to enhance the commercial viability of the corridor. Utilizing the master plan, extensive public outreach was conducted with the corridor stakeholder to establish consensus on the redevelopment and roadway plan.

City of Plantation University Drive Bus Stop Improvements LAP - Miller Legg was retained by the City of Plantation to assist them prepare National Environmental Policy Act (NEPA) documentation. The firm performed an environmental review of 22 existing bus stops to meet Americans with Disability Act (ADA) criteria and installation of eight new bus shelters in the City of Plantation. The work was completed under a Local Area Provider (LAP) agreement between the City of Plantation and Florida Department of Transportation (FDOT) District 4. The goal of the project was to obtain federal funding for the rehabilitation, upgrade, or addition of 30 bus shelters along three miles of University Drive. During the field reviews, staff recorded floral and faunal presence. The firm prepared a Type 1 Programmatic Categorical Exclusion package and coordinated with the FDOT on behalf of the City.

City of Coconut Creek Copans Road Median Landscape Architecture Plans - For this median improvement project along Copans Road between Lyons Road and the Florida Turnpike Overpass, Miller Legg provided landscape, hardscape and irrigation design plans, tree inventory, surveying, permitting, pre-construction and construction observation services to the City. Tree, streets and highway permitting was coordinated with Broward County.

City of Coconut Creek Atlantic Boulevard Landscape Beautification Improvements - Under the firm's Continuing Services contract for Landscape Architecture services, Miller Legg provided context sensitive landscape beautification improvements to this roadway corridor from west of Lyons Road to the Florida Turnpike on an expedited basis. Services included landscape architecture, hardscape, irrigation, water use permitting, construction observation, traffic control and surveying services. We also facilitated the plans for execution of agreements and provided coordination with FDOT District 4 and Florida's Turnpike Enterprise.

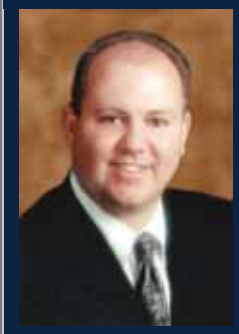
City of Coconut Creek Copans Road from Hammock Blvd. to Florida's Turnpike - Miller Legg was a prime consultant for design development of the medians within this 1.6-mile roadway corridor in conjunction with a City beautification enhancement project and provided sustainable landscape architecture, hardscape, irrigation, traffic control and surveying services.

City of Coral Springs Sawgrass Expressway Gateway Improvements - This project involved gateway landscape enhancements at the following interchanges to SR 869/Sawgrass Expressway at Atlantic Blvd., Sample Road, Coral Ridge Drive and University Drive in the City of Coral Springs. Services included: Florida Friendly landscape architecture design, irrigation design and construction observation. This project was partially funded through Florida's Turnpike Enterprise as a follow-up completion of the Sawgrass Expressway.

City of Homestead Campbell Drive/SW 312th Street & SW 144 Avenue Crossing C-103-N Canal End - Miller Legg is providing a specific purpose topographic survey and civil engineering design services to the City for emergency repairs of a guardrail located on the east side of the north parapet of FDOT Bridge No. 874353. The bridge is located on Campbell Drive/SW 312th Street and crosses the C-103-N Canal. This project is through the City's Library of Consultants for Architectural and Engineering services.

City of Pembroke Pines Streetscape Design Guidelines - Miller Legg worked on the City of Pembroke Pines City Wide Streetscape Master Plan which included the creation of context sensitive design guidelines for the roadway corridors throughout the City including accommodations for mobility. This Master Plan looked at both the corridor segment and intersection component. Corridor segment components included: median plantings, 'Side of Road' (along the right-of-way or street edge) plantings, street trees and specialty plantings. Intersection segment components included: Median nose treatments, crosswalks, expanded pedestrian plazas at the corners, specialty items and icons. Components also included some specialty 'Threshold' Plantings, if there was adequate space. Residential streets included 'Family Ways'. These streets are intra-neighborhood linkages with improvements designed to enhance alternative modes of transportation – such as walking and biking. The Family Ways more effectively links residential communities with schools and parks and with commercial nodes, too, for shopping and to promote commerce at a local level.

City of Miami River Greenways - Segment D - Miller Legg was contracted to prepare landscape architecture design plans for Segment D of the City of Miami Riverwalk/ Greenway Program along the Miami River. The project area includes a four-block (3/10 of a mile) area in conjunction with roadway improvements to include an eight foot multi-use pathway, landscape, hardscape and site furnishings. The project was partially funded by the Local Agency Program (LAP). Miller Legg was a subconsultant to RJ Behar and Company.



Years of Experience: 17

Years With the Firm: 16

Registrations & Certifications:

Registered Landscape Architect, FL, #6666770, 2005

FDOT Intermediate Maintenance of Traffic, FL, 2013

Education:

Bachelor of Science, Landscape Architecture North Carolina A&T State University, 2000

Continuing Education:

Eminent Domain for Landscape Architects, 2013

FDOT Landscape Highway Seminar, 2005, 2006, 2008 and 2013

FDOT Outdoor Advertising Workshop, November 2008 and February 2010

FDOT Plan Reviewer's Workshop, November 2006 and November 2007

Irrigation: The End to Water Waste in Landscapes 2013

Landscape Palm Diseases, 2013

LAP Project Inception to Notice to Proceed, October 2007

LAP Training for Right-of-Way and Real Estate Acquisition, May 2008

Professional & Civic Activities:

Member, American Society of Landscape Architects

Brian Shore, RLA

Senior Landscape Architect

Professional Experience:

As a Senior Landscape Architect, Mr. Shore has significant experience in landscape architectural design and construction services for a variety of public and private projects. Specialties include landscape, hardscape, and irrigation design services for streetscape and roadway projects including FDOT, all aspects of active and passive park design, health-care campuses, and environmental wetland habitat creation. Other experience includes various residential and commercial projects. Also, Mr. Shore is an Associate of the firm.

Relevant Project Experience:

Florida Department of Transportation (FDOT) District 6 Districtwide Landscape Architectural Services - Miller Legg currently has a multi-year districtwide landscape architecture contract providing design services for stand-alone landscape projects and support for in-house projects. Under this contract, we are providing miscellaneous design support services including planting design, irrigation design, hardscape design and arborist services as well as minor engineering design and surveying/SUE services to support in-house landscape projects.

Florida Department of Transportation (FDOT) District 6 SR 5/Santona Street to E of Granada - For this 1-mile segment of SR 5/Santona Street in Coral Gables, the project improvements required inventory and analysis of the existing plant material within the medians along the 6-lane divided roadway corridor. Landscape architecture design services included: inventory and analysis, tree and/or palm relocation design, irrigation impact analysis and irrigation design. This project was completed as a subconsultant to A&P Transportation Engineers.

Florida Department of Transportation (FDOT) District 6 SR A1A/Collins Avenue from 4700 to 5800 Block Safety Project - This FDOT Safety Project had the objective of increasing safety along this City of Miami Beach municipal corridor. Miller Legg provided Certified Arborist and landscape architecture analysis and design, as well as lighting analysis and design as a subconsultant to CH Perez & Associates, Inc.

Miami-Dade Expressway Authority (MDX) Reconstruction of NW 87th Avenue @ SR 836 Interchange - Miller Legg provided landscape architecture support for the reconstruction of this major roadway interchange including a landscape architecture conceptual report, conceptual and final design, tree inventory and public involvement services. The firm was a subconsultant to A & P Consulting Transportation Engineers.

Florida Department of Transportation (FDOT) District 6 Design/Build Section 5 SR 826/ Palmetto Expressway at the SR 836/Dolphin Expressway Interchange Restoration - Miller Legg is providing landscape architecture design services including:

tree inventory, tree relocation, master plan, construction documents and construction observation for this multi-year major design/build transportation project in Miami-Dade County. We are working as a subconsultant to BCC Engineering.

Florida Department of Transportation (FDOT) District 6 US 1/Biscayne Blvd. 199th Avenue Intersection Improvements - Miller Legg is providing landscape architecture design services for this project in Miami-Dade County as a subconsultant to RJ Behar. Services included data collection, site inventory and analysis, planting and irrigation design, tree inventory, cost estimating, technical specifications, quality assurance/quality control and other support and coordination activities.

Florida Department of Transportation (FDOT) District 6 SR 907 Alton Road from 43rd Street to Allison Road - As part of an FDOT District 6 roadway reconstruction project along this segment of Alton Road in Miami-Dade County, Miller Legg is serving as landscape architecture subconsultant to HW Lochner, with responsibility for planting, irrigation and hardscape plans and outdoor advertising (ODA). Due to the water table level and need for drainage adjustments along this stretch, the reconstructed road must be elevated, causing several changes to the plans which in turn impact the landscape architecture considerations for this project. Public outreach to the local businesses and residents was instrumental in the development of the project's design solutions.

Florida Department of Transportation (FDOT) District 6 SR 953/LeJeune Road from SW 2nd St to SR 836 - For this roadway improvement project segment along LeJeune Road from SW 2nd Street to SR 836, Miller Legg is providing landscape architecture design, including tree inventory, tree relocation and removal services as a subconsultant to Bolton Perez & Associates.

Florida Department of Transportation (FDOT) District 6 SR 826 @ SW 8th Street Landscape Architecture Inspections - Miller Legg provided landscape inspections including post design services at this urban arterial at the Palmetto Expressway and 8th Street, Miami-Dade County. The firm was a subconsultant to Manual Diaz Farms.

Florida Department of Transportation (FDOT) District 6 SR 968/Flagler Street from W. 14 Avenue to W. 2nd Avenue - Miller Legg provided landscape architecture and surveying services for this reconstruction project segment in Miami. Specific landscape architecture services provided included landscape architecture design, site investigation and analysis, planting design and plans. Miller Legg was a subconsultant to Gannett Fleming, Inc.

Florida Department of Transportation (FDOT) District 6 SR 5/US 1 from SW 112 Avenue to Eureka Drive Landscape Architecture - For this roadway corridor in the Town of Cutler Bay, Miami-Dade County, Miller Legg is preparing landscape architecture design and construction documents for installation of Live Oaks in the medians including a planting design and coordination of an Outdoor Advertising Agreement (ODA).

Florida Department of Transportation (FDOT) District 6 Biscayne Way Drainage and Roadway Improvements - In conjunction with extensive drainage and roadway improvements, Miller Legg is assisting A&P Transportation Engineering to create landscape and hardscape harmonization and improvement plans for a network of three urban roadways within Downtown Miami. This project was completed under a multi-year Districtwide Misc. PE Design contract.

Florida Department of Transportation (FDOT) District 6 Brickell Avenue Roadway and Pedestrian Enhancements - As part of a safety improvement project, Miller Legg assisted A&P Transportation Engineering to produce landscape and hardscape improvement plans for a 3-block area within the urban roadways of Downtown Miami including pedestrian enhancements such as wider sidewalks and crosswalk improvements. This project was completed under a multi-year Districtwide Misc. PE Design contract.

Florida Department of Transportation (FDOT) District 6 79th Street Landscape - The landscape design for this 3-mile section of NW 79th Street (NW 14th Avenue - Bayshore Drive) is a stand-alone project in Miami for FDOT District 6. The project will enhance the community through the introduction of plantings for aesthetic enhancement and improvement of the overall streetscape. Community involvement and Outdoor Advertisement (ODA) coordination are key factors for the success of the project.

Years of Experience: 11

Years With the Firm: 11

Registrations & Certifications:

FDOT Intermediate Maintenance of Traffic, FL, 2013

Education:

Bachelor of Landscape Architecture, University of Florida, 2006

Publications & Presentations:

Florida Landscapes e-Brief Newsletter - May 2014

Professional & Civic Activities:

Associate Member, American Society of Landscape Architecture

Nelson Perez

Landscape Designer

Professional Experience:

Mr. Perez is a Landscape Designer responsible for landscape architectural design for a variety of public and private projects including roadway landscaping and irrigation, active and passive park landscape design, as well as residential and commercial projects.

Relevant Project Experience:

Florida Department of Transportation (FDOT) District 6 Districtwide Landscape Architectural Services - Miller Legg currently has a multi-year districtwide landscape architecture contract providing design services for stand-alone landscape projects and support for in-house projects. Under this contract, we are providing miscellaneous design support services including planting design, irrigation design, hardscape design and arborist services as well as minor engineering design and surveying/SUE services to support in-house landscape projects.

Florida Department of Transportation (FDOT) District 6 SR A1A/Collins Avenue from 4700 to 5800 Block Safety Project - For this Safety project in the City of Miami Beach, Miller Legg is providing landscape architecture analysis and design as well as lighting analysis and design as a subconsultant to CH Perez & Associates, Inc.

Florida Department of Transportation (FDOT) District 6 SR 968/Flagler Street from W. 14 Avenue to W. 2nd Avenue - Miller Legg provided landscape architecture and surveying services for this reconstruction project segment in Miami. Specific landscape architecture services provided included landscape architecture design, site investigation and analysis, planting design and plans. Miller Legg was a subconsultant to Gannett Fleming, Inc.

Florida Department of Transportation (FDOT) District 6 SR 997/Krome Avenue from 232 Street to 184 Street/Eureka Drive (#C9H70) - This 3-mile segment of SR 997/Krome Avenue from SW 232 Street to SW 184 Street is part of a larger 10-mile improvement project from SW 296 Street to SW 136 Street. The corridor is a major north-south rural/suburban principal arterial, with various land uses including agricultural, commercial, residential, and protected lands. The project will address roadway safety, corridor capacity, and a variety of design deficiencies. Improvements will include reconstruction and widening from 2 to 4 lanes of divided roadway, drainage, guardrail installation, lighting, upgraded traffic signals, and a shared use path for pedestrians and bicyclists. Miller Legg is providing landscape architecture analysis and design as a subconsultant to A&P Transportation Consultants.

Florida Department of Transportation (FDOT) District 6 SR 953/LeJeune Road from SW 2nd St to SR 836 - For this roadway improvement project segment along LeJeune Road from SW 2nd Street to SR 836, Miller Legg is providing landscape architecture design, including tree inventory, tree

relocation and removal services as a subconsultant to Bolton Perez & Associates.

Florida Department of Transportation (FDOT) District 6 SR 907 Alton Road from 43rd Street to Allison Road - As part of an FDOT District 6 roadway reconstruction project along this segment of Alton Road, Miller Legg is serving as landscape architecture subconsultant to HW Lochner, with responsibility for planting, irrigation and hardscape plans, as well as a GPS tree inventory performed by a Certified Arborist, and outdoor advertising (ODA). Due to the water table level and need for drainage adjustments along this stretch, the reconstructed road must be elevated, causing several changes to the plans which in turn impact the landscape architecture considerations for this project. Public outreach to the local businesses and residents was instrumental in the development of the project's design solutions.

Florida Department of Transportation (FDOT) District 6 US 1/Biscayne Blvd. 199th Avenue Intersection Improvements - Miller Legg is providing landscape architecture design services as a subconsultant to RJ Behar. Services included data collection, site inventory and analysis, planting and irrigation design, tree inventory, cost estimating, technical specifications, quality assurance/ quality control and other support and coordination activities.

Florida Department of Transportation (FDOT) District 6 SR 826 @ SW 8th Street Landscape Architecture Inspections - Miller Legg provided landscape inspections including post design services at this urban arterial at the Palmetto Expressway and 8th Street, Miami-Dade County. The firm was a subconsultant to Manual Diaz Farms.

Florida Department of Transportation District 6 TWO 12 Summerland Key - This task order was provided by Miller Legg under our FDOT District 6 Districtwide landscape architecture contract. Services include landscape design for a 2.5 mile segment of the Florida Keys Overseas Highway (US 1) in Monroe County. These improvements will enhance the landscape of this corridor and respond to the multi-purpose trail that is adjacent to the US 1 corridor. The enhancements include landscaping of tree, palm and understory species as well as design survey services.

Florida Department of Transportation (FDOT) District 6 SR 823/SW 57th Avenue Post Design Services - Miller Legg is providing landscape architecture post design services in conjunction with three segments of 57 Avenue, 46th to 56th St., 53rd to 65th St., and 65th to 84th Street. Services include: project design hand-off meeting, PM field reviews, plan revisions, shop drawing reviews, request for information resolution, field reviews, and coordination. This work is being completed under the firm's Districtwide Landscape Design Contract #C9930.

Florida Department of Transportation (FDOT) District 6 SR 7/NW 5th Street Bridge in Miami Post Design - This new four-lane double-leaf bascule bridge, from South River Drive to North River Drive, was built to replace the previous five-lane structure, including realignment of travel lanes and sidewalks. The project included implementation of a portion of the Miami River's Riverwalk/greenway corridor. Miller Legg provided landscape architecture services for the project as a subconsultant to Hardesty & Hanover, LLP, and we also provided post design.

Florida Department of Transportation (FDOT) District 6 PD&E Study for SR 847/NW 47th Avenue from SR 860/NW 183rd Street to Premiere Parkway - Miller Legg provided aesthetics analysis and conceptual design exploring landscape, hardscape and irrigation for this PD&E Study. Three alternative alignments were explored and conceptual design and budgets developed. Public involvement exhibits and coordination at public hearing and Miami-Dade's Technical Architectural Review Committee meetings were provided. Our team of landscape architects, along with the District Landscape Architect developed a standalone program including long-range estimates and initial scope history to follow the completion of roadway construction. Additionally, Miller Legg will continue design efforts with the District in-house design group to design the standalone concurrently with the final roadway production plans.

Florida Department of Transportation (FDOT) District 6 Design/Build Section 5 SR 826/ Palmetto Expressway at the SR 836/Dolphin Expressway Interchange Restoration - Miller Legg is providing landscape architecture design services including: tree inventory, tree relocation, master plan, construction documents and construction observation for this multi-year major design/build transportation project in Miami-Dade County. We are working as a subconsultant to BCC Engineering.

Years of Experience: 9

Years With the Firm: 4

Registrations & Certifications:

Certified Arborist, 2014
Certified Landscape Inspector, FL, 2014
Advanced Airport Wildlife Hazard Management, 2014
Broward County Basic Tree Pruning, FL, 2012
FDEP Qualified Stormwater Management Inspector, FL, 2011
SFWMD Certified Airboat Pilot

Education:

Bachelor of Science, Ecology & Biology
Florida Atlantic University, 2008

Continuing Education:

FDOT LAP Certification Webinar, 2015
NRA First Steps Shotgun Orientation

Publications & Presentations:

FAU, *Carnivorous Plants*, 2010, Co-Presenter
FAU, *Suwannee River Basin*, 2007
SFWMD, *Everglades Tree Island Health*, 2011, Co-Presenter

Professional & Civic Activities:

Member, Florida Association of Environmental Professionals (FAEP)
Member, Native Plant Society, Broward County Chapter

William Mohler, III, CA, CLI

Certified Arborist

Professional Experience:

Mr. Mohler is a Certified Arborist and Certified Landscape Inspector. He provides the following consulting services to both public and private sector clients: tree species identification and inventories, tree surveys and canopy mapping, destroyed/damaged tree assessments, tree value estimates, tree grading, tree species selection for planting, mangrove trimming oversight and tree permitting.

He also is skilled in using various types of equipment and software including ESRI Arc GIS Trimble Arc pad, Li-Cor, TREC, SPOT, GPS, LIDAR, Dynamax TDP Sap Flow systems, Decagon ProCheck soil moisture probes, HOBO and CR1000 environmental loggers, Photovoltaic cells, and Morningstar Solar power equipment, along with all associated off-loading programs.

Relevant Project Experience:

Florida Department of Transportation (FDOT) District 6 Districtwide Landscape Architectural Services - Miller Legg currently has a multi-year districtwide landscape architecture contract providing design services for stand-alone landscape projects and support for in-house projects. Under this contract, we are providing miscellaneous design support services including planting design, irrigation design, hardscape design and certified arborist services as well as minor engineering design and surveying/SUE services to support in-house landscape projects.

Florida Department of Transportation (FDOT) District 6 79th Street Landscape - The landscape design for this 3-mile section of NW 79th Street (NW 14th Avenue - Bayshore Drive) is a stand-alone project in Miami for FDOT District 6. The project enhanced the community through the introduction of plantings for aesthetic enhancement and improvement of the overall streetscape. Community involvement and Outdoor Advertisement (ODA) coordination are key factors for the success of the project. We also provided certified arborist services.

Florida Department of Transportation (FDOT) District 6 SR 25/Okeechobee Road and HEFT - This landscape improvement project included collaboration between FDOT District 6 and Florida Turnpike Enterprise (FTE) to install a BOLD landscape project including Royal Palms, Bismarck Palms and Coconut Palms, to enhance entry points to the Homestead Extension of the Florida Turnpike and along Okeechobee Road, an SIS transportation corridor, in Hialeah. Miller Legg provided design, GPS tree inventory performed by a certified arborist, landscape inspections, construction oversight, as-built record drawings and warranty services. The client was Manuel Diaz Farms under their Florida's Turnpike Enterprise Landscape Push Button Contract.

Florida Department of Transportation (FDOT) District 6 SR 907 Alton Road from 43rd Street to Allison Road - As part of an FDOT District 6 roadway reconstruction project along this

segment of Alton Road, Miller Legg is serving as landscape architecture subconsultant to HW Lochner, with responsibility for planting, irrigation and hardscape plans, as well as a GPS tree inventory performed by a Certified Arborist, and outdoor advertising (ODA). Due to the water table level and need for drainage adjustments along this stretch, the reconstructed road must be elevated, causing several changes to the plans which in turn impact the landscape architecture considerations for this project. Public outreach to the local businesses and residents was instrumental in the development of the project's design solutions.

Florida Department of Transportation (FDOT) District 6 SR A1A/Collins Avenue from 4700 to 5800 Block Safety Project - This FDOT Safety Project had the objective of increasing safety along this City of Miami Beach municipal corridor. Miller Legg provided Certified Arborist and landscape architecture analysis and design, as well as lighting analysis and design as a subconsultant to CH Perez & Associates, Inc.

Florida Department of Transportation (FDOT) District 4 SR 820/Pines Blvd. from 196 Ave. to 150 Ave. LA Design and Tree Inventories - For this three-mile 3R project located in western Pembroke Pines from west of I-75, Miller Legg provided design services to enhance the existing corridor. Due to numerous storms/hurricanes and modifications to the corridor, an existing health and criteria review was performed. An inventory and evaluation of over 1,400 trees and palms was conducted to review health and safety criteria. Variance consideration and coordination with the Engineer of Record allowed for a comprehensive design theme to be re-established throughout the corridor. This project was part of a multi-year in-house continuing service contract for FDOT District 4.

Florida Department of Transportation (FDOT) District 4 Districtwide Drainage and Environmental Permitting Contract - Miller Legg is responsible for environmental permitting, regulatory agency coordination, protected species review and coordination, National Environmental Policy Act (NEPA) documentation, maintenance of FDOT's permitting database, wetlands delineation and functional assessment, and mitigation development. Key projects include historical permit file maintenance: This work involves retrieving FDOT District 4 Drainage Department historical hard copy files as relevant paperwork for the drainage department. The hard copy data is scanned and entered into an electronic database for access across FDOT. Permit tracking involves maintaining a permit tracking database for current FDOT projects. Any incoming permit information relative to current FDOT projects are scanned and linked to an electronic database to track the status of all active permits. The database is queried monthly to determine what permits are to expire for projects not yet completed. Miller Legg is responsible for managing and obtaining active permits for FDOT District 4 construction projects. Miller Legg also obtained a master dewatering permit from SFWMD to expedite permit review and issuance of projects.

SR 817/University Drive @ Monterra Boulevard Roadway Improvements - For this major roadway improvement project in Cooper City, Miller Legg was involved in the roadway design, MOT, drainage design, street lighting, signing, pavement parking, arborist services and permitting with local agencies including FDOT and Broward County, to design this major gateway entrance into Monterra.

City of Miami Beach South Beach Tree and Dune Inventory - Miller Legg and its Certified Arborists conducted a comprehensive tree and dune vegetation inventory on a section of South Beach east of the pedestrian walk from 3rd to 5th Streets. All 300 tree species found within the area were inventoried as point locations with associated attributes and all dominant shrub and ground cover species were collected as polygon data with associated percent coverage and species data. The information was then displayed on a digital map and the data was provided to the client in .shp file format. Miller Legg was a subconsultant to Coastal Systems International.

St Lucie County Selvitz Road Bus Facility - Miller Legg was retained by St. Lucie County to perform a Categorical Exclusion/ National Environmental Policy Agreement (NEPA) evaluation of a site between Prosperity Drive and Divine Road on the west side of Selvitz Road in Fort Pierce. The evaluation includes natural resource evaluations, protected species review, wetland assessment, Uniform Mitigation Assessment Method (UMAM) review, upland habitat assessment, Phase I environmental site assessment, review of land use, environmental justice, noise and vibration, air security and other services. Miller Legg will also prepare a report for federal funding of a bus facility on this property.

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THUHA NGUYEN LYEW, PE, PTOE

BIOGRAPHY

Ms. Thuha Nguyen Lyew has participated in a variety of transportation engineering and planning projects that span transportation planning, traffic operations, safety analysis, travel demand modeling, multi-modal planning, and research. With a strong commitment to quality work, professional development, and client service, Thuha has become one of the young industry leaders in Florida, recognized by Florida's Institute of Transportation Engineers section with the award of "Young Transportation Engineer of the Year" in 2010. With her academic background in traffic operations and many years of practice in transportation planning, Thuha has the ability to focus on the big picture while understanding critical issues in depth and with respect to how they impact solutions to transportation challenges.

OPERATIONAL ANALYSIS AND SAFETY ANALYSIS

Thuha has participated in many traffic operations projects, including the completion of several safety studies, PD&E studies, and DTTMs. She has completed crash-related statistical analyses, performed field visits, prepared collision diagrams, proposed countermeasures, and completed safety reports. Many of the traffic operations and safety studies that Thuha has participated in are for interchanges in southeast Florida. She has taken part in a number of micro-simulation projects all over Florida and has performed reviews of micro-simulation projects along I-75, I-595, and I-95.

COMPLETE STREETS

Serving as an extension of Planning & Environmental Management (PLEM) staff, Thuha has been an active member of the Lane Elimination review team. She participated in the revision of FDOT D4 Lane Elimination process improvement, has been reviewing each and every one of the applications and supported documents. She's also working on the primavera lane elimination review schedule and assisting with the candidate identification task.

FEASIBILITY AND SPECIAL STUDIES

Under the Systems Planning contract, Thuha has been leading the Lane Elimination procedure refinement on behalf of District Four's Planning Office. Under FDOT D4 OMD contract, Thuha participated on a number of multi-modal planning activities, including: the bi-annual HOV Monitoring Project along I-95, Broward County Downtown Terminal passenger survey, Bus Signal Priority evaluation for the Broward County Transit Agency, the Downtown Fort Lauderdale parking study and Wayfinding, and the Lauderhill Terminal Site Plan and Conceptual Design.

TRAVEL DEMAND MODELING

Thuha is an active member of the FDOT District 4 Travel Demand Modeling task force, and she has conducted multiple travel demand modeling projects in South Florida. For example, she assisted the FDOT District 4 Planning Office and the RPC with the recent South Florida hurricane evacuation modeling project. She also prepared the 2030 Broward County model update for distribution. Her responsibilities related to the Broward County model update included examining the process for calculating free-flow speed from posted speed, verifying network coding, and investigating the transition from TransCAD to the Cube Voyager environment.

INTERAGENCY COORDINATION AND PUBLIC ENGAGEMENT

Thuha has participated in numerous public engagement activities (including neighborhood outreach efforts, community engagement workshops, town hall meetings, and public hearings) as a part of the development of Transit Development Plans, Long Range Transportation Plans, and PD&E studies. She has served as a meeting organizer, a technical presenter, a newsletter reviewer, a team leader, and a workshop facilitator. Thuha's ability to solicit and interpret input, propose feasible solutions, and ultimately build consensus has been a key element of many projects' success. Thuha is particularly adept in facilitating interagency coordination and public engagement activities related to system interchange analysis and review, as she has successfully coordinated and engaged with major stakeholders (including City, RPC, FHWA, MPO, and Florida Department of Transportation (FDOT) staff and residents) on numerous projects.

PROJECT MANAGEMENT

Thuha served as the Project Manager for the FDOT District 4 Districtwide General Planning Contract. This contract includes a team of a dozen sub consultants, and Thuha oversee projects relating to model application support, Development of Regional Impact (DRI) review, Geographic Information System (GIS) support, project traffic development, interchange report preparation and review, and quality/level of service (Q/LOS) assessment support. Thuha has reviewed numerous interchange proposals throughout the District. They include the I-95/Yamato-Glades-Spanish River SIJR, the I-95/Griffin IOAR, the I-95/SR 76 IMR, the Turnpike/Palmetto IJR, and the I-75/Miramar IOAR.

EXPERIENCE

PRINCIPAL ENGINEER, VIA PLANNING, INC.

July 2014 - present

ASSOCIATE ENGINEER, KITTELSON & ASSOCIATES, INC.

May 2001 to June 2014

EDUCATION/ LICENSE

ME in Transportation Engineering, University of Florida

BS in Mechanical Engineering, University of Florida

Professional Engineer (Florida)

Professional Traffic Operations Engineer

AWARDS/ LEADERSHIP

Florida Section ITE, Treasurer and Membership Chair, 2015

South Florida Chapter, WTS, 2014-2015 Mentorship Program Chair

American Council of Consultant Engineers (ACEC) Emerging Leaders Forum, Founding Member

Florida Section, ITE 2010 "Young Transportation Engineer of the Year"

Leadership Broward, Class XXXIV

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SHING TSOI, PE, PTOE, IMSA II

BIOGRAPHY

Shing is a well-rounded engineer experienced in various aspects of traffic engineering and transportation planning. He has participated in projects covering areas such as transportation modeling, design traffic, corridor planning studies, general planning activities, traffic engineering studies, traffic operations analyses, signal systems, signal timing, intelligent transportation systems, and geometric designs, etc. Shing's mixed experience has provided him with the knowledge to create designs and make recommendations that consider all aspects of transportation. He has practical knowledge in multiple transportation-related software packages and documents including Synchro, SimTraffic, Highway Capacity Software, the Highway Capacity Manual, the Manual of Uniform Traffic Control Devices (MUTCD), and AASHTO's Green Book.

CITY OF HALLANDALE BEACH TRAFFIC STUDY REVIEW

Shing has been the project manager and worked side-by-side with City of Hallandale Beach staff to provide traffic study review support on multiple development projects. Shing provided support in traffic methodology development, site plan review, traffic circulation review, parking supply review, and consideration of multi-modal facilities near the development. One of City of Hallandale Beach's transportation goals is to maintain a safe, convenient and efficient multi-modal transportation system which will meet the needs of residents and businesses. His professional engineering opinions have directed the developers to prepare traffic studies with mitigation measures which are consistent with City's goals. These included the use of alternative transportation mitigation strategies such as transportation system and demand management strategies, and improvements on multi-modal facilities, etc.

CITY OF FORT LAUDERDALE TRAFFIC ENGINEERING SERVICES

Shing has provided support for City of Fort Lauderdale Transportation and Mobility Department on various traffic engineering analyses and review services. Shing conducted a traffic operation analysis to evaluate the operations under various scenarios including a road diet on NE 13th Street in Fort Lauderdale. Shing also provided recommendations on signal operations improvements on adjacent roadways for the Palm Aire Mobility MasterPlan for a residential community. In addition, Shing provided traffic review services for developments in Fort Lauderdale including residential development Morgan on 3rd Avenue, hotel development 299 N Federal, and mixed-use development 100 East Las Olas.

FDOT DISTRICT 4 GENERAL PLANNING CONTRACT AND ON-SITE SUPPORT

Shing has reviewed a number of interchange proposals under the FDOT District 4 General Planning Contract (GPC), including the I-95 Areawide Mobility Study, I-95 at Orange Avenue Interchange Operation Analysis Report (IOAR), and Oslo Road Interchange Justification Report (IJR) Methodology Letter of Understanding (MLOU), etc. Under the District 4 GPC contract, Shing also provided on-site support to directly work with District 4 PLE&M staff on other tasks such as model support, design traffic preparation, lane elimination support and reviews, and DRI reviews, etc.

UNIVERSITY DRIVE MOBILITY IMPROVEMENTS CORRIDOR PLANNING STUDY

Shing participated in the University Drive Mobility Improvements Corridor Planning Study to develop congestion management strategies and explore transit alternatives on the 23-mile stretch of University Drive in Broward County. Shing led the traffic analysis portion of the project, developed future traffic volumes, and identified near-term and long-term improvements such as signal retiming, phasing changes, turn lane elimination, etc. in support of the pedestrian, bicycle and transit focus of the corridor. With Shing's technical experience in transit signal priority, Shing also provided inputs to the project team regarding the corridor's readiness to implement transit signal priority. This project was completed successfully and approved by Broward MPO in March 2015.

OPERATIONAL ANALYSIS AND OPERATIONS MODEL DEVELOPMENT

Shing has extensive experience in conducting operations analyses in wide varieties of design projects and traffic studies at both intersection and corridor levels. Shing completed a traffic analysis for FDOT District 4 at four interchanges along I-95 in Palm Beach County using Synchro to assist with the concept development. Shing also conducted numerous reviews for FDOT on interchange reports focusing on the geometric and operations components. Shing has prepared transportation impact analyses for developments in both Broward County and Palm Beach County. He is knowledgeable in various operations analysis software used for intersection and arterial analyses such as Highway Capacity Software (HCS) and Synchro/SimTraffic, and has been involved in all aspects of traffic operations analyses.

SIGNAL TIMING STUDIES

Shing has been the project manager and lead analyst of multiple signal timing studies including Jacksonville Lem Turner Road Signal Retiming, Longview Signal Timing Studies, and Portland Metro Signal Retiming. Shing led the signal retiming project on Lem Turner Road in Jacksonville as part of Jacksonville Transportation Authority (JTA)'s Bus Rapid Transit (BRT) project, and achieved 5%-10% travel time reduction and improved reliability consistently across all time periods. In the regional-wide Portland signal retiming project, Shing has retimed six major corridors in the Portland Metro area, with each corridor having vastly different characteristics, ranging from busy retail land uses to suburban corridors with residential houses, and corridors with at-grade railroad crossings. Shing analyzed field conditions, developed timings using Synchro, and implemented new timings for various agencies with different signal systems.

EXPERIENCE

SENIOR PROJECT ENGINEER, VIA PLANNING, INC.

May 2016 - present

ENGINEER, KITTELSON & ASSOCIATES, INC.

September 2008 to May 2016

EDUCATION/ LICENSE

MS Transportation Engineering, University of California Berkeley

BEng Civil Engineering, Hong Kong University of Science and Technology

Professional Engineer (Florida)

Professional Traffic Operations Engineer

International Municipal Signal Association Traffic Signal Field & Bench Technicians Level II

AFFILIATIONS

Institute of Transportation Engineers, Member

Gold Coast Chapter Institute of Transportation Engineers, 2016, Secretary

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

PROFESSIONAL REGISTRATION:

Florida P.E. # 49324

EDUCATION:

1999 to 2000: Master in Business Administration, Florida International University
1985 to 1987: Master of Science in Civil Engineering, Geotechnical Specialization, Louisiana State University
1982 to 1985: Bachelor of Science in Civil Engineering, Louisiana State University

RECENT EXPERIENCE:

Mr. Riccobono has over **31 years of experience** in geotechnical engineering for numerous transportation projects including roadways, highways, railroads, marine, underground, and airport facilities. 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 numerous FDOT projects for Districts 1, 4, 5, 6, 7 and Turnpike as well as MDX as listed below.

EMPLOYMENT HISTORY

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

SUMMARY OF CAPABILITIES

Soils Survey	Geotechnical Studies	Laboratory Testing	Structures 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. 230029-4-32-01, Districtwide Geotechnical & Materials Testing Contract, From Broward to Indian River Counties, FDOT D4. Senior Geotechnical Engineer responsible for executing 59 work orders for projects during PD&E, final design and construction phases. **Performance grade was 4.6.** Client: FDOT, PM: Michael Kim, PE; Phone #: 954.677.7011. Year: 2006-2011.

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 over 120 work orders for projects during PD&E, final design and construction phases. **Recent performance grade was 4.8.** Client: FDOT, PM: Michael Kim, PE; Phone #: 954.677.7011. Year: 2012-2016.

FM No.: 250730-1-32-01, Districtwide Geotechnical & Materials Testing Contracts, From Monroe to Miami-Dade Counties, FDOT D6. Senior Geotechnical Engineer responsible for executing over 70 work orders for projects during PD&E, final design and construction phases. **Recent performance grade was 4.5.** Client: FDOT, PM: Michael Kim, PE; Phone #: 954.677.7011. Year: 2007-2012.

FM Nos.: 230061-1-62-12, Areawide Geotechnical & Materials Testing Contracts, From Monroe to Miami-Dade Counties, FDOT D4/D6. Senior Geotechnical Engineer responsible for executing 107 work orders for projects during PD&E, final design and construction phases. **Performance grade was 4.7.** Client: FDOT, PM: Michael Kim, PE; Phone #: 954.677.7011. Year: 2003-2008.

FM No. 230368-1-52-01: SR 5 Reconstruction Design-Build, from N. of SR 713 to S. of Oslo Road, St. Lucie/Indian River Counties, FDOT D4, Length = 2 miles. Geotechnical Engineer responsible for field &

laboratory testing programs, performing foundation analyses & design for roadways & bridges, geotechnical reports, pile installation inspections, **PDA testing, driving criteria, foundation certification packages** & **vibration monitoring**. Client: BCC; Mr. Ariel Millan, PE; Phone: 305.670.2350. Year: 2012–2015.

FM No.: 430192-1-32-01, Ravenswood Bridge Replacement over Dania Cut-off Canal, Broward County, FDOT D4, Length = 1 mile – Senior Geotechnical Engineer responsible for planning and executing the field exploration and laboratory testing interpreting test results, performing foundation analyses and design bridge replacement, including approach embankments, MSE walls and roadways. Prepared the geotechnical reports. Client: FDOT (c/o Jake Perez, PE; Bolton Perez & Associates, Phone: 305.392.3190.) Year: 2012 – 2014.

FM No.: 432705-1-32-01, Design Services for SR 710/Warfield Blvd. From E. of SR 76 to Martin/Palm Beach Co. Line, FDOT D4, Length = 6 miles - Senior Geotechnical Engineer responsible for design and implementation of field exploration and laboratory testing, geotechnical analyses, design and report for roadway widening & reconstruction with rigid pavement, drainage improvements and culvert for animal crossing. Client: FDOT (c/o Mr. Alex G Meitin, P.E.; C.H. Perez, & Associates, Inc. Phone: 305.592.1070.) Year: 2014-2016.

FM No.: 428733-1-32-01, SR 858/Hallandale Beach Blvd., From E. of SR-7 (MP 0.23) to W. of Lakeshore Dr. (MP 2.176), FDOT D4, Senior Geotechnical Engineer responsible for planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses for design of signalized intersections and drainage improvements. Prepared the geotechnical reports. Client: FDOT (c/o Mr. Adebayo Coker, PE; HBC Engineering Company, Inc.; Phone 305.232.7932.) Year: 2012 – 2014.

FM No.: 249035-1-52-01, SR 826 Section 2 Design-Build, from Sunset Drive to Bird Road, Miami, FL FDOT District 6, Length = 2.5 miles - Senior Geotechnical Engineer of Record responsible for planning and executing field exploration and laboratory testing programs, performing foundation analyses & design of roadways, including 8 bridges, MSE walls, and noise walls. Provided **PDA testing and foundation certification packages**. Client: FDOT, PM: Mr. Jason Chang, P.E.; Phone # (305) 470-5331; Year: 2008-2012.

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. Senior Geotechnical Engineer of Record for foundation re-design & construction phases, responsible for foundation analyses, design and geotechnical reports, planning and executing the test pile program of driven concrete piles with **100% PDA testing**, providing **foundation certification packages** and **sinkhole study during drilled shaft installation ground subsidence**. Client: FDOT, PM: Mr. Jason Chang, P.E. PE; Phone # (305) 470-5331; Year: 2013-2015.

FM No.: 422713-2-22-01, Venetian Causeway from N. Bayshore Drive to Purdy Avenue, Miami Beach PD & E, Miami, FL, Length = 2.5 miles. 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.: 251688-1-32-01, I-395/SR-836/I-95 Interchange Improvements, Miami, FL, FDOT D6, Length = 2.5 miles. Senior Geotechnical Engineer responsible for 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. PM: Jason Chang, PE, Phone # (305) 470-5331; Phone: 305.567.1888 Year: 2011-2013.

FM No.: 250554-2-52-01: SR 5 V-Pier Bearing Replacement - MM 65, Long Key, Monroe County, FL, FDOT District 6, Length = 1 mile, Senior Geotechnical Engineer responsible for planning and executing the field & laboratory testing programs, foundation analyses & design of temporary platforms during V-Pier bearing replacement. Client: FDOT (c/o AECOM, Mr. Luis Vargas, PE, Phone: 305. 262.7466) Year: 2011-2015.

MDX No.: 83622, Design-Build, SR 836 EB Widening From NW 57th to NW 45th Ave., Miami, FL. Senior Geotechnical Engineer for design & construction responsible for field exploration & laboratory testing programs, foundation analyses & design, geotechnical reports for widening of bridges, MSE walls and roadway construction, test pile program with **100% PDA testing, foundation certification packages** and **vibration monitoring**. Client: MDX (c/o: RS & H; Sam Gonzalez, PE; Phone: 786 388.0244.) Year: 2009-2011.

EDUCATION

- *Masters in Civil Engineering, University of Texas at Arlington, TX, 2004*
- *BS in Civil Engineering, Bangladesh University of Engineering and Technology (BUET), 1998*

PROFESSIONAL CERTIFICATIONS

- *FL PE Lic. No. 67239*
- *TX PE Lic. No. 98510*
- *Qualified Stormwater Management Inspector Inspector No. 29215*

PROFESSIONAL TRAINING

- *FDOT Specification Preparation*
- *Construction of Portland Cement and Pervious Pavement & Concrete Parking Lot*
- *Design of Concrete Pavements*
- *ICPR Software Training*
- *Professional Liability Training*

EMPLOYMENT HISTORY

- *ADA Engineering, Inc.*
- *Kimley-Horn and Associates, Inc.*
- *East Bay Group, LLC*

RESIDENCE

City of Greenacres

SUMMARY OF EXPERIENCE

Mr. Siddique has over fifteen (15) years of increasingly responsible professional experience in civil engineering related to roadway and drainage design, water supply, water distribution, wastewater collection, stormwater management, project management, and Construction Inspection. Experienced in serving a diverse group of clients, including private developers, cities, counties, municipalities, drainage districts, and Florida Department of Transportation.

REHABILITATION OF SEWER PUMP STATION 10, CITY OF OPA-LOCKA, FL: As the Engineer of Record, estimated the current sewer demand based on the current land use. Analyzed the entire sewer system network associated with the pump station no. 10 using the SewerCAD software to identify if the sewer systems downstream the proposed pump station no. 10 have adequate capacity to handle the new demand. Prepared construction plans, obtained construction permits. Based on DERM NAPOT report, Pump Station 10 runtime is more than 12 hours per day, which is more than 10 hours per day and the station is in moratorium. The pumps were selected to meet DERM and EPA criteria to release the station from moratorium. This project also includes a design of 2000 LF of DIP Force Main along Perviz Ave.

BOYNTON TOWN CENTER/BOYNTON VILLAGE, PALM BEACH COUNTY, FL: Estimated Wastewater demand and designed sewer collection system and sanitary sewer lift station for about 106 acres of retail complex that includes Best Buy, Target, and other retail/restaurants. Also designed water distribution system and stormwater collection system. Reviewed and checked plans related to the water supply, water distribution, and wastewater collection structures and facilities for compliance with the City of Boynton Beach Design Guidelines. Analyzed the proposed drainage system by ADICPR and prepared the drainage/modeling reports and computations as required by SFWMD and LWDD.

BURLINGTON STREET IMPROVEMENTS, CITY OF OPA-LOCKA, FL: As the lead Design Engineer and Engineer of Record, prepared the contract documents including roadway plans, typical section, signing and pavement marking plans, construction details, maintenance of traffic plans, permits, drainage design, utility coordination, final quantities and estimates, final plan submission reviews, and supervision of drafting personnel. Projects included shoulder and sidewalk enhancements and proposed/replaced new signs as per the 3R safety report.

MIAMI ART MUSEUM, CITY OF MIAMI, FL: As a lead design engineer of this multi-million dollar project, designed and guided assigned work load to the design team for the construction documents preparation and permitting agencies submittals. Designed Water Distribution System, Wastewater Collection System, and Stormwater Management System as per the local, building and state codes. Performed storm water modeling using ICPR and prepared storm water plans and details.

FLAMINGO PARK IMPROVEMENTS, CITY OF SUNRISE, FL: EOR for the improvement of +/- 22 acres Public Park. The scope includes Water Distribution System Design, Sanitary Sewer Collection System Design, and Stormwater Management System Design. Analyzed the entire 22 acres park with ICPR link-node diagram and produced construction plans and drainage report for permitting.

SUNRISE CIVIC CENTER, CITY OF SUNRISE, FL: Designed and guided assigned work load to the design team for the construction documents preparation and permitting agencies submittals. Designed Water Distribution System, Wastewater Collection System, and Stormwater Management System as per the local, building and state codes. Performed storm water modeling using ICPR and prepared storm water plans and details.

EDUCATION

- *Master of Science in Computer Science, Texas A&M University, TX, 2003*
- *Bachelor of Science in Civil Engineering, Bangladesh University of Engineering and Technology (BUET), Bangladesh 1998*

PROFESSIONAL REGISTRATION

- *California PE License No. C 75093*
- *Florida PE License No. 80669*

SOFTWARE SKILLS

- *CORSIM, VISSIM, TRANSYT 7, TransCAD, Synchro, HCS, CUBE,*
- *AutoCAD, MicroStation*
- *HEC-1, HEC-2, HEC-HMS*
- *HEC-RAS, WATPRO, SWMM*
- *TR-20, TR-55*
- *ArcMAP, ArcInfo*
- *STORMCAD, WaterCAD, EPANet*
- *HYDRAFLOW,*
- *Primavera, MS Project*

EMPLOYMENT HISTORY

- *Marlin Engineering, Inc.*
- *Kimley-Horn and Associates, Inc.*
- *HBC Engineering, Inc.*

RESIDENCE

City of West Palm Beach

SUMMARY OF EXPERIENCE

Mr. Rahman has over fourteen (14) years of Project engineering experience. Effectively able to communicate complicated concepts in an understandable manner, matching the message to the audience. Experienced in supervision, training, motivation and evaluation of personnel. Skilled in finding problems and performing necessary change through project management or other methods. Maximize resources to achieve customer satisfaction and increased productivity, meet deadlines and goals.

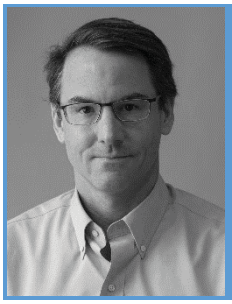
SR 997 – Krome Avenue from SW 8th Street to Kendall Drive | FDOT District 6 | Project Engineer : This project maintains tasks that include final roadway design for the reconstruction project widening of a 5.564 mile corridor from a two to four lane divided roadway. Responsibility includes is the preparation of signing and pavement marking plans, installation of bike lane and, providing pedestrian features at the intersection (including crosswalks, curbed cut ramps, pedestrian signal heads, pedestrian countdown signals), installation of concrete sidewalk. I performed Mast-Arm structural analysis using FDOT MathCAD template V4.3 to consider the current wind load criteria for the entire intersection. I processed all required permits with FDOT D6, Miami Dade County Traffic Operations and Miami Dade County Highway Construction, typical section package, pavement design package, pavement selection report.

SR 710 – Warfield Blvd. | FDOT District 4 | Roadway Design Support & Signals Review: Reconstruction of SR 710 replacing the existing two-lane roadway with a new four-lane divided roadway satisfying traffic demands, reducing congestion, enhancing mobility and safety and improving evacuation capacities. I prepared reconfigured the signal head on the north and south bound directions, installation of bike lane and, providing pedestrian features at the intersection (including crosswalks, curbed cut ramps, pedestrian signal heads, pedestrian countdown signals), installation of concrete sidewalk. I performed Mast-Arm structural analysis using FDOT MathCad template V4.3 to consider the current wind load criteria for the entire intersection.

US-1 FROM SOUTH OF SW 112TH AVENUE TO NORTH OF SW 184TH STREET/ EUREKA DRIVE: The project is along SR 5/US-1,from south of SW 112th Avenue to north of SW 184th Street/ Eureka Drive, in Miami Dade County, Florida for this Resurfacing, Restoration and Rehabilitation (3R) project with no proposed roadway widening. I served as the Project Engineer for this project, which included, the new mast arms, upgrade all curb ramps per ADA standards, signing and pavement markings, performed traffic delay study, prepared signalization plans.

NEW WORLD SYMPHONY, MIAMI-BEACH, FL: Served as project engineer for New World Symphony, an expansion campus expansion of by acclaimed architect Frank Gehry. The project located in Miami Beach. Scope includes cost estimation and task management, alternate drainage system development for roadway drainage system, Water supply line and sewer system design, Downstream analysis for sewer system, Rigid pavement/ Plaza design, Pump station design for storm water and Storm drain, Drainage system design using exfiltration trench and drainage well, Drainage pipe networking design, drainage model and drainage report writing, Specification writing for the project, Shop drawing review, Permit the all civil component through City of Miami Beach and Miami-Dade county.

MIDTWON MIAMI, MIAMI, FLORIDA: Midtown Miami development between North 29th and 36th Street and Miami Avenue and the Florida East Coast Railway (FEC). Scope included water, wastewater, and roadway and drainage improvement.



Keith has 25 years of leadership and program management experience in technology, consulting and transportation industries. Having worked with large companies like Microsoft and Symantec as both employee and consultant provides Keith with a unique outlook on smart cities and ITS solutions. With the goal of always improving BlueMAC Analytics offering and operational excellence Keith leads the charge into the future for both the BlueMAC Analytics team and our clients.

Keith Szot

Chief Executive Officer

- *Program Management*
- *Solutions Consulting*

Education

MBA University of San Diego

BS Electrical Engineering, University of the Pacific

Years of Experience

25

Program Management

Keith has over 20 years of program and product management including roles with Microsoft managing MSDN, Internet Security, Windows CE, and others. He has worked for large and small companies and strives to make a difference wherever he is. Within BlueMAC Analytics Keith managed our product development cycles and is actively working towards a strong cloud based platform for the transportation industry. Keith views smart cities and ITS as the path forward for urban centers to mitigate many problems including traffic, pollution, and others.

Solutions Consulting

Keith has a strong focus on creating the best solution for clients of all sizes. In planning product development cycles and enhancements to current BlueMAC Analytics systems Keith has lead the way in engaging with our current clients to ensure current and future systems provide data useful in creating solutions to issues. He has over 20 years of experience in solution consulting in consumer, business, and government industries including ITS.

Executive Operations

Keith has over 20 years of executive experience in high tech, consulting, and transportation industries. His leadership within BlueMAC Analytics is relational and hands on. He trains and empowers employees to handle business dealings within their respective realms and strives to build the best team available.

Jason oversees sales engineering and project management for BlueMAC Analytics. With experience in finance, law enforcement, telecommunications and transportation technology Jason brings a wealth of knowledge to assisting clients with building the right solution then implementing it. With an extreme passion for the industry Jason works ferociously to ensure clients have the solution necessary to succeed.

Jason Spencer

Sales Engineering Manager

- *Solution Consulting*
- *Sales Engineering*
- *Project management*

Education

BS Mass Communication, University of Illinois

Years of Experience

10

Solution Consulting

Jason has 8 years of solution consulting in numerous industries. In his role with BlueMAC Analytics Jason has overseen solution consulting for many high-profile clients including a county-wide deployment in Oregon and system enhancements for a partner creating freight analytics.

Sales Engineering

Jason, in his role as sales engineer, ensures the goals of using BlueMAC Analytics system is being met by clients. In this role Jason has worked with state, county and city agencies. In addition to clients Jason also works with our internal partners, software development, and hardware development teams.

Project Management

Jason oversees project management for clients. In this role Jason has worked with a number of agencies on complex projects including integration into statewide systems for Florida and Oregon, tuning of travel time system for freight analytics, and assistance with an agency changing internal domains.

Bill has over 20 years of technical sales and service leadership experience within the Enterprise space. He has held several VP and director level positions with companies ranging from start-ups to large corporations including Unisys and SBC (now AT&T). During his 6-year tenure at TruePosition (a Liberty Media Company), Bill was responsible for multimillion dollar relationships with T-Mobile and AT&T selling and supporting hardware, software and services, as well as developing partnerships in the Asia Pacific Region.

Bill Baldwin

VP of Sales

- *Sales & Account Management*
- *Customer Service*

Education

MBA - Western Governors University

BA – Washington State University

Years of Experience

29

Sales & Account Management

Bill has over 20 years of sales experience, primarily technical sales in the telecom and large mobile carrier space. He has built and managed sales teams as well as enjoyed success as an individual contributor exceeding $40M annual quotas. Bill has also been a highly successful account manager responsible for multimillion dollar relationships, and managed regional and national account management teams.

Customer Service

Bill has over 9 years of customer service management experience including running large call centers and service organizations, including multi-state and multi-office locations.

Ray manages the hardware components related to BlueMAC Analytics' systems including inventory management, manufacturing, support, and quality control. His knowledge of our systems helps create a world class experience for our clients. From field data validation to tier 3 support our clients consistently express gratitude for the level of professionalism and passion Ray brings to his position.

Ray Au

Support and Operations Manager

- *Client Support*
- *Hardware manufacturing*
- *Quality Control (ISO9001)*

Education

BS Management Information Systems, Washington State University

Anticipated Graduation 2018

Years of Experience

2

Client Support

Ray has years of experience in client support in technology related industries including transportation, networking, printing, and general information technology. In his time with BlueMAC Analytics Ray has shown an attention to detail and emphasis on completing support work efficiently. He leads a team providing tier 1 and 2 support and provides tier 3 support in conjunction with our development team.

Hardware Manufacturing

Ray oversees manufacturing of BlueMAC Analytics hardware and ensures adherence to our ISO 9001:2008 certified quality manual. All tasks related to manufacturing and managed by Ray including inventory management, project management, sourcing new raw materials, and managing relationships with our suppliers.

Quality Control

Ray is the quality control manager of our ISO 9001:2008 certification. As such he is responsible for ensuring adherence to our processes, conducting quality control meetings staff wide, creating new processes, and modifying current processes when appropriate.

Bluetooth Data Collection

Ray has tested, deployed and constructed hundreds of Bluetooth MAC Address readers. Ray has conducted capture range testing related to the adaptable transmit power on BlueMAC and numerous antenna types. This includes consulting for a client at multiple freight ports for segregated capture range of port gates without capturing nearby roadways. He has successfully provided deployment location consulting for numerous clients with an elevated level of success.

7

APPROACH

TECHNICAL APPROACH

Based on our experience with similar General Services Contracts for municipalities in South Florida, the MARLIN Team envisions the following approach for the scope of services items of high importance to the City of Hollywood CRA.

TRAFFIC ENGINEERING & DATA COLLECTION

Our team believes that transportation network improvement recommendations should be based on engineering studies and supported by factual data. The use of data and analysis will result in context-sensitive and implementable recommendations which address both the current and future needs. Our team has conducted numerous corridor planning analyses and traffic engineering studies for municipalities, counties, MPOs, and FDOT in South Florida. Although our approach in analyses and developing recommendations varies depending on the complexity and scale of the projects, some of the key considerations in our approach are:

Understand the issue – it is important to have a thorough understanding of the concerns (safety and/or mobility), the affected users (autos, pedestrians, bicycles and/or transit vehicles), and the potential causes (e.g. roadway capacity, geometry, signal operations, etc.). This will help us to formulate the proper plan of action and data needs to address directly to those issues. Based on the nature of the issue, we will assign core team members with specific knowledge in those areas to handle the projects.

Formulate data collection plan – the data collection plan will be developed according to the nature of the issues and the selected analysis tools. We will determine the types and locations of data to be collected during the hours when the issues would likely be observed, so that sufficient data is collected in the most cost-effective manner. Our team has in-house, state-of-the-practice data collection capability, and is available to handle any scale of data collection needs for the City.

Perform data processing and analysis – various aspects of a project should be evaluated with specific analysis tools and techniques. The level of analysis details vary significantly between planning, operations, and design projects. Our team has experience in nationally-recognized tools and methodologies such as Highway Capacity Software (HCS) and Synchro traffic analysis software for multi-modal level of service analyses, CORSIM traffic simulation software, Highway Safety Manual (HSM) methodologies for safety analyses, as well as using travel demand models to project traffic for future conditions.

Develop context-sensitive recommendations – the recommendations need to be compatible with the built environment, implementable, and consistent with previous studies and plans, as well as meet the needs of the businesses and residents in Hollywood. Our team has experience in developing conceptual designs, estimating the benefit-cost ratio of each alternatives, and ranking and prioritizing projects for short-term and long-term implementation.

Facilitate outreach efforts – coordination with the Hollywood CRA and City of Hollywood is important throughout the project development process. For major improvements, coordination with Broward County MPO, FDOT, and conducting public outreach are critical in understating the needs and concerns of various stakeholders and users. Public outreach is often a critical step in refining and finalizing the recommendations. Furthermore, we are familiar with FDOT, MPO, and County processes, an we are able to explore potential funding opportunities for the CRA to consider.

The MARLIN team has extensive capabilities in the area of data collection and processing. Depending on the scope and needs of the CRA project, our team can collect a wide variety of data including:

- Hose/tube Counts for vehicular traffic
- Bicycle and pedestrian counts
- Miovision Camera Counts (for motorized and non-motorized volume and classification)
- Bluetooth data collection (for origin/destination, and travel time studies)
- Polls and surveys for user data and feedback
- Others

After determining the need and specific goal for the data collection, our approach includes gathering and reviewing existing data, at which point our senior planners and engineers will determine where any additional data is required to perform a concise and accurate analysis. Field visits shall be performed in order to set up the data collection equipment, and to observe field conditions. Data will be recorded along with field notes and observations, our traffic engineers will analyze the data and work closely with our roadway engineers and planners to determine recommendations that are both viable and meet the vision of the CRA.

YOUNG CIRCLE ROADWAY DESIGN & CONSTRUCTION

The MARLIN team understands the importance of the Young Circle to the City of Hollywood and the Hollywood CRA. As an important transportation and business facility in Hollywood, Young Circle serves as a junction between two major state roadways: Federal Highway/US 1 and Hollywood Boulevard. Being the gateway to Downtown Hollywood, it houses Young Circle Park which is a popular recreational, art and cultural destination for both residents and tourists in Hollywood.

Young Circle serves all modes of transportation including autos, pedestrians, bicycles, and transit vehicles. Young Circle carries over 40,000 Annual Average Daily Traffic (AADT) to and from both Federal Highway and Hollywood Boulevard. Five Broward County Transit (BCT) bus routes and two Hollywood Trolley routes operate through Young Circle. Traffic congestion is one of the biggest issues within Young Circle especially during peak seasons. Young Circle is highlighted in the CRA Executive Director's Report in September 2017. The Hollywood CRA is conducting a Young Circle Roadway Feasibility Study to identify options to improve the walkability, accessibility, aesthetics, safety and operational aspects of Young Circle to meet the needs and desires of stakeholders and the community.

Based on our team's previous experience, the following are some of the key considerations for evaluating traffic operations in Young Circle:

- **Downstream bottlenecks** – inefficient traffic signal operations from one or more intersections within Young Circle and from downstream intersections may cause queue spillback to upstream intersections, resulting in butterfly effects when traffic demand is consistently high. Queue spillback causes underutilization of green intervals in upstream intersections. Since traffic signal cycle repeats, this could eventually cause the queuing issues to spread and propagate throughout the entire Young Circle and the surrounding ingress roadways, resulting in gridlock condition. Once a thorough review of signal timing and coordination is completed, recommendation can be made to best optimize the signal offset and green time utilization.
- **Multiple driveways** – Young Circle has a substantially high number of driveways and access points to parking lots and surrounding businesses within the circulatory roadway, when compared to City Hall Circle and Presidential Circle in Hollywood, or other major traffic circles in the country. Combined with driver's confusion in driveway access and roadway connections in Young Circle, this could result in increased weaving and frictions within Young Circle. By consolidating some of the driveways and potentially revisiting the turn restrictions and parking access, a safer and more efficient system can be developed.
- **High and potentially unsafe pedestrian activity** – pedestrian jaywalking between Young Circle Park and surrounding businesses may cause traffic to slow down, especially on the east side outside Walgreens and the BCT bus stop where the nearest marked crossing is approximately 300 feet away. Examining the bus riders' destinations together with reviewing parking options would give an insight into how to best accommodate pedestrians.
- **Insufficient transit vehicle accommodation** – with the high frequency of buses on Young Circle and limited amount of storage space in the bus bay, buses may sometimes need to occupy a travel lane for boarding and alighting, essentially reducing the roadway capacity. Starting with reviewing the real-time bus arrival and departure data, continuing with reviewing the boarding/alighting information, and evaluating BCT's schedules will provide us with information to make recommendations on how to best accommodate both transit and general vehicles alike.
- **Driver's confusion** – with three lanes in the circulatory roadway and occasional lane drops at intersections, drivers may be confused on which lane they should stay on in order to get to their destinations. Lane drops could result in last minute lane changes, causing increased weaving and frictions within Young Circle. Clear wayfinding and lane markings for all modes may be a simple and effective solution for addressing this challenge.

Although several preliminary options for improving Young Circle were proposed in the Young Circle Roadway Feasibility Study, these options are long-term solutions which require major reconfiguration of roadways and potential right-of-way acquisition. To address the current traffic issues, our team will take an engineering approach, in cooperation with FDOT, Broward County and the City of Hollywood, to identify solutions specific to the causes of traffic congestion, while prioritizing pedestrians and bicycles. Depending on the nature of the traffic issues, some of the potential short-term solutions may include the following. A detailed traffic model could be developed to test some of the potential solutions.

- **Queue management** – queue management is critical in traffic circles. Shorter traffic signal cycle lengths, combined with prioritized traffic progression for egress vehicles in the circulatory roadway, will generally result in shorter queues. When traffic demand is high, metering ingress traffic at upstream traffic signals may minimize queue spillback within the circulatory roadway. Intersecting roadways generally have higher queue storage capacity and resilience in traffic queues.
- **Driveway consolidation** – reducing the number of access points on the circulatory roadway by reconfiguring driveways and sharing access points to the surrounding parking lots and businesses may reduce weaving and friction within Young Circle. Preserving the amount of parking spaces will be vital to the businesses surrounding Young Circle.
- **Enhanced pedestrian crossings** – enhanced signage for pedestrian crossings would increase pedestrian safety. Enhanced midblock crosswalks could be proposed at strategic locations to discourage random pedestrian jaywalking across Young Circle.
- **Coordination with BCT** – coordination with BCT on bus operations and schedules may minimize bus bunching within Young Circle. Increasing the storage capacity of the bus bay could also be an option to prevent bus spillback to the travel lane.
- **Advanced wayfinding and lane control signs** – providing clearer directions to drivers on lane usage prior to entering Young Circle may minimize lane changing and weaving within Young Circle. Re-delineating travel lanes within Young Circle could also be an option to minimize driver confusion.

In addition to short term solutions for current traffic issues, the MARLIN Team is prepared to develop complete construction plans and documentation for a long-term solution. We are experienced in major reconfiguration of roadways and development of construction plans. The roadway design for Young Circle varies depending on the concept selected, however based on our experience with design and construction plans some of the key considerations in our approach are:

- **Context Classification** – The context classification is usually determined during the planning stage of a project, however our proposed roadway design and traffic improvements will be context-sensitive to match the needs and vision of the Hollywood CRA. The context of the corridors feeding the Young Circle can be used to justify an FDOT application for Transportation Design for Livable Communities (TDLC). Doing so would provide additional design criteria flexibility helping us to provide a balance between mobility and livability.
- **Concept /Typical Section Development** – Our team is prepared to continue vetting options for the Young Circle reconfiguration and develop alternatives and concepts with data and visualizations to build support for the project. These concepts will take into account all major aspects of roadway design such as Roadway Geometrics, Complete Streets, Right of Way Impacts, Drainage, Signing & Pavement Markings, Signalization and Lighting.
- **Geometric Design** – The geometric design of a traffic circle is unique and requires in depth knowledge of the governing standards with a touch of innovation to preserve the desired character of the facility. Geometric modifications to the Young Circle can be subject to the FDOT three step roundabout evaluation process outlined in Section 7.3 of the Florida Intersection Design Guide. The MARLIN Team is familiar with this process and other governing criteria such as the new FDOT Florida Design Manual, NCHRP Report 672 and AASHTO's Policy on Geometric Design of Highways and Streets. In addition to in-depth knowledge of applicable standards, the MARLIN Team uses 3D detail modeling techniques to layout roadway geometry. These tools allow us to identify conflicts early in the design and allow us to better visualize the proposed improvements.
- **Construction Plans and Documentation** – MARLIN's Team 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 needs to clearly interpret and build our designs. We anticipate and understand the contractors needs and take every measure to assure our construction plans and documentation not only meet governing criteria but that they are clear, logical and free of unnecessary minutia.

Our team has extensive knowledge in traffic operations analysis, roadway design, construction management, and will be able to provide the CRA with the needed support to develop holistic solutions to address the traffic issues in Hollywood.

THE BEACH DISTRICT - ROADWAY RECONFIGURATION & STREETSCAPE

What streetscape design for the East/West streets means to Hollywood as we see it, is an opportunity to balance the requirements of these lifelines to the greater community while keeping the local scale, energy, and character intact. The value of the water's edge must be drawn into the city as far as possible through design. Capturing views, breezes and points of reference to the beach through streetscape design capitalizes on the unique asset of a beachside community.

Beach streetscape projects are identified in the Hollywood CRA's Five Year Capital Improvement Plan, and are critical elements to meet the CRA's objective: "to enrich the visual and functional quality of the streetscape for all user groups". Good streetscape designs could entice pedestrian and bicycle uses, improve safety of all users, and enhance traffic circulation with proper on-street parking design. These east-west streets on the beach typically carry low traffic volumes; but consideration of traffic operations for circulation is important. It is also important to understand the needs and desires of the surrounding businesses and residents before final detailed designs are prepared. Some of the key considerations in our approach to streetscape design are discussed below:

- **Identify surrounding trip generators** – many of the east-west streets on the beach have low traffic volumes, except on the streets with parking garages or major hotels. Streets with higher volumes or with frequent tour buses may need to be designed with higher standards.
- **Re-design on-street parking configurations** – the configuration of on-street parking, such as parallel, perpendicular, head-in angle or back-in angle parking, should be selected properly to maximize the number of parking spaces with consideration of the available right-of-way, traffic volumes, and the impact to general traffic and business alike.
- **Improve pedestrian safety** – curb-extension or parklets, both providing aesthetics to the streets, could be used near intersections to reduce the distance of pedestrian crossings, thus reducing the exposure of pedestrians to vehicles and improving pedestrian safety.
- **Consider sight-distance on driveways** – many driveways and curb-cuts exist on the east-west streets on the beach. Landscape and parking spaces near driveways should be properly designed so that sight-distance from the driveways are not impacted.
- **Facilitate outreach efforts** – coordination with the Hollywood CRA and City of Hollywood is important throughout the process. Before finalizing the streetscape design, public outreach, with visual streetscape renderings, is critical in understating the needs and concerns of various stakeholders and surrounding businesses and residents.

DOWNTOWN DISTRICT - ROADWAY RECONFIGURATION & STREETSCAPE

Several downtown corridors are identified for roadway reconfiguration in Hollywood CRA's Five Year Capital Improvement Plan; including Federal Highway, Hollywood Boulevard, Tyler Street and the FEC Corridor. Federal Highway and Hollywood Boulevard, being the state facilities, will require approval from FDOT for major reconfiguration. Our team has worked with FDOT District Four over a decade on multiple corridor projects, and is heavily involved in the lane repurposing process. We are very familiar with the FDOT Design standards, and the process and requirements of FDOT to reconfigure state facilities. Based on our experience, support from the community and City Commissioners are critical to the success of roadway reconfiguration. We will prepare concept drawings and conduct outreach activities, before finalizing the design plans. Some of the key considerations in our approach to Downtown roadway reconfiguration are discussed below:

- **Analyze traffic operations** – some of the roadway reconfigurations involve significant change in cross-sections, including one-way to two-way conversion on Tyler Street, conversion of Hollywood Boulevard into a pedestrian mall, and complete streets implementation along the FEC Corridor. These corridors and potentially parallel corridors will need to be analyzed to understand the impact on traffic operations, and to identify any mitigation measures.
- **Understand pedestrian and bicycle connectivity** – although pedestrian and bicycle facilities will be provided and enhanced with these roadway reconfiguration projects, it is important to consider the connectivity beyond these corridors so that a complete pedestrian and bicycle network is provided throughout Downtown.
- **Provide proper signage and wayfinding** – the conversion of Hollywood Boulevard to a pedestrian mall will eliminate vehicular traffic but will still allow pedestrians and bicycles. We will design for proper traffic signage in advance of major decision points to direct vehicles to use alternative routes. Proper wayfinding signage is critical to direct vehicles to the Downtown parking facilities to minimize vehicular circulation on Downtown streets, and to direct pedestrians and bicycles to Downtown businesses and destinations. Furthermore, wayfinding and smart parking implementation will direct vehicles to and from parking lots and structures, and further reduce the circulating congestion.

Designing a downtown street is a very unique task. It is a game of inches. Space is valuable and limited, so getting the details right is paramount. How does a pedestrian, a cyclist and a motorist move safely through a downtown street while allowing for that same street to be a place of business, exercise, enjoyment and efficiency? What is the character of the street and the experience of the space for everyone? Designing the details for these experiences, transitions and accommodations is the key to great downtown streets. One of our expert team members Victor Dover has travelled all over the world identifying great streets and measuring them for his book, Street Design: The Secret to Great Cities and Towns. His company, Dover Kohl knows the details, the combinations and the relationships of all the elements that make great downtown streets.

SURVEY & GEOTECHNICAL ENGINEERING

The MARLIN team is fully equipped with state-of-the-art geophysical sensing equipment for determining, designating, mapping and locating utility infrastructure. Using our in-house inventory items, such as VaXcavator System, RTK-GPS Utility Survey Location System, and GIS Software, allows use to provide cost-effective solutions in the following areas:

- ALTA/ACSM (American Land Title Association/ American Congress on Surveying and Mapping)
- As-Built Surveys
- Boundary Surveys
- Computer Mapping
- Construction Layout
- Design Surveys
- Drainage Surveys
- Elevation Certificates
- GIS Mapping
- GPS -Global Positioning System Surveys
- Ground Penetrating Radar
- High Definition 3D Laser Surveys
- Horizontal Control Surveys
- Hydrographic Surveys
- Legal Descriptions
- Planimetric Surveys
- Right of Way Mapping (Parcel Sketch Preparation and Legal Description, etc.)
- Roadway Design Surveys (Alignment, Right of Way Lines, Construction, Utilities and Drainage)
- Sketches of Descriptions
- Subdivision Layout
- Subdivision Planning
- Subsurface Utility Engineering (Location & Identification)
- Subsurface Utility Surveying & Mapping
- Topographic Surveys
- Vertical Control Surveys

In addition to our survey capabilities, our team provides full geotechnical engineering services through Geosol, Inc. Geosol is experienced in performing geotechnical engineering services in urban downtown and coastal areas similar to that of both the Downtown District and the Beach District of the Hollywood CRA. The firm provides subsurface exploration studies, laboratory testing, engineering, consulting, and design of foundation systems. The firm has a reputation for providing high quality, creative and cost effective geotechnical engineering solutions for clients in the private and public sectors.

All subsurface exploration and field survey will be sensitive to the businesses and residents of the Hollywood CRA and will be coordinated to minimize impacts.

URBAN PLANNING, DESIGN DEVELOPMENT AND LANDSCAPE ARCHITECTURE

Our approach to streetscape design & urban planning, especially retrofits, is about enhancing usability for all modes of travel. We seek to preserve local distinctiveness and a sense of place while creating great places. Our approach considers that while pedestrians, bicyclists, motorists and transit users move through the streetscape, shop owners, office workers and residents live and work along these same streets. The street must be a corridor for movement, a place to engage in business, and a shared outdoor room for city life.

Miller Legg's Landscape Architecture approach to complete streets involves an evolution of experience through the transfer from vehicle domination to a walkable experience. The approach to transfer this experience involves both functional aesthetic improvements to geometric design decisions, to balance the shift from one dominance to another. This transformation from a vehicle dominant environment to a pedestrian/cyclist environment includes analyzing traffic patterns and providing alternatives or spreading of vehicular traffic to other corridors. Providing narrow travel lanes, on-street parking, bicycle facilities, tree-lined wider walkways and safe pedestrian crossings only scratch the surface to many design elements which can be included in a matrix of design elements. Coordinated with the network and corridor objectives of plant material which increase shade, provide vertical visual narrowing along with buffering from vehicles, all play part of the strategic decisions. Other treatments to emphasize and complement the reconfigured pedestrian experience include hardscape pavement treatments, site furnishings and irrigation. Specific to Young Circle and roadway reconfiguration projects along the Beach and Downtown, landscape plays an important role transforming the typical cross section of each roadway, thereby making the corridors more inviting and useable by pedestrians and cyclists.

IDENTIFY DRAINAGE AND PERMITTING REQUIREMENTS

Drainage permitting for roadway projects within the Hollywood CRA would depend on the type of the proposed drainage systems to be used.

Depending on the project size, each roadway project may require an Environmental Resource Permit (ERP) to meet State water quantity and water quality criteria from South Florida Water Management District (SFWMD), in accordance with Permit Volume IV and FDOT Permit Information Manual, as applicable. SFWMD criteria requires to retain the post-development runoff for a 25-year, 72 hr storm event. Whereas, FDOT would require to evaluate the 10-year, 1-hr, 8-hr, and 24-hr storm return frequencies. For the particular use of drainage injection wells and pump station systems, a Florida Department of Environmental Protection (FDEP) permit would also be required. And lastly, each project disturbing more than one (1) acre of land would require to obtain a National Pollutant Discharge Elimination System (NPDES) construction permit for the construction of the proposed roadway facilities.

BIDDING ASSISTANCE

The MARLIN Team will be ready to assist the Prime during the Bid Phase of the project as requested by the CRA. The MARLIN Team will attend the Pre-Bid Meeting (to potentially include subsequent site visit/ walkthrough) with the CRA's representative and prospective contractors, present the roadway and drainage/ stormwater design and traffic planning approach and respond to bidders questions.

CONSTRUCTION COST ESTIMATES

The importance of developing accurate construction cost estimates cannot be overstated. Estimates need to be prepared so that the CRA's budget can be verified or adjusted as required. It is also important that these cost estimates account for all possible elements of construction and that they reflect the conditions of the current construction market. We will develop cost estimates for the City at every phase submittal and/or when required by the Project Manager.

CONSTRUCTION DOCUMENTATION ADMINISTRATION & INSPECTION

Once a qualified contractor is selected for the project, The MARLIN Team anticipates providing assistance to the CRA as follows:

- Attend pre-construction meeting with selected contractor. Key discussion elements must include Construction Schedule, Phasing Plan, Utility Conflicts, Contractor's Staging/Yard Areas, Construction Schedule and Maintenance of Traffic Plan.
- The MARLIN Team will review shop drawings of the proposed drainage components, perform construction observations at critical stages of construction or at intervals coordinated with Prime construction manager. Write and distribute construction observation report after each site visit.
- The MARLIN Team will respond to Contractor's RFI's and clarify the construction documents as required during the construction phase.
- The MARLIN Team will perform a Final Construction Observation to ensure satisfactory completion of all items in the Punch List and in addition, review drainage As-built drawings for compliance, prepare and submit Certification of Construction Completion to the regulatory agencies.
- The MARLIN Team will coordinate execution of a Certificate of Final Acceptance and final payment to the Contractor upon satisfactory completion of all items in the Punch List and receipt of all necessary close-out documentation from the Contractor.
- The MARLIN Team will upon completion of construction, deliver to the CRA one set of reproducible "As-Builts" drawings and specifications along with electronic copies.

FUNDING RESEARCH AND GRANT WRITING

From federal to community level grants, MARLIN has the expertise to research, write, submit, manage, and report on grant related projects. MARLIN subscribes to the national grants database Foundationcenter.org which provides MARLIN the ability to actively research potential funders, and align CRA projects that match with grant funder goals. MARLIN will then develop a pipeline of grant submission deadlines throughout the calendar year. Regarding writing and submitting proposals, MARLIN staff collectively shares over 20 years of experience in grant writing, with a long list of winning proposals that range from infrastructure projects to community programming. Finally, once a grant has been awarded, it is just as important to manage and report on grant funds in a transparent and timely manner to the grantor. Establishing a positive relationship with grant funders is key to remaining eligible for future funding and resources. MARLIN has a rich history of delivering thorough project reports that clearly define project objectives, measures project progress, and evaluates overall community impact.

PROJECT SCHEDULING & COORDINATION

MARLIN's approach to successfully executing projects and meeting our clients budget and schedule expectations begins long before a task work order is issued. We study the project, visit the facilities, and conduct field reviews before developing a scope. In doing so we identify critical issues early in the negotiating process and are able to address these accordingly in the scope. During the scoping process our Project Manager will coordinate with the CRA and other agencies involved to develop a list of deliverables and a feasible project schedule. Upon notice to proceed the MARLIN Project Manager will develop a work plan by milestones and hold a team kickoff meeting to assign tasks and responsibilities, highlight critical dates, review quality control and establish criteria to be followed. Our proactive approach to project management guarantees we have all the resources available to meet and exceed the CRA's expectations. Our team is accustomed to early coordination in the planning and design phases of a project, we reach out to permitting agencies, stakeholders and utility companies as early as possible. This practice helps to save time in the review process and prevent conflicts in construction. In addition to proactive early coordination we make sure to follow up frequently and keep all relevant parties informed throughout our projects. Team coordination will be facilitated by our open communication policy where the MARLIN Project Manager will maintain open lines of communication with each of the sub consultants to coordinate tasks, communicate the CRA's comments, and resolve conflicts.

APPROACH TO THE WORK

CLEARLY DEFINE OBJECTIVES

Our approach involves open discussions with the Hollywood CRA and City staff to develop a clear plan of resolution and identify any potential issues. Our staff has the resources necessary to help the CRA define the challenges, determine project objectives, and most importantly, accomplish your community's goals. A crucial part of this process is to establish a vision of what the community wants and determine how the assigned project fits into this vision. Once the goals and objectives of the project have been established, a detailed scope and schedule will be developed for each of the work assignments.

DEVELOP A FEASIBLE SOLUTION

Project feasibility is determined by collecting the right data and analyzing the various parameters specific to each project. This analysis will allow our technical professionals to anticipate the impact of different alternatives. The results are then compared to the previously established priorities and objectives to determine which solution will be most effective in addressing the problem while minimizing cost.

Based on our experience, the accuracy of costs is a critical element in the evaluation of alternatives; consequently, each alternative is thoroughly reviewed by a member of our in-house design team to guarantee accurate cost estimates for each alternative, thus safeguarding the reliability of the decision making process.

In addition, we are well aware of potential concerns relating to the constructability and feasibility of proposed recommendations. We propose in our approach to the project an extensive in-house review of the final recommendations 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 resulting from these recommendations (i.e., right-of-way constraints, utility conflicts, ADA compliance, environmental and permitting impacts among others). At this stage, it is also crucial to identify any agencies, governmental bodies or any other organizations that will have a stake in the approval of the proposed alternatives.

GAIN PROJECT ACCEPTANCE AND BUILD CONSENSUS

The next stage of the process is to ensure that all concerns from stakeholders are addressed and to gain acceptance of the project not only from the Hollywood CRA, but also from the City of Hollywood, Broward County, and any other pertinent agencies. On similar contracts, MARLIN has performed presentations to municipal committees, FDOT, and City Commissions and Councils. Our staff has experience in facilitating the approval of municipal projects at the city, county and state level, as well as, providing coordination among government agencies.

Obtaining public consensus is a critical component to the success of a project. Our experience has shown effective coordination and communication with all the major stakeholders (i.e. elected officials, other governmental agencies and the general public) is important and necessary from early on in the project. We are also particularly aware of the importance of public perception in the success of a project; therefore, we anticipate that our technical expertise and our extensive experience in building consensus will be valuable assets to the Hollywood CRA during the public involvement phase of a project. Building consensus can occur before or early in the development process.

DESIGN, PLANS DEVELOPMENT, AND CONSTRUCTION

After identifying a preferred and accepted alternative, the MARLIN Team then initiates the design development and plans production process. Project milestones may include initial, constructability, and final submittal phases (30%, 60%, and 100% respectively). The initial design phase is when roadway design features such as the typical section, horizontal and vertical geometry are defined. These plans are used for utility coordination and when possible to initiate the permitting process. The initial design phase is also when we obtain some of the most valuable feedback from our clients.

The constructability design phase is when we determine all the pay items to be used to construct our design and determine if any special pay items or specifications will be required. 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.

The last step in the design and plans development phase is the preparation of the final plans, accompanied by specifications and any supporting construction documentation. This is the fine tuning phase and primarily consist of minor design and plans modifications to implement any constructability comments & concerns. By this phase, the MARLIN Team has secured all clearances and permits required pertinent to the proposed design. Complete pay item quantities and a final cost estimate are developed during this phase. At this point, the design and plans are complete and ready for construction. In addition to our aforementioned services, the Team frequently provides bidding assistance, post design, construction administration and inspection services. Our full service approach will insure the Hollywood CRA's goals and vision are brought to fruition.

APPROACH TO SCHEDULE CONTROL AND COST CONTROL

Having served multiple municipal agencies on similar contracts, we understand the complexity of working within tight budgets and schedules. Consequently, we will coordinate project scopes, budgets and schedules for each assignment with the CRA to ensure critical deadlines are met and that all work is performed within budget.

Our **Project Manager, Jose Santiago**, will conduct project progress meetings with the CRA's Project Manager on a regular basis and submit progress reports to ensure tasks are moving along on schedule. Project progress reports will coincide with all billing invoices, which will ensure the CRA has paid only for work that has been completed. The schedule for the project progress meetings will be coordinated with the CRA's Project Manager and key MARLIN staff members will be available to attend as required.

By requiring project progress meetings and reports, project cost control can be better maintained and tracked by the CRA and MARLIN staff. As projects advance and new tasks begin, Mr. Santiago will have a task kick-off meeting with the CRA's Project Manager to discuss each of the project's objectives so that MARLIN staff can have a firm understanding of the desired result.

A detailed project cost estimate for each task assigned will quickly be developed and submitted to the CRA'S Project Manager for approval. Once a consensus on the scope and fees has been achieved, MARLIN staff will be assigned and will immediately begin working on the new project task. Our experience shows that this process eliminates project overruns and additional service agreements.

MARLIN'S PROJECT MANAGEMENT APPROACH

Our approach to project management follows a proactive coordination philosophy. Our approach empowers our team members with the resources and data to effectively perform our services. In addition, our philosophy creates a strong synergetic partnership with our team allowing us to provide the CRA with synchronized planning, design and construction management services that will ultimately be beneficial to and welcomed by the public. The MARLIN Team will build a collaborative approach with the CRA by maintaining open and honest professional communication. We will not hesitate to make tough recommendations and believe that the success of any project hinges on cooperation. Our goal is to produce technically sound contract documents while being cost conscious, and completed on schedule and under budget. We will implement this philosophy through teamwork and the right allocation of resources within the MARLIN team. In addition, we will pay close attention to detail and manage each project by supervising the individual components. Every MARLIN team member will meet the Hollywood CRA's needs and expectations for each task work order assigned.

The MARLIN team Project Manager must be able to quickly understand the project, visualize the final product and have the ability to rapidly identify the specific staffing and equipment requirements to complete projects within the CRA's time schedule. **Jose Santiago will be the MARLIN team Project Manager**. Mr. Santiago has more than 20 years of experience working as a professional engineer on infrastructure improvements for municipal, county and state agencies in South Florida. He will be the **primary contact** with the CRA's Project Manager and will have the responsibility of coordinating the engineering and planning effort of the MARLIN team to ensure that the expectations of the CRA are met during all phases of any project assigned.

The MARLIN team understands that a "strong start" is essential to ensuring the success of a project. Therefore, upon receiving the notice to proceed, Mr. Santiago will organize a kickoff meeting. The purpose of this meeting will be to ensure that all of the team members assigned to the work order understand their project assignments and that the following critical components are completely understood:

- Project Scope & Objectives
- Expectations of the CRA
- Roles & Responsibilities
- Applicable Criteria
- Key Deliverables
- Schedule
- Budget

As the Project Manager, Mr. Santiago will ensure the success of any task work order assigned by implementing a project management plan that focuses on the following:

Open Communication: Mr. Santiago will maintain open lines of communication with each of the subconsultants to coordinate tasks and discuss progress and deliverables.

Strong Quality Control: The team commits to delivering studies, plans and specifications that meet the highest standards of our profession. Mr. Santiago will take the following steps to ensure that our deliverables are permittable, buildable and clear:

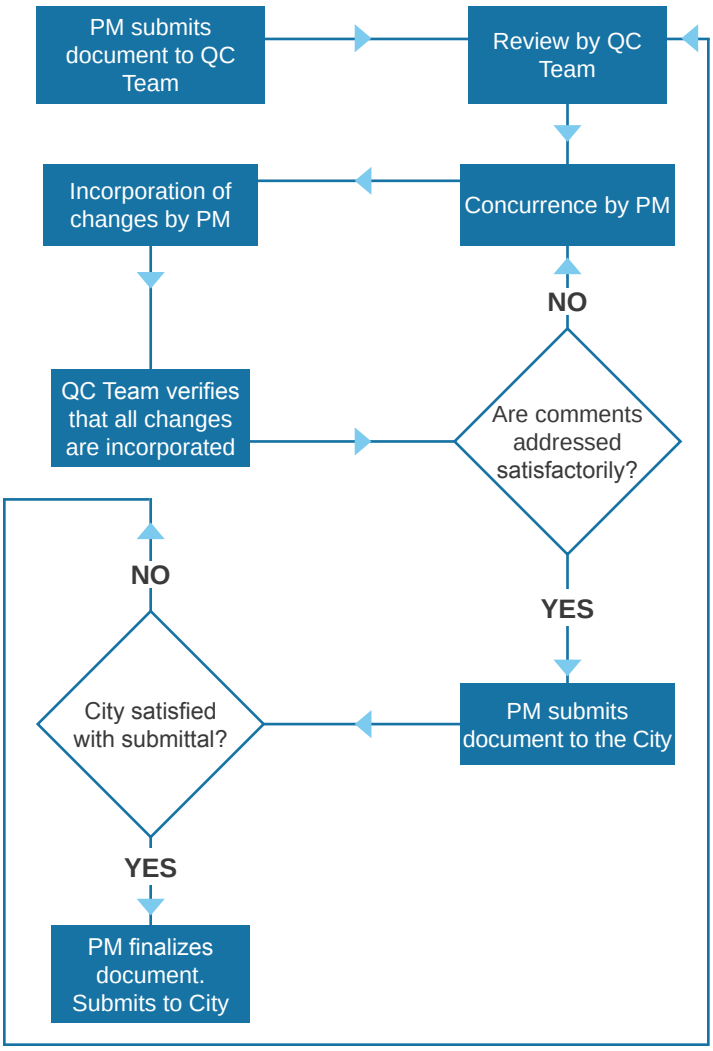
Consistent, Reliable Staffing: The MARLIN team consists of staff who are experts in their areas of specialty and we are committed to making them available to the Hollywood CRA as they are needed to develop scopes, concepts, cost estimates, or for project development and brainstorming. The MARLIN team will be fully available for the CRA's needs in order to provide unmatched reliability.

- Assign a quality control manager charged with the responsibility of ensuring that the final plans and specifications result in as few change orders as possible.
- Meet with the project team at established/periodic intervals and establish accountability.
- Conduct in-house quality control reviews prior to the completion of milestones.
- Ensure that the quality control comments are addressed and resolutions incorporated

QUALITY ASSURANCE/QUALITY CONTROL

MARLIN is committed to helping the CRA achieve its general engineering and architectural objectives. Much of our success over the last 26 years is directly related to our consistent delivery of high quality, timely services. We take great pride in the fact that approximately 85 percent of our services are for repeat clients, which is evidence of our commitment to quality.

In order to maintain the highest level of quality, we will provide an independent quality control review on all deliverables developed under this contract. The depth of our team will allow for a rotation of quality control reviewers so that they will be independent from the team members that worked on the projects, ensuring the highest quality on all the deliverables. The MARLIN Team for this contract has been specifically selected to include a certain level of redundancy in regards to experience and knowledge to allow for the execution of multiple concurrent tasks and a thorough QA/QC process.



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ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTACT - SPECIFIC QUALIFICATIONS

A. CONTACT INFORMATION

1. TITLE AND LOCATION (City and State)
Traffic Engineering Services to the CRA for Capital Projects

2. PUBLIC NOTICE DATE	**3. SOLICITATION OR PROJECT NUMBER**
August 9, 2017	CRA 17-020

B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE
Jose Santiago, PE - Project Manager

5. NAME OF FIRM
MARLIN Engineering, Inc.

6. TELEPHONE NUMBER	**7. FAX NUMBER**	**8. EMAIL ADDRESS**
305-477-7575	NA	JSantiago@marlinengineering.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors)

	(Check) Prime	(Check) J-V Partner	(Check) Sub Contractor	9. FIRM NAME	10. ADDRESS	11. ROLE IN THE CONTRACT
a.	X			MARLIN Engineering, Inc. ☐ CHECK IF BRANCH OFFICE	1700 NW 66th Avenue Suite 106 Fort Lauderdale, FL 33313	Project Mgmt., Roadway Design, Traffic/Transportation Planning & Engineering, Environmental, CEI, Structural, Survey Drainage
b.			X	Dover, Kohl & Partners ☐ CHECK IF BRANCH OFFICE	1571 Sunset Drive, Coral Gables, FL 33143	Urban Design/Planning
c.			X	Miller Legg ☐ CHECK IF BRANCH OFFICE	5747 N Andrews Way Ft. Lauderdale, FL 33309	Landscape Architecture
d.			X	VIA Planning, Inc. ☐ CHECK IF BRANCH OFFICE	2101 W Commercial Blvd Suite 3200 Ft. Lauderdale, FL 33309	Traffic Engineering
e.			X	Geosol, Inc. ☐ CHECK IF BRANCH OFFICE	5795-A NW 151st Street Miami Lakes, FL 33014	Materials Inspection Geotechnical Engineering
f.			X	SSN Engineering, LLC ☐ CHECK IF BRANCH OFFICE	1925 NW 18 Street, Suite 30 Pompano Beach, FL 33069	Stormwater / Drainage
g.			X	BlueMAC Analytics ☐ CHECK IF BRANCH OFFICE	1253 Coral Lane Hollywood, FL 33019	Traffic / Data Collection

D. ORGANIZATIONAL CHART OF PROPOSED TEAM ☒ *Attached under Tab 6 - Professional Experience and Qualifications of Personnel*

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jose Santiago, PE	Project Manager	20	12

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Bachelor of Science in Civil Engineering University of Miami, Coral Gables, Florida, 1996	Florida Professional Engineer Lic. No. 60248

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Advanced Maintenance of Traffic

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hollywood Blvd. Complete Streets Project Hollywood, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Signalization and Lighting Engineer of Record. Decorative signalization and lighting improvements along Hollywood Blvd from City Hall Circle to Dixie Highway. Responsibilities include the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd into a multimodal facility for automobiles, bicycles and pedestrians.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Townwide Bicycle and Pedestrian Improvements Miami Lakes, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Contract Manager. Sidewalk and crosswalk improvements along each side of the existing typical section of four selected corridors in the Town of Miami Lakes. The sidewalk improvements will be in accordance with ADA requirements. Since this is a LAP approved project, MARLIN will coordinate with FDOT on the development of the NEPA documentation required for this project.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
NW 92nd Avenue Reconstruction Doral, FL	2017	2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Project Manager. Design services for the extension of NW 92nd Avenue. Project includes the preparation of roadway plans, drainage report and plans, surveying, utility coordination, signing and pavement markings, signalization, lighting and permitting.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Non-Motorized Overpass at SR 5 / US 1 and SW 27th Avenue Miami, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Quality Control Manager. Conceptual and feasibility analysis to identify, evaluate and recommend potential alignments for a non-motorized overpass. The analysis included typical sections, horizontal and vertical geometry, traffic control, conceptual right of way costs, coordination with pre-fabricated bridges, construction cost estimates, plans and profiles.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Miscellaneous Streetscape Improvements Miami Lakes, FL	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Project Manager. Provided design services for the installation of paver treatments at various locations, including gateways and specific intersections (unsignalized and signalized), as well as the application of pavement markings. Marlin prepared the construction documents which included three design typical design alternatives, signing and pavement markings, traffic control plan, and cost estimate.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Miguel Soria, PE	QA/QC	a. TOTAL: 27	b. WITH CURRENT FIRM: 21

15. FIRM NAME AND LOCATION (City and State)
Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
BS in Civil Engineering, University of Miami, 1993	Professional Engineer – Florida 49359 –1995

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Traffic Control TC-M-A 22879162; Value Engineering CUS #840603; Florida Engineering Society; American Society of Civil Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hollywood Blvd. Complete Streets Project Hollywood, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

QA/QC, Chief Engineer. Decorative signalization and lighting improvements along Hollywood Blvd from City Hall Circle to Dixie Highway. Responsibilities include the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd into a multimodal facility for automobiles, bicycles and pedestrians.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
NW 92nd Avenue Reconstruction Doral, FL	2017	2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Senior Project Engineer. Included coordination between governing agencies, overseeing safety concerns, ensuring compliance with MOT, scheduling and project close-out. Construction oversight for drainage system; new roadway construction and widening; clearing and grubbing; curb and gutter and sidewalk; new asphalt pavement; milling and resurfacing; signage and pavement markings; and, landscaping.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Old Cutler Roadway Reconstruction Cutler Bay, FL	2014	2014

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Senior Project Engineer. Reconstruction included adding 2 lanes, curb and gutter, shared use pedestrian/bicycle path, stormwater drainage, decorative street lighting, signalization, landscaping, and two traffic-calming circles. Coordinated and scheduled: daily inspections, material testing, road closures, detours, safety zones, and relocation of public utilities.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
West Lakes Drainage Improvement Project Miami Lakes, FL	2012	2012

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

QA/QC, Chief Engineer. Preparation of contract plans, drainage analysis, FEMA Grant application, as well as plans preparation for the project, and coordination of the agencies involved. Also included, were visits to the site, meetings with the city, cost estimating, identifying the amount of exfiltration and the design of the control structures.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Miscellaneous Steetscape Improvements Miami Lakes, FL	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

QA/QC, Chief Engineer. Design for the installation of paver treatments at gateways and specific intersections (unsignalized and signalized), as well as the application of pavement markings. Team prepared construction documents including three design typical design alternatives, signing and pavement markings, traffic control plan, and cost estimate.

f.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Greenways Biscayne Trail Segments C & D Miami, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — Check if project performed with current firm

Cheif Engineer/ QA/QC. 36.2 mile long multi-use trail study, along the Biscayne Trail that includes a PD&E study, trail design and construction management. Trail provides recreational access to Biscayne National Park.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Raul Dominguez, PE	Deputy Project Manager	7	4

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
BS - Civil Engineering Florida International University (FIU), 2012	PE Florida, No. 82219, 2016

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Certification in Long Range Estimates (LRE) & MOT; American Society of Civil Engineers, Associated Member (A.M., ASCE)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Townwide Bicycle and Pedestrian Improvements Miami Lakes, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Project Manager. The scope of this project includes the bicycle and pedestrian complete streets improvements of selected corridors within the Town of Miami Lakes. Complete streets and traffic calming improvements are applied by carefully balancing right of way constraints, drainage, utilities and existing landscape with bicycle and pedestrian needs. Since this is a LAP project, coordination with FDOT on the development of NEPA documentation is required.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hollywood Beach CRA - SR A1A Lane Reduction and Concept Plan from Hollywood Blvd to Sheridan St., Hollywood, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [ ] **Check if project performed with current firm**

Design Engineer. Developed complete street concept plans for SR-A1A from Hollywood Blvd to Sheridan Street. The purpose of this concept plan was to help implement goals/vision of the Hollywood Beach CRA Plan. These goals emphasized on reduction of speed, safety for vehicles, pedestrians and bicyclist via wider sidewalks and where feasible buffered bike lanes. The benefits of this project included improved corridor aesthetics and multi-modal facilities resulting in enhanced livability, walkability and economic development. All proposed improvements were coordinated with FDOT.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Fort Lauderdale Beach CRA - Fort Lauderdale Beach Streetscape Improvement, Fort Lauderdale, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [ ] **Check if project performed with current firm**

Lead Design Engineer. The purpose of this project was to provide a pedestrian friendly unobstructed walkway along SR A1A Responsible for the Lighting and Streetscape retrofit plans for SR-A1A from the South Beach parking lot to Sebastian Street. Performed the photometric analysis of turtle friendly amber LED lighting along this signature segment of Fort-Lauderdale beach. Designed multiple alternatives for pedestrian and vehicular turtle friendly lighting and calculated construction cost of each alternative. Responsible for developing the Transportation Design for Livable Communities Project Designation Application and all applicable FDOT design variations for the streetscape. Also responsible for utility coordination and sub consultant coordination for this City of Fort Lauderdale high profile project.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Delray Beach CRA - Federal Highway (US-1) Interim and Final Enhancements, Delray Beach, FL	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [ ] **Check if project performed with current firm**

Design Engineer. Performed post design services and revisions for this complete street LAP project. The scope consisted of providing roadway design, water main design, relocation of piping for new drainage facilities, and design of water main crossings for a multi-phased project which includes two miles of the US-1/Federal Highway one-way pair in each direction in Delray Beach. The City and CRA adopted the Downtown Delray Beach Master Plan, which has, as one of its key elements, a reconfiguration of the two one-way segments of US-1 from three lanes to two lanes. The project also included on-street parking, landscaping beautification, environmentally sensitive street lighting, irrigation design, bicycle lanes, pavers, and crosswalks.

19. RELEVANT PROJECTS			
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SR A1A RRR Design from East of Mercedes River Small Bridge to Sunrise Boulevard, Fort Lauderdale, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm Deputy Project Manager & Lead Engineer responsible for the milling and resurfacing of SR A1A from the bridge over the Mercedes River to Sunrise Boulevard. Developed milestone work-plans and managed sub consultants and internal staff resources to meet all FDOT deliverables. This corridor is designated as a Florida Scenic Highway, this segment of SR A1A is also nationally and internationally renowned as the Fort Lauderdale Beach Strip. This project included four different typical sections for SR A1A. A number of deficiencies were identified during field review, including unsafe pedestrian movements, cracked sidewalks, substandard bridge pedestrian aluminum rails and abandoned, blocked-off driveway cuts. Used a holistic approach to ensure connectivity of the different modes of transportation including bicycle storage facilities and special signing to achieve a successful design within FDOT guidelines. Work included drainage repair, sidewalk modifications to meet ADA criteria, signing and pavement markings, traffic control plans, lighting evaluation and local agency coordination.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Rafael Lagos, PE	Chief Engineer	24	12

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Master of Science in Civil Engineering, Florida International University, Miami, FL, 1996; Bachelor of Science in Civil Engineering, Universidad del Norte, Barranquilla, Colombia, 1985	Florida Professional Engineer Lic. No. 51412

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Advanced Maintenance of Traffic

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hollywood Blvd. Complete Streets Hollywood, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm

Chief Engineer. Decorative signalization and lighting improvements along Hollywood Blvd from City Hall Circle to Dixie Highway. Responsibilities include the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd into a multimodal facility for automobiles, bicycles and pedestrians.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Townwide Bicycle and Pedestrian Improvements Miami Lakes, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm

Engineer of Record: Sidewalk and crosswalk improvements along each side of the existing typical section of four selected corridors in the Town. The sidewalk improvements will be in accordance with ADA requirements. This is a LAP approved project. MARLIN will coordinate with FDOT on the development of the NEPA documentation required.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Biscayne Trail Segments C and D PD&E and Design Miami, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm

Senior Engineer. 36.2 mile long multi-use trail study that includes a PD&E study, trail design, and construction management services. Mr. Lagos was involved in the conceptual and preliminary design of proposed alternatives. He coordinated the engineering design of a 14–mile pedestrian/bikeway trail connecting Black Point Park and Homestead Bayfront Park, along Biscayne Bay, with the Greenways Trails System. Mr. Lagos also was involved in the coordination with permitting agencies such as FDOT, SFWMD, DERM, US Army Corps of Engineers and US Wildlife and Fishing

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
NW 92nd Avenue Reconstruction Doral, FL	2017	2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm

Engineer of Record. Design services for the extension of NW 92nd Avenue. Project includes the preparation of roadway plans, drainage report and plans, surveying, utility coordination, signing and pavement markings, signalization, lighting and permitting.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 90 / SW 8th Street and SW 87th Avenue PD&E Miami, FL	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm

Senior Engineer: Study of additional capacity improvements along SR 90/SW 8th Street at the intersection with SW 87th Avenue to improve mobility and Level of Service (LOS). Two build alternatives for this project will be considered. Tasks to be performed include identification of all existing deficiencies, development of alternatives to resolve those deficiencies, identification and minimization of environmental impacts, documentation of the analysis, recommendation of a preferred alternative and FHWA LDCA approval. Responsible for the development of the drainage analysis, drainage and location hydraulic report, and drainage conceptual plans.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Roxana Matamoros, PE	Senior Roadway Engineer	a. TOTAL: 18	b. WITH CURRENT FIRM: 10

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
BS Civil Engineering University of Detroit Mercy Detroit, MI, 1998	Florida Professional Engineer – Florida 77979 – 2015

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Advanced Maintenance of Traffic

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hollywood Blvd. Complete Streets Project Hollywood, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Roadway Designer. Decorative signalization and lighting improvements along Hollywood Blvd. Responsibilities include the production of signalization and lighting component plans. This Complete Streets Project entails the reconstruction of Hollywood Blvd into a multimodal facility for automobiles, bicycles and pedestrians.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Non-Motorized Overpass at SR 5 / US 1 and SW 27th Avenue FDOT District 6	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Roadway Designer. Conceptual and feasibility analysis to identify, evaluate and recommend potential alignments for a non-motorized overpass. The analysis included typical sections, horizontal and vertical geometry, traffic control, conceptual right of way costs, coordination with pre-fabricated bridges, construction cost estimates, plans and profiles.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
NW 92nd Avenue Reconstruction Doral, FL	2017	2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Roadway Designer. Design services for the extension of NW 92nd Avenue. Project includes the preparation of roadway plans, drainage report and plans, surveying, utility coordination, signing and pavement markings, signalization, lighting and permitting.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Railroad Grade Separation Study Martin County, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Roadway Designer. Design of a conceptual and feasibility study at 4 railroad crossings with the FEC Rail Line throughout Martin County. The study included grade separation designs and development of conceptual plans and cost estimates for up to 1 crossings for highway/railroad grade separation, 1 concept for intersection/railroad underpass and 2 crossings for pedestrian/non-motorized uses.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 710/Warfield Blvd. Martin County, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Roadway Designer. Major reconstruction project. Responsibilities include the final roadway design including establishment of typical section, roadway horizontal and vertical geometry, engineering report, drainage analysis and report, production of roadway and drainage plans, development of engineering estimates and specifications.

f.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 710 / Northlake Blvd. Minor Design Safety Improvements Palm Beach County, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Roadway Designer. Lighting improvements for this safety project at the intersection of SR 710 & Northlake Blvd. in Palm Beach County. Responsibilities include the production and implementation of the safety report.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
John Blankenship	Senior Designer	a. TOTAL: 28	b. WITH CURRENT FIRM: 1

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Associates Degree Computer Design & Arts, Coastal Training Institute, Montgomery, AL	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
General Engineering Consultant Cutler Bay, FL	PROFESSIONAL SERVICES: Ongoing	CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Designer. General Engineering Consultant for the Town of Cutler Bay. Services include: roadway and streetscape design, stormwater design, cost estimating, engineering construction management and inspections, environmental engineering and permitting, transportation planning, traffic engineering, traffic-impact and safety studies, parking studies, multi-modal traffic planning and design, bicycle and pedestrian path planning and design, and traffic calming.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Traffic Calming Study & Design Palmetto Bay, FL	PROFESSIONAL SERVICES: 2017	CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Designer. Traffic Circle Design for the intersection of SW 168th Street and SW 82nd Avenue / SW 170th Street and SW 79th Place for traffic calming. A comprehensive study was performed for traffic calming alternatives for the Village of Palmetto Bay. The scope of the study involved public meetings with the residents, traffic data collection, field review, data analysis, final recommendations and prioritization of works. MARLIN also assists the Town in coordinating with Miami-Dade County's Public Work Department to obtain approval of recommendations.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
NW 82nd Avenue and Oak Lane Miami Lakes, FL	PROFESSIONAL SERVICES: Ongoing	CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Designer. Redesign of NW 82nd Ave and Oak Lane based on safety study recommendations, roadway median design, adding pavement marking and signage.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Townwide Traffic Calming Study Cutler Bay, FL	PROFESSIONAL SERVICES: 2017	CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Designer. Traffic calming study and evaluation for the Town of Cutler Bay, FL. Data collection and preparation of a report of needed improvements for the benefit of traffic flow.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Protect Bike Lane Master Plan Miami-Dade County, FL	PROFESSIONAL SERVICES: 2017	CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Designer. Protected bike lanes along city of Miami and surrounding Miami-Dade areas along with current traffic conditions. Evaluation and data collection, preliminary design for the Miami-Dade TPO, FL. Data collection and preparing of preliminary design for evaluation.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Elias Diaz	Senior Designer	20	15

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Miami Lakes Technical School, 1997	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Training Certification in AutoCAD R12 & R13

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hollywood Blvd. Complete Streets Hollywood, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Senior Designer. Decorative signalization and lighting improvements along Hollywood Blvd from City Hall Circle to Dixie Highway. Production of plans for this Complete Streets Project which entails the reconstruction of Hollywood Blvd. into a multimodal street.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 710 – Warfield Blvd. Martin County, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Roadway Support and Signals Designer. Reconstruction of SR 710 replacing the existing two-lane roadway with a new four-lane divided roadway satisfying traffic demands, reducing congestion, enhancing mobility and safety and improving evacuation capacities

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Greenway Biscayne Trail Miami-Dade County, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Senior Designer. This project was a non-motorized 10-foot wide paved shared-use path (multi-use trail) on an existing levee along the L-31E Canal, approximately 6.5 miles long and accommodates cyclists, pedestrians and equestrians.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Newport Fishing Pier Reconstruction Sunny Isles Beach, FL	2008	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Engineering Designer: Responsible for the development of alternatives for a fishing pier & a 5,000 square foot restaurant. Duties included project management, design, permitting and public involvement

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Townwide Bicycle and Pedestrian Improvements Miami Lakes, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Senior Designer. Sidewalk and crosswalk improvements along each side of the existing typical section of four selected corridors. The sidewalk improvements will be in accordance with ADA requirements. Since this is a LAP approved project, MARLIN will coordinate with FDOT on the development of the NEPA documentation required for this project.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Dalila Fernandez, PE	Traffic Engineer	12	9

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc. - Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Master of Science in Civil Engineering | Florida International University| Miami, Florida | 2012 Bachelor of Science in Civil Engineering Florida International University| Miami, Florida | 2005	Florida Professional Engineer Lic. No. 76938-2013

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Chi Epsilon Civil Engineering Honor Society

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
General Planning Consultant FDOT District 4, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineer. On-call services contract. Assignments included project traffic forecasts (travel demand), FSUTMS model support, DRI review, PD&E review, IMR/IJR review, GIS support, and miscellaneous on-site planning support services.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Transportation Planning and Engineering Palmetto Bay, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineer. On-call planning and engineering services, including: traffic calming, plan review, traffic impact and safety studies, parking studies, neighborhood traffic management, multi-modal traffic planning, comprehensive planning, resident requests, traffic operation studies safety analysis, collection of traffic counts and reports, preparation of construction documents, concurrency updates, and concurrency management.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Downtown Redevelopment and Transportation Impacts Palmetto Bay, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineer. Study to document the traffic and transportation needs of a proposed downtown redevelopment plan including a significant densification of the existing downtown area introducing a new mixed use development. Dalila analyzed and documented the results of existing and phased future transportation impacts of the proposed downtown redevelopment including how trips could be internalized between complementary land uses. This study analyzed the transportation corridor segments and intersections in accordance with the Village requirements and approved methodology, which specified an analysis of existing conditions and future conditions without the downtown project (background traffic) and future conditions with the downtown project (total traffic).

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Greenways Biscayne Trail Segment C Miami-Dade County, FL	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineer. 36.2 mile long multi-use trail study, along the Biscayne Trail. Includes a PD&E study, design and construction management. Performed traffic engineering and transportation planning services on the PD&E study.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Transportation Planning and Engineering South Miami, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineer. On-call services, including traffic studies, public outreach, coordination with stake holders, construction plans and specs, estimating and project management. Also included transportation planning, street and highway design, traffic calming design, transit planning, traffic studies, attending meetings with City Staff and presentations to City Council.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Leanne Garcia, EI	Traffic Engineering Intern	a. TOTAL: 11	b. WITH CURRENT FIRM: 3

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Bachelor of Science in Civil Engineering Higher Polytechnic Institute Jose Antonio Echeverria (ISPJAE) La Habana, Cuba, 2002	Engineer In Training (California) Certificate No. EIT 151983

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Districtwide Traffic Operations Safety Studies FDOT District 6	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineering Intern. Performed multiple traffic engineering studies; including traffic data collection, signal timing analysis & design, Qualitative Assessments, Intersection Capacity Analysis, Left Turn Signal Warrants, Signal Warrants, Arterial Roadway Capacity Analysis, Corridor Evaluations, Travel Time & Delay Studies. This includes crash analyses, which consists of sorting crash data by type & number of accidents, calculating safety ratios and confidence levels, and other tasks.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Downtown Redevelopment Traffic Impact Analysis Village of Palmetto Bay, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineering Intern. Analyzed and evaluated the impacts of the downtown Palmetto Bay street closures on the surrounding roadway network and intersections based on the new design being planned for Downtown Redevelopment Task Force (DRTF) preliminary project area, which consists of 6,000 new residential units and 400,000 new square feet of commercial development. The traffic study includes road closures, proposed traffic circles, and traffic counts.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Paraiso Development- Traffic Impact Analysis Miami, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineering Intern. Performed a traffic impact analysis for this mixed-use development. Tasks included: data collection, existing conditions analysis, traffic circulation /access plan, future traffic Trip generation projections and assignment, future traffic analysis, Queue Analysis and conclusion and recommendations.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
South Florida Beach Trip Generation Study Miami-Dade, Broward & Palm Beach Counties, FL	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineering Intern. Developed preliminary person and vehicle trip generation rates by documenting trip characteristics data for “South Florida Beach” Land Uses, at five beach sites throughout the tri-county area. The data collection analysis and trip generation rates will be utilized to update the SERPM 6.5.3 model.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
General Planning Consultant FDOT District 4	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Engineering Intern. Assignments included project traffic forecasts (travel demand), model support, DRI review, PD&E review, IMR/IJR review, GIS support, and miscellaneous on-site planning support services. Noel performs data collection and gather site-specific information prior to inventory, assisted with road tubes and PTMS counters installation, placed along some arterials within Miami Dade, Broward and Martin County.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Abel Martinez, EI	Traffic Analyst	a. TOTAL: 12	b. WITH CURRENT FIRM: 2

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc. - Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Bachelor in Industrial Engineering, Jose Antonio Echeverria University (CUJAE), Havana, Cuba, 2005	Engineering Intern (EI), 2017

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Global Logistics Associates, GLA, American Society of Transportation and Logistics

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
General Engineering Consultant Cutler Bay, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Traffic Analyst. General engineering services to the Town of Cutler Bay. Services include: roadway and streetscape design, stormwater design, cost estimating, engineering construction management and inspections, environmental engineering and permitting, transportation planning, traffic engineering, traffic-impact and safety studies, parking studies, multi-modal traffic planning and design, bicycle and pedestrian path planning and design, and traffic calming.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Calming Study Miami Shores Village, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Traffic Analyst. The purpose and goal of the project was to perform a comprehensive study for traffic calming alternatives for the entire Village. The scope of the study involved public meetings with the residents, traffic data collection, field review, data analysis, final recommendations and prioritization of works. MARLIN also assists the Town in coordinating with Miami-Dade County's Public Work Department to obtain approval of recommendations.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Calming Study Palmetto Bay, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

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

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Operation and Mobility Study Miami Lakes, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Traffic Analyst. Provided the Town with professional traffic engineering services for the assessment of traffic operations and development of conceptual recommendations for safety/traffic calming improvements, as well as, performing a feasibility study for the relocation of a community guard gate.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Citywide Pavement Management Program Doral, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Traffic Analyst. Provided the City with professional engineering services to conduct a Pavement Condition Survey (PCS) and perform a Pavement Evaluation of all City owned roads based on the results of the PCS and field observations. The scope of services also included develop a Five-year Maintenance and Rehabilitation Plan to assist the City in scheduling of work and budget.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Djemcy Limage	Traffic Analyst	a. TOTAL: 3	b. WITH CURRENT FIRM: 3

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Bachelor of Science in Civil Engineering Florida International University, Miami, Florida, 2014	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Safe Routes to School 2016 & 2015 Miami-Dade County, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Analyst. Evaluation of 20 schools selected by the Miami-Dade TPO. Included documentation of unsafe walking conditions, developing recommendations, and cost estimates for safety improvements to infrastructure within each school's attendance boundary. This evaluation included field visits, coordination with school administration, and public outreach. MARLIN submitted twenty infrastructure applications to FDOT for funding based on the recommendations. Djemcy's tasks included public outreach, data collection and bicycle, pedestrian recommendations and cost estimate.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Calming Study Miami Shores Village, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Analyst. A comprehensive study for traffic calming alternatives for the entire Village. Included public meetings, traffic data collection, field review, data analysis, final recommendations and prioritization of works. MARLIN also assists the Village in coordinating with Miami-Dade County's Public Work Department to obtain approval of recommendations.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Mid-Block Pedestrian Crossing Feasibility Assessment: SR 834/Sample Rd. B/T Rock Island Rd. and Turtle Run Blvd., Broward County, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Analyst. Provided traffic engineering for the development of pedestrian assessment and safety improvements. The study limit was to identify where Coral Springs High School students are crossing SR-834/West Sample Road for purposes of determining a potential location of a midblock crossing. This report documents the findings of field reviews, roadway inventory, condition diagram, and measured sight distance along the study segment.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Speed Limit Reduction Study Miami Shores Village, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Analyst. A speed limit reduction study for the entire Village to improve vehicular, pedestrian, and bicyclist safety. Conducted an engineering and traffic investigation to determine if such a change is reasonable and in conformity with criteria promulgated by FDOT. The study involved, traffic data collection, field review, data analysis and final recommendations.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Operation and Mobility Study Miami Lakes, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Analyst. Assessment of traffic operations and development of conceptual recommendations for safety/traffic calming improvements, as well as, performing a feasibility study for the relocation of a community guard gate.

f.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Paraiso Development Traffic Impact Analysis Miami, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Traffic Analyst. Traffic impact analysis for a mixed use development. As part of a preliminary study, traffic data was collected on the defined intersections within the project study area. The traffic volume data includes four-hour intersection turning movement volumes, during the AM and PM peak hours. This includes turning movement counts, 24-hour bi-directional machine counts and segment traffic volumes

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Harold Pantaleon	Senior Engineering Technician	8	2

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc. - Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
B.S . Civil Engineering (INCE University, Dominican Republic)	N/A

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

FASC Intermediate FDOT work zone Traffic control (September 2014 to Present)

IMSA traffic signal technician level 1 (January 2015 to January 2018)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Calming Study Miami Shores Village, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Sr. Engineering Technician. The purpose and goal of the project was to perform a comprehensive study for traffic calming alternatives for the entire Village. The scope of the study involved public meetings with the residents, traffic data collection, field review, data analysis, final recommendations and prioritization of works. MARLIN also assists the Town in coordinating with Miami-Dade County's Public Work Department to obtain approval of recommendations.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Operation and Mobility Study Miami Lakes, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Sr. Engineering Technician. Provides the Town with professional traffic engineering services for the assessment of traffic operations and development of conceptual recommendations for safety/traffic calming improvements, as well as, performing a feasibility study for the relocation of a community guard gate.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SW 10th Street Consensus Building Livability Planning Broward MPO	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Sr. Engineering Technician: Community outreach effort to bring together regional and adjacent community groups to concur and collaborate on a transportation project that has been delayed for decades because of community concerns. Includes the development of a brand, website and collateral material and many, many local meetings to inform the public and to get them to understand that there are opportunities that are passing them by and that the status quo is not helping anyone. Included development of a logo and tag line, designated phone line for questions from general public, elected official one-on-ones and other outreach techniques. Harold was responsible for data collection services.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Icon Biscayne Traffic Impact Miami, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Sr. Engineering Technician. Mr. Pantaleon performed data collection and traffic engineering support. Assisted in performing 72-hour approach counts, 72-hour Turning Movement Counts for 12 intersections along Biscayne Blvd. and NE 2nd Avenue. He also assisted in creating Synchro Model and data analysis, developed report graphics and figures.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Statewide Vehicle Bluetooth Vehicle Data Collection FDOT Central Office	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Sr. Engineering Technician. Performed data collection and data analysis for the project. Responsible for the deployment and maintenance of more than 25 units statewide including the main ports in Florida. He is also responsible for daily traffic monitoring during the data collection period. Performed 72-hour classification counts for the 8 main ports in Florida and 1-hour counts for each deployed location along the main roads in the State. Assisted in developing freight calibration factors, seaport peak hour traffic reports, developed maps and figures.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Alexis Gonzalez, EI	Engineering Technician	a. TOTAL: 12	b. WITH CURRENT FIRM: 2

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
BS in Industrial Engineering, Higher Polytechnic Institute Jose Antonio Echeverria (ISPJAE), 2005	Engineering Intern (EI), 2017

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Districtwide Traffic Operations Safety Studies FDOT District 6	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Engineering Technician. The purpose of this consultant contract is to provide the Department with Professional traffic engineering services through the development of various traffic operations and safety studies that will be identified for intersections, arterials, and related improvement recommendations and evaluations. This includes five basic types of safety and traffic operations studies such as: Qualitative Assessments, Signal Warrant Analysis, Intersection Analysis, Arterial Analysis, Left turn Phase Warrant Analysis, Composite Studies, and Other traffic engineering related studies, Fatal Crash Reviews and Speed Zone Studies.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
General Engineering Consultant Cutler Bay, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Engineering Technician. General engineering services to the Town of Cutler Bay. Includes: roadway and streetscape design, stormwater design, cost estimating, engineering construction management and inspections, environmental engineering and permitting, transportation planning, traffic engineering, traffic-impact and safety studies, parking studies, multi-modal traffic planning and design, bicycle and pedestrian path planning and design, and traffic calming.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Calming Study Palmetto Bay, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

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

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Operation and Mobility Study Miami Lakes, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Engineering Technician. Provided the Town with professional traffic engineering services for the assessment of traffic operations and development of conceptual recommendations for safety/traffic calming improvements, as well as, performing a feasibility study for the relocation of a community guard gate.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Traffic Calming Study Miami Shores Village, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Engineering Technician. The purpose and goal of the project was to perform a comprehensive study for traffic calming alternatives for the entire Village. The scope of the study involved public meetings with the residents, traffic data collection, field review, data analysis, final recommendations and prioritization of works. MARLIN also assists the Town in coordinating with Miami-Dade County's Public Work Department to obtain approval of recommendations.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jeffrey Weidner, MSP	Chief Planner	32	3

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
MS Planning Urban & Regional Planning Specialization-Transportation Florida State University, 1981 BS Government, Minor-Computer Science Florida State University, 1983	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

President Broward Section, 1993 American Planning Association, Section Board Member (1989-1993)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
US-1 SW 152nd Street to I-95 Master Plan Miami, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm

Project Manager. Manages the transit, bicycle, pedestrian, MetroRail and Busway Station access and freight elements of a 13 mile corridor action plan on a FDOT SIS facility. Mr. Weidner's responsibilities are to identify current and future deficiencies and to develop and analyze improvements to address station access and park and ride and truck/intermodal improvements

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 80 from US 27 to I-95 Action Plan Palm Beach County, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm

Project Manager. Managing the pedestrian, bicycle, transit and freight components of the study, which take into consideration the unique character of the corridor which traverses almost the entire county connecting the economically disadvantaged Glades area to employment opportunities, and connecting the seaport in the East to the agricultural areas to the West. As a subconsultant, our role is to assess existing traffic conditions and developing future alternatives for pedestrian/bicycle, transit and freight alternatives along this 45 mile SIS corridor in Palm Beach County. The SR 80 corridor in Central Palm Beach County is developing rapidly and there are significant concerns that the land development patterns are inconsistent with the inter-regional function of the roadway. In addition, the corridor includes the Belle Glade and South Bay Communities which have been designated by the State as Rural Area of Critical Economic Concern. The effort includes balancing the significant truck traffic generated by the agricultural and mining uses in western Palm Beach County, the development of an 849 acre Intermodal Logistics Center and the desire to reroute trucks to a planned by-pass so that plans for a Complete Streets application and Downtown Belle Glade redevelopment can occur.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SW 10th Street Consensus Building Livability Planning Broward County, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm

Deputy Project Manager. Managed a community outreach and livability planning effort for the Broward MPO to bring together regional and adjacent community groups to concur and collaborate on a transportation project that has been delayed for decades because of community concerns. The project is located in Northern Broward County between the Florida's Turnpike and I-95. The stretch of roadway has been proposed for a regional connector between the highways and faced strong opposition from the local government and the some 10,000 plus residences that are adjacent to the roadway. Marlin held 39 meetings with local group and regional groups to get the go ahead to coordinate with a Community Oversight Advisory Team (COAT) made up of 17 members representing the broad residential. Business and transportation interests in the corridor. Marlin held 7 meetings with the group providing information on concepts on how express/through traffic and local traffic can coexist through the use of greenways, transit, access controls, noise walls and grade separations. The project also included the development of a project brand, website and collateral material to provide a portal for the public and to get them to understand that there are opportunities that are passing them by and that the status quo is not helping anyone. Project includes development of a logo and tag line, designated phone line for questions from general public, elected official one-on-ones and other outreach techniques. The results of the effort were a 17 to 1 vote by the Broward MPO to support moving forward with a Project, Development and Environment study with the support of the COAT.

19. RELEVANT PROJECTS			
d.	(1) TITLE AND LOCATION (City and State) **Railroad Grade Separation Study** Martin County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager. Managing a study vet 28 railroad crossing a feasibility study to identify, evaluate and select potential roadway and non-motorized grade separation crossings on the FEC Rail Line throughout Martin County. The study will identify potential candidate crossings, prioritize the potential candidates for a grade separation and develop conceptual plans for up to 2 crossings for highway/railroad grade separation and for 2 crossings for pedestrian/non-motorized uses		
e.	(1) TITLE AND LOCATION (City and State) **Pedestrian / Bicycle and Complete Streets Programs** FDOT District 4	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm Strategic Development Manager. Managed the development and implementation of complete streets and bicycle/ pedestrian initiatives for 16 years at the District, including: • Pedestrian/Bicycle Decision Support System - interactive database system utilized to prioritize pedestrian/bicycle gaps based on fatal and serious injury crashes, proximity to schools and parks, TAZ auto-ownership data, length of gap and other relevant factors. The system utilized GIS technology to display maps of gaps and overlays for the prioritization criteria. Resulted in 17 miles of gaps being funded and constructed. • Modal Development Scoping Forms -developed and implemented a process to provide Design Project Managers with a summary of concise issues related to ped/bike, transit, ADA access to transit, RR Crossing and aviation needs so that they could properly fund and schedule projects. Form was used to track and monitor Project Manager follow through at the Initial, Constructability and Biddability Design Reviews. • Statewide Leadership - District 4 Pedestrian/Bicycle Champion for the Secretary's Alert Today Alive Tomorrow Safety Campaign. Frequently requested to participate on FDOT statewide initiatives such as: successfully introducing and implementing the initial SIS Program; representing FDOT on the State of Florida Bicycle/Pedestrian Coalition and participating in development of new policies including FDOT Complete Streets and Managed Use Lanes Policies. [X]		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jennifer Fierman, AICP, CPM, CNU-A	Multi Modal Planner / Public Information Officer	10	2

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Florida A&M University, Tallahassee, FL, Mechanical Engineering	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

American Institute of Certified Planners, Certified Public Manager, CNU-A, 2017

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hollywood Blvd. Complete Streets Hollywood, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Complete Streets Planner. Signing and pavement marking improvements along Hollywood Blvd. from City Hall Circle to Dixie Highway. This Complete Streets Project entails the reconstruction of Hollywood Blvd. into a multimodal facility for automobiles, bicycles and pedestrians.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 80 Corridor Action Plan - SR 80 from US 27 to I-95 FDOT District 4, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Pedestrian/Bicycle Complete Streets Technical Support. Responsible for assessing existing conditions, developing future alternatives for transit and freight and identifying recommendations to promote pedestrian and bike use and increase safety along a 45 mile SIS corridor in Palm Beach County. Responsible for pedestrian, bicycle, transit and freight components of the study, which take into consideration the unique character of the corridor which traverses almost the entire county connecting the economically disadvantaged Glades area to employment opportunities, and connecting the seaport in the East to the agricultural areas to the West.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Protected Bike Lanes Master Plan Miami-Dade County, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Project Manager. Managed a project for the development of the Miami-Dade TPO Protected Bike Lanes Master Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) will create a county-wide low-stress bikeway network connecting existing bike facilities, population centers, employment areas, educational facilities, recreational facilities, other civic institutions to existing and planned transit facilities including the Strategic Miami Area Rapid Transit (SMART) Plan corridors. Two pilot projects will be identified for fast-track implementation.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Bike Friendly Miami-Dade Program Miami-Dade County, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Project Manager. Responsible for coordinating the effort to establish Miami-Dade County as a Bicycle Friendly Community by pursuing the Bicycle Friendly designation from the League of American Bicyclists. Ms. Fierman also managed the deployment of bicycle and pedestrian counts at 55 locations as outlined by the MPO to build a repository of historic bicycle and pedestrian data and identify trends in walking and bicycling throughout the county.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Complete Streets Implementation Plan FDOT District 4, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Complete Streets Coordinator. Ms. Fierman represented FDOT District 4 on the statewide committee to develop the FDOT Complete Streets Implementation Plan, which was published in December of 2015. This effort was a comprehensive evaluation of FDOT policies and practices with the goal of developing a framework for integrating a Complete Streets approach into FDOT's practices

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Eric Katz, AICP, MURP, CNU-A	Strategic Planner	9	1

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
MA Urban and Regional Planning, FAU, 2013 BA Anthropology/Sociology & History, FIU, 2008 AA Mass Communications/Journalism, Miami-Dade College, 2005	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Ride Leader Certification, Everglades Bicycle Club, 2016; CNU-A, 2017
AICP Certification, American Institute of Certified Planners, 2017

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Protected Bike Lanes Demonstration Plan Miami-Dade County, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Planner. Development of the Protected Bike Lanes Demonstration Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) will create a county-wide low-stress bikeway network connecting existing bike facilities, population centers, employment areas, educational / recreational facilities to existing and planned transit facilities including the Strategic Miami Area Rapid Transit (SMART) Plan corridors. The study identified two pilot projects for fast-track implementation.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Broward MPO Complete Streets Study Broward County, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Planner. The County is actively seeking opportunities to implement Complete Streets projects along various corridors within the county. MARLIN is contracted to assist with researching potential lane elimination projects. Identifying suitable lane elimination segments could offer multi-modal solutions that improve transit and/or bicycle and pedestrian amenities such as separated bike lanes, wider sidewalks, and transit facilities. Eric's tasks included a literature review of all Broward municipalities and documenting proposed complete streets projects and or lane elimination projects.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Transit Operations Facility Feasibility Study Martin County, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Planner. Development of a feasibility study that provides the Martin MPO with list of potential locations to consider for a transit operations facility. The scope involves identifying parcels that offer optimal geographic location, appropriate acreage, and zoning that would support an industrial facility that would also service local residents in need of transit services. Eric's tasks included coordinating stakeholder meetings, GIS mapping, developing a final list of recommendations, and providing illustrative concepts of how the transit facility may look and function.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Non-Motorized Data Collection Study Miami-Dade, Broward and Palm Beach Counties, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Planner / Public Outreach. MARLIN was contracted by FDOT Central Office to research and develop a process for the Department to collect pedestrian and bicycle data. MARLIN identified technologies to test and deployed them in Miami-Dade, Broward and Palm Beach based on a matrix of context zones including rural, suburban, urban environments. The technologies include: Pneumatic hoses, Infrared, Mio-vision cameras, and Bluetooth detectors. The Final Report provided recommendations regarding which technologies are best to utilize depending on the built environment context.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
NE 13th St. Complete Streets Roadway Reconstruction Fort Lauderdale, FL	2017	2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Public Information Officer (PIO). The City of Fort Lauderdale is implementing Complete Streets roadway projects across the city. Tasked with Public Information services during the construction phase of the project. Eric's tasks involved attending coordination meetings, communicating with local businesses and residents with Project Updates, and developing educational materials that would educate the community about how roundabouts work and how they benefit the community.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
German Sanchez, EI	Construction Inspector	a. TOTAL: 14	b. WITH CURRENT FIRM: 5

15. FIRM NAME AND LOCATION (City and State)
Marlin Engineering, Inc. - Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Bachelor of Science in Civil Engineering Florida International University, 2010	Engineering Intern (EI), 2011

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
SFRTA Roadway Worker Protection Contractor Safety (11/2015); FEC Roadway Worker Protection (02/2016); Maintenance of Traffic Advanced (08/2015); CTQP Asphalt Paving Level 1, (08/2015); CTQP Earthwork Construction Inspection Level 1 (08/2015)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
NW 92nd Avenue Reconstruction Doral, FL	2017	2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

CEI Inspector. Provided field observation and oversight to the construction improvements of NW 92nd Avenue. This includes coordination between governing agencies, overseeing safety concerns, and ensuring compliance with MOT plans. In addition, verified quantities installed by the Contractor and made payment recommendation to the City.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Highland Village Sewer Connection Project North Miami Beach, FL	2009	2009

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

CEI Coordinator. Responsible for overseeing the contractor to ensure that plans and specifications were followed. The project involved connecting 220 properties to sewer mainline. Reviewed and approved contractor's invoices and developed reports for client outlining weekly progress at project. Represented the CEI Team at progress meetings with the City and Contractor. Assisted city officials in assuring that all paperwork required was completed by property owners allowing the contractor onto their property.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
N.W. 25th Street (West Segment) Post-Design FDOT District 6	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Designer. Assisted contractor by answering any questions or issues that were encountered during redesign. Provided plans and boards to public information officer for public meetings and meetings with County advisory boards. Attended meetings with local agencies and business owners during public meetings to answer any questions regarding the benefits of the project. Assisted contractor to expedite review by FDOT and other local governmental agencies of redesign plans by contractor. Would personally visit FDOT and County to ensure that approval of plans would be done in a timely manner.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Adaptive Signal Control Technology Implementation Fort Pierce, FL	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Roadway Designer. Implementation and integration of an adaptive signal control system (Centracs) along SR 5/US 1 (12 intersections) within the City of Fort Pierce. Responsibilities include project management, roadway and signalization design, utility coordination, and public involvement.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Districtwide General Engineering Contract FDOT District 4	2017	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Rail Specialist. Inspection and railroad crossing condition evaluation project. Visited 73 state owned, at-grade railroad crossings and inspected the conditions, recorded survey data and evaluated the overall rating for the individual crossings. Helped to modify the evaluation process currently used to include pedestrian factors and train factors. Worked on the FEC corridor inspecting the All Aboard Florida double tracking construction on State owned crossings. Inspected the crossing to ensure that FDOT Design standards were being followed.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Julie Vers, PE	Senior Structural Engineer	19	1

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc. - West Palm Beach, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
BS, Civil Engineering Florida International University, 1997	PE: Florida #77896 PE: Connecticut #23468

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

CERTIFICATIONS: FHWA NHI Course #100335-Safety Inspection of In- Service Bridges; FHWA NHI Course #130053 Bridge Inspection Refresher Training; FHWA NHI Course #135046 Stream Stability and Scour at Highway Bridges; FHWA NHI Course #130091 Underwater Bridge Inspection; FDOT Advanced Maintenance of Traffic

PROFESSIONAL AFFILIATIONS: American Society of Civil Engineers; Florida Engineering Society; Women in Transportation

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
In-house Consultant Services-Bridge Maintenance Division FDOT District 6	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

As the Project Manager on this In-House Consultant Services Contract, Julie provides support to the Bridge Maintenance Department. Her responsibilities include performing load rating analyses, reviewing consultant load rating analyses, plans reviews, field review, scope development, and project/construction cost estimates.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Colechester Lane Bridge Structural Rehabilitation Palm Coast, FL	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

QC Engineer. Preparation of signed and sealed contract documents for the repair and rehabilitation of Colechester Lane over College Waterway, and its associated bulkhead walls. Included were repair/rehabilitation to the: deck and sidewalk underside; bridge deck joints; end bent caps; prestressed concrete piles; bulkhead caps and walls; slope protection and slopes. Bridge barriers and handrails were upgraded to meet current codes.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Pahokee Marina Modifications Palm Beach County, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Project Manager/ Supervisor. Julie was Project Manager for structural engineering services for the northern breakwater of the Pahokee Marina 480 feet east and remove approximately 90 feet of the existing west end of the Marina entrance wall. The project involved evaluation of a twin sheet pile coffered system with a concrete cap and a steel sheet pile wall stabilized with a battered pile system and a concrete cap. Options were evaluated for constructability and Julie provided value engineering suggestions to minimize the costs of the modifications. The new breakwater was designed that the wall can be shortened in length, due to budget constraints. Plans and specifications were prepared for the modifications based on wave forces and factors of safety determined necessary by Palm Beach County.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Island Drive Seawall Replacement (SE Corner) Palm Beach County/City of Delray Beach, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Julie was the Project Manager for this project that includes survey, concrete coring, geotechnical investigation, structural field review structural analysis, structural design, bidding and cost estimating for the repair / replacement of the failing southeastern seawall adjacent to the Island Drive Bridge located within a residential neighborhood.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Ocean Reef Drive Bridge Load Rating Monroe County, FL	2016	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Project Manager, Structural Engineer. Performed a load rating analysis of the existing bridge superstructure for Florida Legal Loads and reviewed the safe bearing capacity of the piles. Julie analyzed the bridge to determine if it is capable of safely allowing the passage of heavy vehicle(s) and equipment necessary for construction of a new parking garage and provided a letter detailing the findings of the structural analysis and recommendations to the Owner.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Barbara King-Russell, PE	Senior Structural Engineer	a. TOTAL: 29	b. WITH CURRENT FIRM: 1

15. FIRM NAME AND LOCATION (City and State)
Marlin Engineering, Inc. - Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
BS Civil Engineering, Rensselaer Polytechnic Institute, 1981	PE #41956, Florida

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Bridge Structural Evaluation Port St. Lucie, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [x] Check if project performed with current firm

Senior Structural Engineer. Prepared design plans for Southbend Blvd. over C-24 Canal for Bridge Beautification. Investigated the cause and prepared plans for solving the approach settlement and expansion joint issues at the St Lucie West Bridge over the Turnpike. Performed field review of guardrails at the bridge approaches for comparison with the repair recommendations in the FDOT Bridge Inspection Reports for inclusion in repair plans. Miscellaneous tasks included general structural reviews and performing bridge load rating for a possible additional loading.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Aluminum Sign Structure Replacement Broward & Palm Beach Counties, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Senior Structural Engineer. Designed three special sign structure replacements with double uprights founded on double drilled shaft foundations. Ms. Russell analyzed the structures with STAAD and checked the design in MathCad following the methodology used by the FDOT program.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Palm Bay Parkway Design-Build Palm Bay, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Senior Structural Engineer. Preliminary design of the Palm Bay Parkway bridge over the C-1 Canal. This structure is a 240'-0" long, 49'-4" wide 36" Florida I-Beam bridge consisting of four 60'-0" spans supported on pile bents. This was a LAP Project.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Krome Avenue over C-1-W Miami-Dade County, FL	2013	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Senior Structural Engineer. Production of a Bridge Development Report for Krome Avenue over the C-1-W Canal. Through the FDOT District 6 General Engineering Contract, K&S served as an extension of the FDOT in house staff working with the roadway design and drainage groups.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Arch Creek Pedestrian Bridges North Miami, FL	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Design Engineer for production of design plans and specifications for two 62-foot pre-manufactured steel truss pedestrian bridges included in this LAP Project for the City. Plans included details for the cast in place concrete end bents on prestressed piles, ADA compliance, and design to accommodate a future water main. Provided post design services and resolved construction issues.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Eduardo Vazquez, EI, CBI	Lead Certified Bridge Inspector/Diver	18	16

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc. - Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelor of Science in Civil Engineering, Major in Structures
University of Havana, Havana, Cuba, 1991

17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)

Certified Bridge Inspector – 00369 | FHWA-NHI - 130078 - Fracture Critical OSHA Fall Protection | Inspection Techniques for Steel Bridges - 2011 FDOT Engineering Concepts for Bridge Inspectors - 2000| PADI/Rescue Diver Certifications MOT Advanced | TSMA Failure and Inspection Training National Bridge Element Training – 2014 | Confined Space Entry Training - 2015

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Consulting Services for Bridge Master Plan Ft. Lauderdale, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Mr. Vazquez led this assignment for Marlin Engineering. It entailed the individual underwater structural evaluation and reports for the City's 52 bridges. These reports identify and quantify the deficiencies of the bridge and recommend whether the bridge structure requires repair, rehabilitation or replacement.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
West Palm Beach I-95 Asset Management Bridge Inspection FDOT District 4	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Project Manager. In association with another consultant, Mr. Vazquez is the Project Manager for topside routine bridge inspection, including segmental bridge structures, inspection of overhead sign structures, inspection of high mast light poles (HMLPs) and underwater inspection for all applicable structures.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
MDX Routine Structure Inspections Miami-Dade County, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Project Manager. Mr. Vazquez is currently leading this assignment for Marlin Engineering. It entails the structural underwater and topside inspection of 127 bridges and also over 120 Overhead Sign structures. Duties include contract coordination with MDX and the Inspection Team Leader.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Underwater Bridge Inspection for Turnpike Florida Turnpike Enterprise	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Senior Bridge Inspector. Mr. Vazquez led this assignment which entailed the underwater bridge inspection, scour survey and analysis, and report processing on 85 turnpike structures from milepost 0 to 199 (south system).

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Florida Keys Asset Management Contract FDOT District 6	2013	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Senior Bridge Inspector. Mr. Vazquez was in charge of managing the underwater portion of the inspections under this contract. This contract included over 35 bridges, along US-1, in Monroe County, and entailed the underwater structural inspection and scour evaluation of the substructure components of these bridges in contact with the water.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Adelis Caban Acevedo	Environmental Coordinator	a. TOTAL: 10	b. WITH CURRENT FIRM: 1

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc. - Fort Lauderdale/Puerto Rico

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
B.S., Environmental Engineering, Polytechnic University, 2008	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Transportation Worker Identification Credential (TWIC) for Port Access; Inter-American Association of Sanitary Engineering and Environmental Sciences (AIDIS); Solutions for Efficient Energy Balance in Wastewater Treatment Plants, WEF, 2015, etc.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Townwide Bicycle and Pedestrian Improvements
Miami Lakes, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: Ongoing
CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Environmental Coordinator. Project involves documenting all impacts through the NEPA process assisting the Town of Miami Lakes in their coordination of the Local Agency Program (LAP) process with FDOT in accordance with FDOT LAP Manual guidance. Coordination includes the review of all available environmental information such as, and not limited to, identifying the presence of wetlands, contaminated sites, flood maps, potential impacts to cultural resources, and land acquisition. Conduct site reconnaissance and prepare Site Condition Memorandum with photo-documentation in order to help determine the Environmental Class of Action needed, in concurrence with the design team and Town of Miami Lakes project manager.

b.

(1) TITLE AND LOCATION (City and State)
Brownfields Program Phase I & II ESAs and Community Outreach
Canóvanas, Puerto Rico

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: Ongoing
CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [X] Check if project performed with current firm

Project Manager. Conducting an inventory review of the properties within the revitalization area of the Municipality. Conduct 5 Phase I ESAs, the preparation 4 QAPPs for related Phase II assessments in coordination with EPA and the client, as well as the preparation of a Community Participation Plan and presentation meetings with the community.

c.

(1) TITLE AND LOCATION (City and State)
Ecosystem Restoration Project – Feasibility Report and Environmental Impact Statement, San Juan, Puerto Rico

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Associate Project Manager/Environmental Coordinator. Project involved preparing and completing a feasibility report and environmental impact statement. Maintained, wrote and revised quality assurance documentation and procedures. Monitored progress of environmental improvement programs. Served on teams conducting multimedia and project inspections; and provided assistance with planning, quality assurance, safety inspection protocols, and sampling.

d.

(1) TITLE AND LOCATION (City and State)
San Juan Isla Grande Terminal Improvement Project Environmental Evaluation and Permit Application, San Juan, Puerto Rico

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2014
CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Associate Project Manager/Environmental Coordinator: Served as a team leader on sediment and water chemical characterization studies. Planned and coordinated fieldwork, and provided scientific staff support. Co-author of the Environmental Evaluation report. The project had to comply with the U.S. Army Corps of Engineers (USACE) and Environmental Protection Agency (EPA) 33 CFR regulations.

e.

(1) TITLE AND LOCATION (City and State)
PR-22 and PR-5 Environmental and Permit Compliance Audit
San Juan, Puerto Rico

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2012
CONSTRUCTION (if applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — [ ] Check if project performed with current firm

Associate Project Manager/Environmental Coordinator. Developed proposed project inspection objectives and targets, and reported to management on progress in attaining them. Served as team leader on toll plazas EHS inspection and environmental permitting compliance. This project involved conducting an environmental audit (permit search and analysis, site visits, data validation, and inspections) for the PR-22 and PR-5 facilities in Puerto Rico.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Lazaro Fleitas, PSM	Senior Surveyor & Mapper	a. TOTAL: 27	b. WITH CURRENT FIRM: 9

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE)
Irrigation and Drainage Engineer, Higher Institute of Agriculture Science, Havana, Cuba, 1989; Topography Middle Technician, Alvaro Reynoso Polytechnic Institute, Havana, Cuba, 1980	Professional Surveyor & Mapper – Florida 6518 –2006

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
General Engineering & Surveying Cutler Bay, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Project Surveyor. MARLIN has been providing general engineering and surveying services to the Town of Cutler Bay since 2008. Services include: roadway and streetscape design, civil engineering, cost estimating, construction management and inspections, environmental, transportation planning, traffic engineering and surveying. Lazaro has been the Project Surveyor on numerous projects throughout the Town performing Land Surveying, Subsurface Underground Excavation (SUE) and Ground Penetrating Radar (GPR) services.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
General Engineering Consultant Doral, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Project Surveyor. MARLIN is a General Consultant for the City of Doral providing civil and traffic engineering, transportation planning and surveying services for a variety of projects including roadways, drainage, traffic engineering, civil/site planning, water and sewer, environmental assessments and engineering, land use and zoning, construction management, and project management. Lazaro has been the Project Surveyor on various projects performing Land Surveying, Subsurface Underground Excavation (SUE) and Ground Penetrating Radar (GPR) services.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 834 / Sample Road Broward County, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Project Surveyor. Horizontal/vertical control, baseline survey, Right of Way survey, topographic/DTM, cross sections and signal light survey. The design survey was to extend 800 feet south of center line of SR 834 / Sample Road to 700 feet north from center line of SR 834 / Sample Road along SR 811 / Dixie Highway and 1,000 feet west of center line of SR 811 / Dixie Highway to 1,000 feet east from center line of SR 811 / Dixie Highway along SR 834 / Sample Road.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Survey Services for West Lakes BCDE Miami Lakes, FL	2012	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Lazaro was the Project Surveyor for this project. The scope of work included: Establishing control points, establishing elevations, providing drainage as-builts, full Topography Survey/ Digital Terrain Model (DTM). Also establishing job and instate plane coordinates.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 710 - Warfield Boulevard Martin County, FL	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Project Surveyor. This project is a full DTM (Digital Terrain Model), topographic survey that expands from 300 feet west of Martin power Plant to three hundred feet east of CR-609. A total distance of 6.3 miles. Activities include, but are not limited to establish or recover control points, verify alignment, Drainage Survey, and Right of Way Survey.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Omar Carcamo	Survey Manager / CADD Technician	a. TOTAL: 20	b. WITH CURRENT FIRM: 13

15. FIRM NAME AND LOCATION (City and State)

Marlin Engineering, Inc., Fort Lauderdale, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)
Bachelor of Science Construction Management Florida International University, Miami, FL, 2013	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
General Engineering Consultant Doral, FL	Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Survey Crew Chief / CADD Technician. MARLIN is a General Consultant for the City of Doral providing civil and traffic engineering, transportation planning and surveying services for a variety of projects including roadways, drainage, traffic engineering, civil/site planning, water and sewer, environmental assessments and engineering, land use and zoning, construction management, and project management. Omar performs Land Surveying, Subsurface Underground Excavation (SUE) and Ground Penetrating Radar (GPR) services for various city projects.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 834 / Sample Road & SR 811 / Dixie Highway FDOT District 4	2015	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Survey Crew Chief. Horizontal/vertical control, baseline survey, Right of Way survey, topographic/DTM, cross sections and signal light survey. The design survey was to extend 800 feet south of center line of SR 834 / Sample Road to 700 feet north from center line of SR 834 / Sample Road along SR 811 / Dixie Highway and 1,000 feet west of center line of SR 811 / Dixie Highway to 1,000 feet east from center line of SR 811 / Dixie Highway along SR 834 / Sample Road.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 5 / US 1 from 53rd Street to CR-510 FDOT District 4	2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Survey Crew Chief / CADD Technician. This project consists of providing horizontal/vertical control, baseline survey, Right of Way lines, planimetric survey, drainage, channel survey and sectional/grant survey. The design survey on SR 5 was to extend 750 LF south from 53rd Street to 500 LF north to 87th Street. In addition, the survey was to extend 1,900 LF west from Center Line of SR 5 to 2,800 LF east from SR 5 along CR 510.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SUE at RickenBacker Causeway & Miami Seaquarium Miami, FL	2011	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Survey Crew Chief / CADD Technician. This project entailed the use of vacuum to excavate for the purpose of physically measuring vertical location, as type of material and depth of utility. Two soft digs would be performed to discover and establish an existing FPL line.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 710 / Beeline Highway, Intersection of North Lakes Blvd. FDOT District 4	2012	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] **Check if project performed with current firm**

Survey Crew Chief / CADD Technician. Project consists of providing horizontal/vertical control, baseline survey, Right of Way survey, topographic/DTM, cross sections and signal light survey. The design survey was to extend 1000 feet south of center line of North Lakes Blvd. to 1,200 feet north of center line of North Lakes Blvd. along SR 710 / Beeline Highway. Also consisted of 1,200 feet west of center line of SR 710 / Beeline Highway to 1,000 feet east of center line of SR 710 / Beeline Highway along North Lakes Blvd.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Victor Dover	**Co-Founder, Lead Principal**	**30 years**	**30 years**

15. FIRM NAME AND LOCATION *(City and State)*
The Image Network, Inc. d/b/a Dover, Kohl & Partners – Coral Gables, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Virginia Polytechnic and State University, Blacksburg, VA -Bachelor of Architecture **University of Miami, Coral Gables, FL – Masters of Architecture,** **Suburb and Town Design**	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Fellow American Institute of Certified Planners, Leadership in Energy and Environmental Design – Accredited Professional
Certified Charrette Planner, National Charrette Institute
Fellow, Congress for the New Urbanism

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **SEVEN50, THE PROSPERITY PLAN FOR SOUTHEAST FLORIDA** (Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: **2014** — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm **X**

Seven50 is the plan for the seven counties of Southeast Florida for the next fifty years. The region includes 121 municipalities and over six million people. Plan creation involved over 5,000 people participating in a series of regional summits and local workshops and over one million people via an interactive website with online weekly polls, a scenario modeler, social media, discussion forums, and a regional data warehouse. Victor led a fifteen-firm, multidisciplinary counsultant team as it worked closely with local universities and regional planning councils, the Florida Department of Transportation, and a 200-member public and private partnership. The Seven50 Prosperity Report. Seven50 was funded by the US Office of Sustainable Housing and Communities and was featured on National Public Radio and in The New York Times. **Role: Lead Principal**

b.

(1) TITLE AND LOCATION *(City and State)*: **EL PASO COMPREHENSIVE PLAN (El Paso, Texas)**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: **2012** — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm **X**

Victor headed the Plan El Paso planning initiative which involved multiple charrettes and a multi-disciplinary team which worked with residents, stakeholders, and officials from the City, state and Fort Bliss Army Base, to create the El Paso's overarching policy document. The plan was unanimously approved by the El Paso City Council and was awarded a 2011 National Award for Smart Growth Excellence by the US Environmental Protection Agency. Jason advises plan implementation which involves capital projects, land development policy, TOD development, and the form-based coding of large sections of the City. **Role: Lead Principal**

c.

(1) TITLE AND LOCATION *(City and State)*: **BRADENTON FORM-BASED CODE (Bradenton, Florida)**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: **2011** — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm **X**

The form-based code provides a regulatory framework to achieve density, walkability, and transit-readiness in Bradenton's core and central neighborhoods. Sustainability permeates the document, and mandates or provides incentives for eco-friendly building and planning at many different scales, from the corridor and neighborhood to construction details. Jason headed the Transect planning for the SmartCode based-code which received a Driehaus Form-Based Codes Award in 2012. **Role: Lead Principal**

d.

(1) TITLE AND LOCATION *(City and State)*: **North Miami Beach Master Plan**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: **2015** — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm **X**

Dover, Kohl & Partners led a multi-disciplinary team to create a Master Plan for the North Beach District of Miami Beach and recommend an economic and revitalization strategy. Plan NoBe provides the basis for public policy in the North Beach area of the City of Miami Beach regarding physical development. Plan NoBe establishes priorities for public-sector action while simultaneously providing direction for complementary private-sector decisions. The Plan and its guidelines serve as a tool to evaluate new development proposals, direct capital improvements, and to guide public policy in a manner that ensures North Beach continues to be the community that its residents want it to be. **Role: Lead Principal**

e.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm **X**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Pam Stacy	**Town Planner**	**15 years**	**9 year**

15. FIRM NAME AND LOCATION *(City and State)*
The Image Network, Inc. d/b/a Dover, Kohl & Partners – Coral Gables, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
University of Miami, Coral Gables, FL - Master of Arch. in Suburb and Town Design **University of Miami, Coral Gables, FL – Bachelor of Architecture**	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Certified Charrette Planner, National Charrette Institute
Accredited Member, Congress for the New Urbanism

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
SEVEN50, THE PROSPERITY PLAN FOR SOUTHEAST FLORIDA, (Florida)	PROFESSIONAL SERVICES **2014**	CONSTRUCTION *(If Applicable)*
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm **X**	

Seven50 is the plan for the seven counties of Southeast Florida for the next fifty years. The region includes 121 municipalities and over six million people. Plan creation involved over 5,000 people participating in a series of regional summits and local workshops and over one million people via an interactive website. Pamela was a primary coordinator for all public events and was the principal editor of the Seven50 Prosperity Report. Seven50 was funded by the US Office of Sustainable Housing and Communities and was featured on *National Public Radio* and in The *New York Times*. **Role: Town Planner / Event Coordinator / Final Report Editor**

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
North Miami Beach Master Plan, (Miami Beach, FL)	PROFESSIONAL SERVICES **2015**	CONSTRUCTION *(If Applicable)*
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm **X**	

Dover, Kohl & Partners led a multi-disciplinary team to create a Master Plan for the North Beach District of Miami Beach and recommend an economic and revitalization strategy. Plan NoBe provides the basis for public policy in the North Beach area of the City of Miami Beach regarding physical development. Plan NoBe establishes priorities for public-sector action while simultaneously providing direction for complementary private-sector decisions. The Plan and its guidelines serve as a tool to evaluate new development proposals, direct capital improvements, and to guide public policy in a manner that ensures North Beach continues to be the community that its residents want it to be. **Role: Town Planner / Final Report**

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
EL PASO COMPREHENSIVE PLAN (El Paso, Texas)	PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm **X**	

Pamela assisted in and managed the production of over 250 square acres in El Paso while working on the Comprehensive Plan for the City. Pamela was the primary writer for the Urban Design Element and head editor for the overall document. Connecting El Paso Plan was a first step in the comprehensive planning initiative and was unanimously approved by the El Paso City Council and was awarded a 2011 National Award for Smart Growth Excellence by the US Environmental Protection Agency. The complete comprehensive plan has been submitted to the City for estimated approval by May 2012. **Role: Town Planner**

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
JAMESTOWN MALL AREA PLAN (St. Louis, Missouri)	PROFESSIONAL SERVICES **2010**	CONSTRUCTION *(If Applicable)*
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm **X**	

Jamestown Mall, located in north St. Louis County is in decline. As project director, Pamela led the team in an effort to find ways to redevelop the mall property in a way that is sustainable and a benefit to the surrounding community. The area plan shows the transformation of the mall parking fields into a diverse walkable, mixed-use village center. **Role: Project Director**

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
WEST FAIRVIEW AVENUE (Montgomery, Alabama)	PROFESSIONAL SERVICES **2010**	CONSTRUCTION *(If Applicable)*
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm **X**	

The plan proposes transforming the avenue, an auto-dependent strip of commercial uses, into a “main street” with pedestrian provisions like sidewalks, street trees, benches, awnings and on-street parking and encouraging a greater variety of street-oriented civic and retail uses. The plan was designed in conformance with the City’s existing form-based code overlay for ease of implementation and included a Transect map for the study area. Pam served as project manager for this effort. **Role: Project Manager**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Kenneth Garcia	**Town Planner**	**10 years**	**10 years**

15. FIRM NAME AND LOCATION *(City and State)*
The Image Network, Inc. d/b/a Dover, Kohl & Partners – Coral Gables, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Andrews University, Berrien Springs, MI – Master of Architecture **Andrews University, Berrien Springs, MI – Bachelor of Science in Architecture**	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Member, Congress for The New Urbanism
Certified Charrette Planner, National Charrette Institute

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Capitol Corridor Plan – Lansing, MI

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: **2014**
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm

The Capitol Corridor plan extends approximately 19-miles from the capitol building to the town of Webberville. Spanning 10 municipalities, the corridor transverses cities, towns and countryside. The resulting plan outlines a vision to guide future growth, change and preservation in the corridor; it also provides recommendations for municipalities and key stakeholders to carry these ideas to implementation. **Role: Project Manager / Town Planner**

b.

(1) TITLE AND LOCATION *(City and State)*
Water Campus Master Plan – Baton Rouge, LA

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: **2014**
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm

Working for the Baton Rouge Area Foundation, Dover-Kohl led the initial design of the 30 acre campus that will be the new home of The Water Institute of the Gulf. The campus is expected to grow into a major center for the science and research of river deltas. The Water Campus' walkable streets, public spaces and urban buildings will be a major step toward fostering a better connection between downtown Baton Rouge, the Mississippi River, and Lansing State University.**Role: Project Director / Town Planner**

c.

(1) TITLE AND LOCATION *(City and State)*
Plan El Paso – Comprehensive Plan for the City of El Paso, TX

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: **2012**
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm

In 2010 the City of El Paso commissioned Dover, Kohl & Partners to create a detailed Comprehensive Plan and regional-scale Future Land Use Map for the city. The Comprehensive Plan is an overarching policy document that directs the City of El Paso in its implementation of consensus-based goals created through an extensive public process. The goals, objectives, and strategies of the plan involve all aspects of City administration and community life: land use, urban design, historic preservation, economic development, housing, transportation, health, sustainability, infrastructure, public facilities and services, international coordination, and Fort Bliss Army Base relations. The Plan El Paso Comprehensive Plan process was interactive and bilingual, and included two three-week charrettes in multiple areas throughout the city. **Role: Town Planner / Iluustrator**

d.

(1) TITLE AND LOCATION *(City and State)*
City of Bradenton Form Based Code

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: **2010-11**
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm

In 2010, the City hired Dover, Kohl & Partners to lead a public process, the goal of which was the creation of a form-based code implementing the community's goals of revitalization, sustainability, and preservation of community character. Dover Kohl & Partners asked citizens and stakeholders to perform urban design surveys and measure parts of the city that embody the walkable, attractive, and enduring character of Bradenton. Next, Dover Kohl & Partners helped the citizens to use the metrics that they extracted in the first exercise to demonstrate how to repair eroded portions of the city, and propose infill and redevelopment. The drawings and documents that resulted became the basis for the content of the form-based code. This exercise was an innovation to the usual charrette process. **Role: Town Planner / Illustrator**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Michael Kroll, RLA, FASLA	**Quality Control/ Landscape Architecture**	31	29

15. FIRM NAME AND LOCATION *(City and State)*
Miller Legg, Ft. Lauderdale, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Bachelor of Landscape Architecture, Landscape Architecture
Graduate Studies, Urban and Regional Planning

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
FL, Registered Landscape Architect
TX, Registered Landscape Architect
Fellow American Society of Landscape Architects

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
During his extensive career, Mr. Kroll, President of Miller Legg, has been actively involved in projects ranging from campus-wide educational facilities to international urban redevelopment projects. Mr. Kroll's diverse professional experience has led to projects that successfully integrate engineering, environmental, planning and landscape architectural services. Under his leadership, Miller Legg develops project solutions that respond to the natural environment, respect the social fabric and create sustainable aesthetic spaces.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
City of Hollywood CRA Planning, Landscape Architecture, Civil & Traffic Engineering Consultant
Hollywood, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-In-Charge/Project Manager: Miller Legg is providing professional planning, landscape architecture, civil and traffic engineering services for a variety of public works projects. Services include: urban planning, landscape architecture, civil and traffic engineering, programming and scheduling, observations, feasibility studies, cost estimates, design services, construction and bid documents, permitting, construction administration, review of work prepared by other professional consultants, engineering analysis, field tests and laboratory tests.

b.

(1) TITLE AND LOCATION *(City and State)*
City of Dania Beach CRA Landscape Architecture & Engineering
Dania Beach, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-In-Charge: Miller Legg was awarded landscape architecture and engineering continuing services contracts by the City of Dania Beach Community Redevelopment Authority (CRA) in 2009. The wide range of possible projects and services anticipated under this include master planning and urban design, roadway, street and Florida Friendly streetscape design, parks and recreational facilities, surveying, parking lot construction, community interaction and facilitation of development projects. The firm has conducted traffic review projects under this contract.

c.

(1) TITLE AND LOCATION *(City and State)*
City of Coconut Creek Copans Road Median Landscape Architecture Plans
Coconut Creek, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-In-Charge: For this median improvement project along Copans Road between Lyons Road and the Florida Turnpike Overpass, Miller Legg provided landscape, hardscape and irrigation design plans, surveying, permitting, pre-construction and construction observation services to the City.

d.

(1) TITLE AND LOCATION *(City and State)*
City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue
Miramar, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2013	2014

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-In-Charge: City of Miramar's Improvement project was a Local Agency Program (LAP)-funded revitalization project from Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length and included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation.

e.

(1) TITLE AND LOCATION *(City and State)*
City of Pembroke Pines Streetscape Design Guidelines
Pembroke Pines, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2012	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-In-Charge/Project Manager: Miller Legg worked on the City of Pembroke Pines city wide Streetscape Master Plan which also included the creation of context sensitive design guidelines for the roadway corridors throughout the City including accommodations for mobility. This Master Plan looked at both the corridor segment and intersection component. Corridor segment components included: median plantings, 'Side of Road' (along the right-of-way or street edge) plantings, street trees and specialty plantings. Intersection segment components included: Median nose treatments, crosswalks, expanded pedestrian plazas at the corners, specialty items and icons.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Brian Shore, RLA	**Senior Landscape Architect**	a. TOTAL: 17	b. WITH CURRENT FIRM: 17

15. FIRM NAME AND LOCATION *(City and State)*
Miller Legg, Ft. Lauderdale, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Bachelor of Science, Landscape Architecture

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
FL, Registered Landscape Architect
FL, FDOT Intermediate Maintenance of Traffic

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
As a Senior Landscape Architect, Mr. Shore has significant experience in landscape architectural design and landscape construction services for a variety of public and private projects. Specialties include landscape, hardscape, and irrigation design services for streetscape and roadway projects including the Florida Department of Transportation (FDOT), all aspects of active and passive park design, health-care campuses, and environmental wetland habitat creation. Other experience includes various residential and commercial projects.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Town of Lauderdale By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements
Lauderdale By-the-Sea, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES:
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Senior Landscape Architect: Under the firm's Continuing Services Contract, Miller Legg will provide design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. in the Town of Lauderdale-By-The-Sea. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.

b.

(1) TITLE AND LOCATION *(City and State)*
City of Cocoa Beach CRA Minutemen Causeway
Cocoa Beach, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If Applicable)*: 2016

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Senior Landscape Architect: Miller Legg provided surveying, landscape architecture and civil engineering design for a Florida Friendly streetscape beautification and stormwater improvement plan for a portion of Minutemen Causeway located within the Community Redevelopment Area (CRA) of the City of Cocoa Beach. The project consisted of significant landscape beautification and geometric modifications to the corridor to promote a pedestrian friendly environment and to stimulate economic development. The survey services provided included design/topographic surveying, GPS, Digital Terrain Map (DTM) and underground utility designation services. We also provided permitting services for a Coastal Construction Control Line (CCCL). The entire project was a City pilot program for Low Impact Design (LID) and Best Management Practices (BMPs) for stormwater management which realized significant funding from the State.

c.

(1) TITLE AND LOCATION *(City and State)*
City of Coconut Creek SR 814/Atlantic Boulevard Landscape Beautification Improvements
Coconut Creek, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager: Under the firm's Continuing Services contract for Landscape Architecture services, Miller Legg provided context sensitive landscape beautification improvements to this roadway corridor from west of Lyons Road to the Florida Turnpike on an expedited basis. Services included landscape architecture, hardscape, irrigation, water use permitting, construction observation, traffic control and surveying services. We also facilitated the plans for execution of agreements and provided coordination with FDOT District 4 and Florida's Turnpike Enterprise.

d.

(1) TITLE AND LOCATION *(City and State)*
City of Coral Springs SR 869/Sawgrass Expressway Gateway Improvements
Coral Springs, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2009
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager: This project involved gateway landscape enhancements at the following interchanges to SR 869/Sawgrass Expressway at Atlantic Blvd., Sample Road, Coral Ridge Drive and University Drive in the City of Coral Springs. Services included: Florida Friendly landscape architecture design, irrigation design and construction observation. This project was partially funded through Florida's Turnpike Enterprise as a follow-up completion of the Sawgrass Expressway.

e.

(1) TITLE AND LOCATION *(City and State)*
City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue
Miramar, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If Applicable)*: 2014

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape Architect: City of Miramar's Improvement project was a Local Agency Program (LAP)-funded revitalization project from Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length and included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Nelson Perez	**Landscape Designer**	11	11

15. FIRM NAME AND LOCATION *(City and State)*
Miller Legg, Ft. Lauderdale, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Bachelor of Landscape Architecture, Landscape Architecture

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
FL, FDOT Intermediate Maintenance of Traffic

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Perez is a Landscape Designer responsible for landscape architectural design for a variety of public and private projects including roadway landscaping and irrigation, active and passive park landscape design, as well as residential and commercial projects.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Town of Lauderdale By-the-Sea Poinciana/Bougainvillea Roadway and Parking Improvements
Lauderdale By-the-Sea, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape Designer: Under the firm's Continuing Services Contract, Miller Legg will provide design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. in the Town of Lauderdale-By-The-Sea. Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.

b.

(1) TITLE AND LOCATION *(City and State)*
City of Coconut Creek Copans Road Median Landscape Architecture Plans
Coconut Creek, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape Designer: For this median improvement project along Copans Road between Lyons Road and the Florida Turnpike Overpass, Miller Legg provided landscape, hardscape and irrigation design plans, surveying, permitting, pre-construction and construction observation services to the City.

c.

(1) TITLE AND LOCATION *(City and State)*
City of Miramar - Miramar Parkway LAP Streetscape Improvements from 62nd to 64th Avenue
Miramar, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2013	2014

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape Designer: City of Miramar's Improvement project was a Local Agency Program (LAP)-funded revitalization project from Miramar Parkway's eastern gateway segment from 62nd to 64th Avenue, approximately 1/2 mile in length and included intersection improvements, traffic signal modifications/upgrades and sidewalk and Florida Friendly landscape beautification throughout the project limits. Services provided included: surveying including topographic surveying, maintenance of traffic, underground utility designation, landscape architecture, hardscape design, drainage and stormwater permitting, design and management, lighting and electrical design, geotechnical design, traffic engineering, tree permitting and arborist services, as well as LAP coordination, permitting and submittal documentation.

d.

(1) TITLE AND LOCATION *(City and State)*
City of Miami Capital Improvement Program (CIP) Landscape Architecture Continuing Services (2013-2017)
Miami, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape Designer: Miller Legg holds a Miscellaneous Landscape Architecture Continuing Services contract for the City of Miami Department of Capital Improvements and Transportation Program. The scope of work under this contract spans all comprehensive landscape architectural professional services includes master planning of site developments and roadway beautification projects, which can encompass site and environmental analysis, landscape programming, visual impact landscape assessments, schematic and figure development for charrettes and public community meetings. Additional scope items may include design management and production of contract specifications and plans, permit approval and post-design services.

e.

(1) TITLE AND LOCATION *(City and State)*
City of Pembroke Pines Streetscape Design Guidelines
Pembroke Pines, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If Applicable)*
2012	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Landscape Designer: Miller Legg worked on the City of Pembroke Pines city wide Streetscape Master Plan which also included the creation of context sensitive design guidelines for the roadway corridors throughout the City including accommodations for mobility. This Master Plan looked at both the corridor segment and intersection component. Corridor segment components included: median plantings, 'Side of Road' (along the right-of-way or street edge) plantings, street trees and specialty plantings. Intersection segment components included: Median nose treatments, crosswalks, expanded pedestrian plazas at the corners, specialty items and icons.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
William Mohler, III, CA, CLI	**Certified Arborist**	9	4

15. FIRM NAME AND LOCATION *(City and State)*
Miller Legg, Ft. Lauderdale, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Bachelor of Science, Ecology & Biology, Minor in Geography

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
FL, FDEP Qualified Stormwater Management Inspector
FL, FDOT Intermediate Maintenance of Traffic
FL, Certified Landscape Inspector
Advanced Airport Wildlife Hazard Management
Certified Arborist
FL, Broward County Basic Tree Pruning

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Mohler is experienced in environmental document preparation, ecological monitoring and assessment, compliance monitoring, and geographic information systems (GIS). He has a comprehensive knowledge of Florida floral and faunal communities and their interactions. His training and practical experience includes lab and field experimentation, biological sample collection and monitoring, plant physiology, wildlife, avifaunal surveys, experimental design and implementation, data management, and statistical and numerical analysis. He also is a Certified Arborist.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
City of Pembroke Pines Taft St. Improvements
Pembroke Pines, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Certified Arborist: Miller Legg was on the RJ Behar team for this Taft Street Design Build project for the City of Pembroke Pines. The firm's scope of services was landscape architectural design and post design services and included the development of design and contract documents including plans and specifications. Support during the construction phase with Requests for Information and contractor submittals was also provided.

b.

(1) TITLE AND LOCATION *(City and State)*
Florida Department of Transportation (FDOT) District 4 D/W Mobility Project - 56th Avenue
Hollywood, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES:
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Certified Arborist: For a 3-mile segment along 56th Avenue in Hollywood from Pembroke Road to Stirling Road, Miller Legg is a subconsultant to Protean Design Group for this off-system project providing certified arborist review of an inventory of approximately 400 trees including species, common name, diameter, breadth and height (DBH), canopy, spread and condition. Data tables and .kmz files will be provided. To minimize impacts to tree resources, we coordinated on the health and location of trees in proximity to the proposed sidewalk alignment to determine sidewalk placement.

c.

(1) TITLE AND LOCATION *(City and State)*
Florida Department of Transportation (FDOT) District 4 D/W Mobility Projects in Hollywood/ Hallandale - 14th Avenue from Atlantic Shores Blvd. to Sheridan Street
Hollywood/Hallandale Beach, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES:
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Certified Arborist: For this 3-mile segment along 14th Avenue in the Cities of Hallandale Beach and Hollywood, we are providing miscellaneous landscape architecture services for improvements along this off-system roadway. Miller Legg is a subconsultant to Propel Engineering.

d.

(1) TITLE AND LOCATION *(City and State)*
Memorial Hospital Pembroke Parking Improvements/Tree Inventory
Pembroke Pines, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Certified Arborist: To improve significant drainage problems at the Memorial Healthcare System's Pembroke Hospital, Miller Legg is providing engineering drainage studies and design services for the campus and the associated parking areas. The project will also include resurfacing the parking areas and design of new curbing for improved drainage. These improvements will be permitted through the City of Pembroke Pines, South Broward Drainage District and South Florida Water Management District. Additional services include: Surveying, Subsurface Utility Engineering (SUE), maintenance of traffic for public and emergency vehicles, tree inventory and permitting and construction observation. Regarding the tree inventory and permitting, our Certified Arborists conducted a comprehensive tree inventory of all trees located with the footprint of the proposed multi-story parking garage. Data on over 400 trees were collected and associated attributes were identified. This contract is performed under our master engineer agreement with Memorial Healthcare System.

e.

(1) TITLE AND LOCATION *(City and State)*
Town of Davie Shenandoah HOA Tree Survey
Davie, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES:
CONSTRUCTION *(If Applicable)*:

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

[X] Check if project performed with current firm

Certified Arborist Miller Legg performed various tree and palm inventories (approximately 2,500 total) located throughout the Shenandoah neighborhood in the Town of Davie. For each of the 27 locations identified within the neighborhood, a tree inventory and evaluation was conducted to reflect data such as species, diameter at breast height, overall height, canopy spread and general health and condition as evaluated by the firm's Certified Arborists. In addition, each area was mapped utilizing aerial imagery.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Thuha Nguyen Lyew	Traffic Engineer & Transportation Planner	16	3

15. FIRM NAME AND LOCATION *(City and State)*

via planning, inc. (Fort Lauderdale, Florida)

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Master of Science in Civil Engineering; Bachelor of Science in Mechanical Engineering	Professional Engineer (Florida, Civil: Transportation);

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Professional Traffic Operations Engineer Certification; Florida Section ITE Treasurer and Membership Chair 2015-2017; Gold Coast Chapter ITE Past President; South Florida Chapter Women in Transportation Seminar Mentorship Program Chair 14-15; Florida Section ITE 2010 "Young Transportation Engineer of the Year"

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: Operational Analysis and Safety Analysis (FDOT District 4, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013 | CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Thuha has participated in many traffic operations projects, including the completion of several safety studies, PD&E studies, and Design Traffic Technical Memoranda. She has completed crash-related statistical analyses, prepared collision diagrams, proposed countermeasures, and completed safety reports. She has taken part in a number of micro-simulation projects all over Florida and has performed reviews of micro-simulation projects along I-75, I-595, and I-95.

b.

(1) TITLE AND LOCATION *(City and State)*: Complete Streets (FDOT District 4, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: | CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Serving as an extension of FDOT District 4 Planning & Environmental Management (PLEM) staff, Thuha has been an active member of the Lane Elimination review team. She participated in the revision of FDOT District 4 Lane Elimination process improvement, has been reviewing each and every one of the applications and supported documents. She's also working on the primavera lane elimination review schedule and assisting with the candidate identification task.

c.

(1) TITLE AND LOCATION *(City and State)*: Feasibility and Special Studies (FDOT District 4, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: | CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Under the FDOT District 4 Systems Planning contract, Thuha has been leading the Lane Elimination procedure refinement on behalf of District 4's Planning Office. Under FDOT District 4 Office of Modal Development contract, Thuha participated in a number of multi-modal planning activities, including the bi-annual HOV Monitoring Project along I-95, and Broward County Downtown Terminal passenger survey.

d.

(1) TITLE AND LOCATION *(City and State)*: Travel Demand Modeling (FDOT District 4, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: | CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Thuha is an active member of the FDOT District 4 Travel Demand Modeling task force, and she has conducted multiple travel demand modeling projects in South Florida. For example, she assisted the FDOT District 4 Planning Office and the Regional Planning Council with the South Florida hurricane evacuation modeling project. She also prepared the 2030 Broward County model update for distribution.

e.

(1) TITLE AND LOCATION *(City and State)*: Interagency Coordination and Public Engagement (FDOT District 4, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: | CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Thuha has participated in numerous public engagement activities (including neighborhood outreach efforts, community engagement workshops, town hall meetings, and public hearings) as a part of the development of Transit Development Plans, Long Range Transportation Plans, and PD&E studies. She has served as a meeting organizer, a technical presenter, a newsletter reviewer, a team leader, and a workshop facilitator.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Shing Tsoi	Traffic Engineer & Transportation Planner	9	1

15. FIRM NAME AND LOCATION *(City and State)*

via planning, inc. (Fort Lauderdale, Florida)

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Master of Science in Transportation Engineering; Bachelor of Engineering in Civil Engineering	Professional Engineer (Florida, Civil: Transportation);

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Professional Traffic Operations Engineer (PTOE) Certification; International Municipal Signal Association Traffic Signal Field and Bench Technicians Level II; Institute of Transportation Engineers (ITE) Member; Gold Coast Chapter ITE Secretary

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: FDOT D4 Transportation Systems Management and Operations (TSM&O) Contract - Young Circle Data Collection Plan (FDOT District 4, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Shing was involved in various tasks under the FDOT D4 TSM&O Contract, including development of a data collection plan to address traffic oversaturation issues at Young Circle in Hollywood. Shing conducted literature review, identified locations of existing FDOT surveillance cameras, and prepared actionable data collection forms and plans, as well as conducted trial data collection with staff in the Broward County Traffic Management Center.

b.

(1) TITLE AND LOCATION *(City and State)*: Hickory Street Complete Streets Signing and Pavement Marking and Signal Modification, and Landscape Design (Melbourne, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Shing served as the Engineer of Record for developing the signing and pavement marking plans with signal modification elements and the landscape plan, including roundabout signing and pavement marking, rectangular rapid flashing beacons (RRFBs) at midblock crossings and improved landscape, as part of the Hickory Street Complete Street improvement under the Local Agency Program (LAP) between FDOT and City of Melbourne, Florida.

c.

(1) TITLE AND LOCATION *(City and State)*: City of Fort Lauderdale Traffic Engineering Services (Fort Lauderdale, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Shing provided support for City of Fort Lauderdale Transportation and Mobility Department on various traffic engineering analyses and review services, including traffic operation analysis to evaluate road diet on NE 13th Street in Fort Lauderdale, and traffic review services for developments in Fort Lauderdale.

d.

(1) TITLE AND LOCATION *(City and State)*: City of Hallandale Beach Traffic Study Review (Hallandale Beach, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Shing was the project manager and worked side-by-side with City of Hallandale Beach staff to provide traffic study review support on multiple development projects. Shing provided support in traffic methodology development, site plan review, traffic circulation review, parking supply review, and consideration of multi-modal facilities near the development.

e.

(1) TITLE AND LOCATION *(City and State)*: University Drive Mobility Improvements Corridor Planning Study (Broward County, Florida)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2015 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Shing developed congestion management strategies and explored transit alternatives on the 23-mile stretch of University Drive in Broward County. Shing led the traffic analysis portion of the project, developed future traffic volumes, and identified near-term and long-term improvements such as signal retiming, phasing changes, turn lane elimination, etc. in support of the pedestrian, bicycle and transit focus of the corridor.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Oracio Riccobono, P.E.	Geotechnical Engineer	A. TOTAL 31	B. WITH CURRENT FIRM 17

15. FIRM NAME AND LOCATION *(City and State)*

GEOSOL, Inc.; 5795-A NW 151st Street, Miami Lakes, FL 33014

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Civil Engineer (BSCE, 1983), Master Degree (MSCE in Geotechnical Engineering, 1985) at Louisiana State University and Master in Business Administration (MBA, 2000) at Florida International University	Registration No. 49324 (Florida, Civil Engineering)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Civil Engineers
Florida Engineering Society

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
Areawide and Districtwide Geotechnical Consultant, FDOT Districts 4 and 6, over from Monroe to Osceola Counties	PROFESSIONAL SERVICES 2012 – 2017	CONSTRUCTION *(If applicable)* N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Project Geotechnical Engineer responsible for negotiating each task work orders (TWO), planning the geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering reports with foundation design and construction recommendations for new and existing roadway projects during Preliminary and Final Design phases. Project has budget cap of $1.50 millions. To date, we have successfully executed 120 TWO and have spent $1.49 millions.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
City of Doral Tile District Drainage Study, Doral, FL	PROFESSIONAL SERVICES 2014	CONSTRUCTION *(If applicable)* N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Project Geotechnical Engineer for the drainage study to identify improvements to reduce recurring flooding in a low-lying commercial area. Responsibilities included compilation of existing geotechnical exploration including soil and water sampling to screen for volatile organics, ammonia, metals, lead, aluminum, and iron; delineation of areal extent of undocumented landfill dumping activities and contamination; conceptual design of alternatives; responsible for planning geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering report with foundation design and construction recommendations.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
City of Doral Basin H-8 Drainage Improvements Doral, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION *(If applicable)* 2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Project Geotechnical Engineer Responsibilities included geotechnical exploration, and identification of utility conflicts as well as planning the geotechnical exploration and laboratory testing programs, preparation of the geotechnical engineering report for exfiltration trench design.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
SR 826 over NW 25th Street Viaduct, Doral, FL, *FDOT District 6.*	PROFESSIONAL SERVICES 2011 - 2013	CONSTRUCTION *(If applicable)* 2011 - 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Project Geotechnical Engineer responsible for planning geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering report with foundation design and construction recommendations for the new bridge and retaining walls. Geotechnical fees were $250,000

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
J.C. Bermudez Park Recycled Stormwater Irrigation Project. Doral, FL	PROFESSIONAL SERVICES 2010	CONSTRUCTION *(If applicable)* 2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Project Geotechnical Engineer responsible for planning geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering report with foundation design and construction recommendations for design of irrigation system for the 80-acre park. Major components included emergency lake intake structure, 2 MG above ground storage tank, 3,000 gpm storm water pump station, 130 micron disk filters with automatic backwash, bleach disinfection system, 1,400 gpm irrigation pumps, 8,000 feet of 12-inch diameter looped main, and irrigation system.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Rubel Siddique, P.E.	**Principal Roadway Engineer**	a. TOTAL **15**	b. WITH CURRENT FIRM **4**

15. FIRM NAME AND LOCATION *(City and State)*

SSN ENGINEERING, LLC, Pompano Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS Civil Engineering, Bangladesh University of Engineering and Technology (BUET), 1998 MS Civil Engineering, University of Texas at Arlington, 2004	Professional Engineer, Florida No. 67239

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Civil Engineers, Member, Institute of Transportation Engineers, Member

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **City of Fort Lauderdale Citywide Wayfinding Signage Structural Details – Sign & Post** Palm Beach County, Florida

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016; CONSTRUCTION *(If applicable)*: Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Structural EOR responsible for the design and detailing of structural components for the Wayfinding signs and poles. Directed design and project engineers, as well as all CAD technicians in producing the construction documents (plans and details). Supervised Structural Design & Analysis of the signs, poles and foundations using governing codes & Methods such as AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals 6th Edition 2013 (LTS-6), FDOT Modification to LTS-6, Aluminum Design Manual (ADM) by the Aluminum Association and also based on Standards, Engineering formulas, Skills & Experience.

b.

(1) TITLE AND LOCATION *(City and State)*: **Cairo Lane and NW 127th Street Improvements, Miami-Dade, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016; CONSTRUCTION *(If applicable)*: Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

This was over a Five Million dollars ($5,000,000) design build project for approximately one (1) mile roadway. The scope includes reconstruction of Cairo Lane and NW 127th Street, Drainage System Installation, Water Distribution System, and Sewer Distribution System. Analyzed the existing site condition and recommended Concrete pavement for poor sub-surface condition. As the lead Design Engineer and Engineer of Record, prepared the contract documents including roadway plans, typical section, signing and pavement marking plans, construction details, maintenance of traffic plans, permits, drainage design, utility coordination, final quantities and estimates, final plan submission reviews, and supervision of drafting personnel. Project also included intersection improvement at cross streets, shoulder and sidewalk enhancements and proposed/replaced new signs as per the 3R safety report.

c.

(1) TITLE AND LOCATION *(City and State)*: **Burlington Street Improvement from NW 27th Ave to Opa-locka Blvd Miami-Dade, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013; CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

As the Lead Design Engineer and Engineer of Record, provided design improvements of existing roadway elements. Prepared Typical Section package, pavement design package, 3R report, design variations as per the current FDOT standard. The project includes intersection improvement for slope correction, drainage system improvement, pavement signing and marking. The project entails streetscape improvements such as pavement reconstruction and/or widening, roadway milling and resurfacing, damaged curb and gutter replacement, damaged sidewalk replacement, new ramp construction and existing ramp correction.

d.

(1) TITLE AND LOCATION *(City and State)*: **Rutland Street Roadway and Drainage Improvements, Miami-Dade, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2012; CONSTRUCTION *(If applicable)*: 2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

As the lead Design Engineer and Engineer of Record, provided engineering and permitting services for RRR improvements for this two-lane undivided road section. Proposed work includes milling and resurfacing, drainage improvement with exfiltration trench and drainage swale on the shoulder on both sides of the roadway, safety upgrades, and signing and pavement marking improvements.

e.

(1) TITLE AND LOCATION *(City and State)*: **NW 128th Street Roadway and Drainage Improvements Miami-Dade, Florida**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013; CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Provided Engineering Professional Services for drainage improvements and roadway reconstruction for NW 128th Street in Miami-Dade County. Project tasks included designing new drainage systems, prepared roadway plan and profile, typical section, signage and pavement marking plans, construction details, traffic controls plans, cost estimates, etc.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
MD Shahinur Rahman, PE, PMP	**Roadway Engineer**	**13**	**1**

15. FIRM NAME AND LOCATION *(City and State)*

SSN ENGINEERING, LLC., Pompano Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS Civil Engineering, Bangladesh University of Engineering and Technology (BUET), 1998	Professional Engineer (CA), PMP

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Civil Engineers, Member

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **SR 997/Krome Avenue From Mm 16.933 To Mm 1.145, Miami, Florida**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2009	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Krome Avenue (6.625 miles) reconstruction project in Miami-Dade County, Florida. The existing Krome Avenue is a rural two lane undivided highway. The proposed project includes widening of the existing roadway to a four lane divided roadway along with turn lanes, driveway access, Tamiami Canal Bridge widening, and roadway intersections improvements. Served as project engineer and Duties included are Drainage System Design, Drainage Report preparation, Pavement Selection report produce, Roadside swale, median swale design, Exfiltation trench design, Spread analysis, Shear Path design, and Permitting.

b.

(1) TITLE AND LOCATION *(City and State)*: **US-1 From South Of SW 112th Avenue To North Of SW 184th Street/ Eureka Drive**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

The project is along SR 5/US-1,from south of SW 112th Avenue to north of SW 184th Street/ Eureka Drive, in Miami Dade County, Florida for this Resurfacing, Restoration and Rehabilitation (3R) project with no proposed roadway widening. The scope includes the milling and resurfacing of the asphalt pavement of the road, ADA upgrades, pedestrian signal updates, replacement of damaged inlet tops, repair of drainage leaks if present, replacement of existing sidewalk and curb and gutter where needed.

c.

(1) TITLE AND LOCATION *(City and State)*: **SR 710 (Beeline Highway) From West Of Congress Avenue To West Of Australian Avenue (Project B), FDOT District Four**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2006	2008

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

The project consists of the addition of two new lanes to provide a four-lane divided urban section. Client: FDOT District Four; Contact: John Thompson; Phone: (954) 777-4680; Begin Date: 2003; End Date: Ongoing; Length of Corridor: 2 miles. Served as project engineer (Drainage) and Duties included are Roadway cross sectional analysis, Costal impact analysis, Pond design, Culvert design.

d.

(1) TITLE AND LOCATION *(City and State)*: **SR 710 (Beeline Highway) From West Of Australian Avenue To Old Dixie Highway, (Project C), FDOT District Four**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2008	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

The project consisted of the addition of two new lanes to provide a four-lane divided urban section on SR 710 and the addition of a frontage road along the section. Client: FDOT District Four; Contact: John Thompson; Phone: (954) 777-4680; Begin Date: 2003; End Date: Ongoing; Length of Corridor: 1.5 miles. Served as project engineer (Drainage) and Duties included are Roadway cross sectional analysis, Concept of using dual system pond, Pond design, Culvert design, Control structure design, Drainage.

e.

(1) TITLE AND LOCATION *(City and State)*: **MDX Design Engineering For SR 874 From Kendall Drive To SR 826, Miami, Florida**

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2010	2011

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

While working with Kimley-Horn, was providing design engineering services for SR 874 (Don Shula Expressway) roadway modifications from south of SW 88th Street (Kendall Drive) to south of SR 826 (Palmetto Expressway)/SR 874 interchange. Served as project engineer (Drainage) and Duties included are Miami Dade county C-2 and C-3 drainage basin analysis, Developing concept of using different tail water for ground water and surface water in same model, Pond design, Culvert design, Control structure design, Drainage model for entire roadway drainage system.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **1**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Hollywood Blvd. Complete Streets **Hollywood, FL**	**2017**	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
FDOT District 4	**Betsy Jeffers**	**954.777.4061**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The City was awarded a grant for approximately $6.8 million with the condition that the design incorporates various elements of "complete streets". For this project, FDOT used a multimodal approach to roadway planning – instead of widening the street for vehicles, they recommended improvements to create a livable community that is safe for biking, walking, and transit. New design integrates place-making design concepts that bring mixed use and creates a street that is safe and comfortable for children, wheelchair users, and sidewalk retailers.

Proposed improvements include:

New paving, striping and surface drainage configuration

New ornamental plantings along the corridor (trees, palms, flowering shrubs and groundcover). New pedestrian crosswalks with center refuge median and center walkway spline, including new pedestrian scale lighting, new colored concrete walks,safer parking configuration, new 5-foot wide bike lanes with buffer zone, and new American with Disabilities Act-compliant (ADA) parking spaces and accessible ways.

MARLIN's Roadway Design Department was responsible for signals, decorative lighting, signing and pavement markings, and coordinating with FDOT District 4 in-house design staff.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME **Marlin Engineering, Inc.**	(2) FIRM LOCATION (City and State) **Miami / Fort Lauderdale, FL**	(3) ROLE **Roadway Design, Traffic Engineering, Civil Engineering, Survey, Construction Administration**
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **2**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
NE 13 Street Complete Streets **Fort Lauderdale, FL**	**2017**	**2017**

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
City of Fort Lauderdale	**Christine Fanchi**	**954.828.5226**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Located within the Central City CRA, the NE 13th Street Complete Streets Project aims build an environment that accommodates access and travel for all community members. The project includes lane reductions, bike lanes, enhanced crosswalks, pedestrian scale street lights, on-street parking, landscaping, and ADA improvements. The project is contained within NE 13th Street between NE 4th Avenue and NE 9th Avenue.

The project is operating in conjunction with the Fast Forward Fort Lauderdale 2035 Vision Plan and Press Play Fort Lauderdale 2018 to foster a more closely interwoven community in Fort Lauderdale brought together by multi-modal transportation. The project also includes a business district among other features that encourage pedestrian-friendly activities, improve safety, facilitate economic development, and plant the seed for a healthier environment. The City of Fort Lauderdale is implementing Complete Streets roadway projects across the city.

MARLIN was tasked with performing Public Information Outreach (PIO) services to the public during the construction phase of the project. PIO services required for the consultant to have a firm grasp of Complete Streets to both educate the surrounding community of how to navigate roundabouts safely and why they make streets safer for all modes of transportation.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	**Marlin Engineering, Inc.**	**Miami / Fort Lauderdale, FL**	**Public Involvement, Complete Streets**
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **3**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
General Engineering Consultant **Miami Lakes, FL**	**Ongoing**	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
Town of Miami Lakes	**Carlos Acosta**	**305.512.7129**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

MARLIN serves as General Engineering Consultant to the Town of Miami Lakes providing civil and traffic engineering as well as survey services for a variety of projects including roadway reconstruction and improvements, drainage improvements and utility coordination.

Featured Projects

NW 82nd Avenue and Oak Lane. Redesign of NW 82nd Avenue and Oak Lane based on safety study recommendations. Included roadway median design, adding pavement marking and signage, and restriping and reconfiguring existing crosswalks to comply with ADA requirements. MARLIN is responsible for design, survey, utility coordination and construction administration.

Bicycle and Pedestrian Improvements. Sidewalk and crosswalk complete streets improvements along each side of the existing typical section of four selected corridors in the Town of Miami Lakes. The sidewalk improvements will be in accordance with ADA requirements. Since this is a LAP approved project, MARLIN will coordinate with FDOT on the development of the NEPA documentation required for this project.

Traffic Operation and Mobility Study. Traffic engineering services for the assessment of traffic operations and development of conceptual recommendations for safety/traffic calming improvements, as well as, performing a feasibility study for the relocation of a community guard gate.

Miscellaneous Streetscape Improvement. As part of the Town's Beautification Master Plan, MARLIN provided design services for streetscape improvements consisting of the installation of paver treatments at various locations, including gateways and specific intersections (unsignalized and signalized), as well as the application of pavement markings. Our team prepared the construction documents which included three design typical design alternatives and provided interagency coordination.

West Lakes Drainage Improvements. MARLIN provided design services for this drainage improvements project which consisted of the replacement of existing catch basins, the addition of manholes, new pipes and French Drains. Milling and resurfacing of roadway as well as replacement of existing signing and pavement markings were also part of this project.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME **Marlin Engineering, Inc.**	(2) FIRM LOCATION (City and State) **Miami / Fort Lauderdale, FL**	(3) ROLE **Project Management, Design, Environmental, Transportation Planning, Traffic Engineering, Civil Engineering, Survey, Public Involvement, CA**
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **4**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
General Engineering Consultant **South Miami, FL**	**Ongoing**	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
City of South Miami	**Aurelio Carmenates**	**305.403.2063**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

MARLIN is providing Professional Planning and Engineering services to the City of South Miami. Services include: roadway design; civil engineering; transportation planning, environmental engineering; traffic engineering; surveying, community outreach and construction administration and inspections.

Featured Projects

West and South Pinecrest Villas Area Wide Traffic Calming Master Plan and Design. Prepared an area-wide traffic calming master plan. The study reflected traffic calming measures in an effort to reduce or eliminate cut-thru traffic and speeding within the neighborhood. Analyzed local traffic patterns based on Miami-Dade County Traffic Flow Modification guidelines and standard procedures Existing traffic conditions at critical locations and roadway segments were addressed by proposing appropriate countermeasures. MARLIN also met with residents to provide them with an opportunity to identify the existing traffic issues within the study area and to provide direction for the study's focus.

Tasks included: field review and inventory, traffic data collection, determination of critical locations, traffic calming analysis, preparation of a recommendations, County approval and permitting.

Following the master plan, MARLIN prepared the design of final construction plans and technical specifications, including obtaining necessary permits from MDPWD as well as provided post design services including preparation of bid documents and construction inspection services.

Citywide Green Sharrows. The City wants to provide the community with sustainable, safe and effective alternatives to personal motorized vehicles. To improve mobility and encourage safer driver's behaviors, the City tasked MARLIN to develop a design and prepare construction documents for the installation of Citywide Neighborhood Greenway and Sharrows as identified in the South Miami Intermodal Transportation Plan.

SW 64 Street Bicycle Lanes. Design services for the installation of bicycle lanes with separation from the travel lanes in each direction along SW 64th Street from SW 62nd Avenue to SW 57th Avenue (Segment 1) and Installation of shoulders (designated bicycle lane) adjacent to the main travel lanes in each direction along SW 64th Street from SW 69th Ave to SW 57th Ave (Segment 2). MARLIN is providing Project Management, Roadway and Drainage Design, Utility Coordination, Permitting and Construction Administration and Inspection services.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME **Marlin Engineering, Inc.**	(2) FIRM LOCATION (City and State) **Miami / Fort Lauderdale, FL**	(3) ROLE **Project Management, Design, Transportation Planning, Traffic Engineering, Civil Engineering, Survey, Environmental, Public Involvement, Construction Administration**
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **5**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Cocoa Beach Gateways Master Plan **Cocoa Beach, FL**	**2010-2011**	**N/A**

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
City of Cocoa Beach, FL	**Zachary Montgomery, Mayor**	**321.868.3297**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Cocoa Beach is emerging from a period of limited development and growth. The City hired Dover, Kohl & Partners, assisted by Spikowski Planning Associates, EPR, and Community Design Associates to help reverse this trend and encourage private investment to attract more visitors, businesses, sales, and, ultimately, tax revenue. The City's Charter, Comprehensive Plan and Zoning Code have intermingling development restrictions that resulted in decades of practically no development. The plan includes suggested revisions of the most stringent regulations, permitting new growth.

The Gateways Master Plan is comprised of three distinct study areas, each of which has under-utilized spaces that have the potential to become great centers of activity.

A five-day design charrette was held in January 2014 which brought together community members, community leaders, elected officials, property owners, and the design team to work together toward a common vision for Cocoa Beach. The design team helped to establish local consensus and worked with the community to see the potential that Cocoa Beach has to offer through hands-on design exercises. Forming a general consensus establishes a base for future public support which is often necessary to erase roadblocks in the regulations and enable the desired types development.

The plan was reviewed by Cocoa Beach Commissioners and was nanimously passed in June 2014. Changes to land development regulations and Comprehensive Plan are progress. Contract Amount: $202,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	**Dover, Kohl & Partners**	**Coral Gables, FL**	**Urban Designer / Planner**
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **6**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
North Miami Beach Master Plan **North Miami Beach, FL**	**2015-2016**	**N/A**

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
City of Miami Beach, FL	**Venia Pedraja Castro, EDS**	**305.673.7577**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The Project

Dover, Kohl & Partners led a multi-disciplinary team to create a Master Plan for the North Beach District of Miami Beach and recommend an economic and revitalization strategy. The project team included The Street Plans Collaborative, JSK Architectural Group, Goodkin Consulting, Chen, Moore and Associates, and ARCADIS Engineering. Plan NoBe provides the basis for public policy in the North Beach area of the City of Miami Beach regarding physical development. Plan NoBe establishes priorities for public-sector action while simultaneously providing direction for complementary private-sector decisions. The Plan and its guidelines serve as a tool to evaluate new development proposals, direct capital improvements, and to guide public policy in a manner that ensures North Beach continues to be the community that its residents want it to be. The Plan contains illustrative plans, diagrams, maps, and pictures to make concepts clear and accessible to City officials, residents, developers, community groups, and other stakeholders.

The Process

Direct community input shaped the ideas and recommendations found in Plan NoBe. The public process began in November 2015 with a kickoff session to introduce the community to the project and the consultant team. The design process centered around a Charrette an intensive, open planning process that combines hands-on community brainstorming with "designing in public." In February 2016, the team set up a week-long Open Design Studio at the Byron Carlyle Theater. Over the course of a week, the team met with more than 1,000 interested residents and stakeholders over the course of a week including property owners, neighbors, merchants, developers, environmental specialists, historic preservationists and community leaders.

Plan Principles

Five big ideas to revitalize the North Beach community emerged as part of the public process. These five consensus ideas provided an outline for Plan NoBe: make a town center, provide more mobility options, protect & enhance neighborhoods, better utilize public lands, and build to last. Contract Amount: $271,000.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME **Dover, Kohl & Partners**	(2) FIRM LOCATION (City and State) **Coral Gables, FL**	(3) ROLE **Urban Designer / Planner**
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **7**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Lauderdale-By-The-Sea Continuing Services Contract **Lauderdale-By-The Sea, FL**		

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
Town of Lauderdale-By-The-Sea	**Ralph "Bud" Bentley**	**954.640.4204**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Awarded with the Lauderdale-By-The-Sea Continuing Services Contract in 2017, Via Planning, Inc. (Via) staff has since assisted the Town with the El Mar Drive Greenway Design Project from Palm Avenue to Pine Avenue. Via staff coordinated on behalf of the Town with FDOT and Broward MPO regarding the El Mar Drive project, conducted project research and reviewed project information so that the El Mar Drive greenway design, which will be completed by FDOT, meets the needs and desires of the Town.

Total Project Cost: $3,000, with additional tasks expected in the next 5 years.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	**Via Planning, Inc.**	**Fort Lauderdale, FL**	**Traffic Engineer & Trans. Planner**
b.			
c.			
d.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **8**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Hickory Street Complete Streets Design **Melbourne, FL**	**2016**	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
City of Melbourne	**Tami Gillen**	**321.608.7311**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Via Planning, Inc. (Via) staff served as the Engineer of Record for developing the signing and pavement marking plans with signal modification elements, and the landscape plan as part of the Hickory Street Complete Street improvement under theLocal Agency Program (LAP) between FDOT and City of Melbourne, Florida. The Hickory Street Complete Street includes elements such as buffered bike lane, stamped crosswalks, raised festival street, raised pedestrian crosswalks, rectangular rapid flashing beacons (RRFBs) at midblock crossings, roundabouts, enhanced signage for pedestrians and bicycles, improved landscape, and pedestrian-scale lighting.

In addition to designing signing and pavement markings and landscape plan, Via staff designed signalization elements for relocating the impacted vehicle detection loops and pedestrian pedestals with the proposed milling and resurfacing and turn lane addition. Via staff also coordinated with the power company (FPL) on power source and designed for installation of two new rectangular rapid flashing beacons (RRFBs) at midblock crossings. Via staff developed 75%, 90%, 100% and final design plans using Microstation and FDOT CAD Workspace as well as the cost estimates using FDOT historical costs.

Total Project Cost: $300,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	**Via Planning, Inc.**	**Fort Lauderdale, FL**	**Traffic Engineer & Trans. Planner**
b.			
c.			
d.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **9**

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
City of Miami Beach Traffic Engineering Support **Miami Beach, FL**	**2010**	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
City of Miami Beach	**Xavier Falconi**	**561.243.7322**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

As a part of the traffic engineering consultant team supporting the City of Miami Beach, Via Planning, Inc. (Via) staff had participated from various traffic engineering service activities including: reviewing development applications and site plans, conducting corridor planning studies, performing intersection and corridor operational analyses, and completing parking studies. Via staff also championed the traffic calming program in the City, starting with the program development, pilot testing, evaluation criteria refinement, and finally implementation.

Total Project Cost: $10,000 to $20,000 per task, total $200,000 over 5 years.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	**Via Planning, Inc.**	**Fort Lauderdale, FL**	**Traffic Engineering**
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY No. **10**

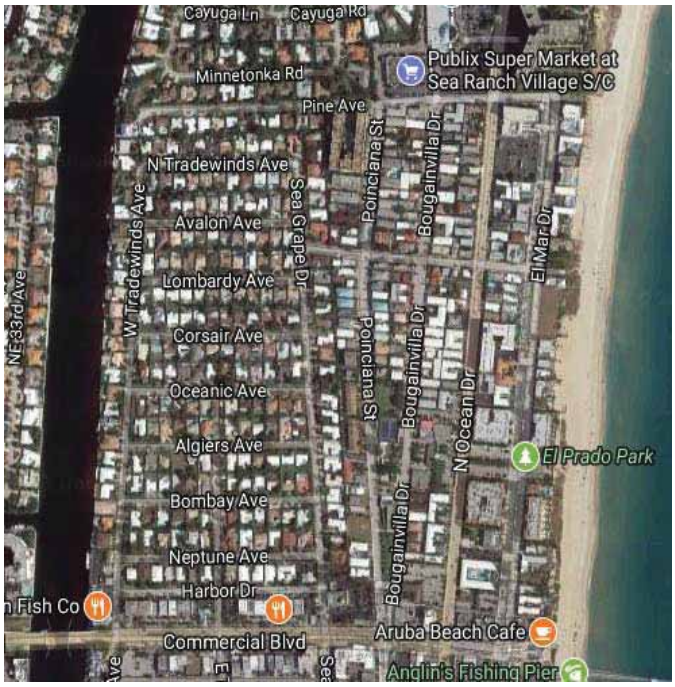
21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Town of Lauderdale By-the-Sea Poinciana / Bougainvillea Roadway and Parking Improvements, Lauderdale-By-The-Sea, FL		

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER
Town of Lauderdale-By-The-Sea	**Don Prince**	**954.640.4232**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Under the firm's Continuing Services Contract, Miller Legg will provide design and permitting services for parking, roadway and landscape architectural improvements for the Poinciana Street and Bougainvillea Drive area north of Commercial Blvd. in the Town of Lauderdale-By-The-Sea. The goal of these streetscape improvements is to alleviate roadway and parking congestion along SRA1A.

Services include: roadway and parking area design, lighting, utility coordination, permitting, landscape, hardscape and irrigation, and pre- and post-construction observation services.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME **Miller Legg**	(2) FIRM LOCATION (City and State) **Fort Lauderdale, FL**	(3) ROLE **Landscape Architecture**
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Ramon Soria, PE	Principal	x	x	x	x						
Miguel Soria, PE	QA/QC	x		x	x						
Jose Santiago, PE	Project Manager	x		x	x						
Raul Dominguez, PE	Deputy Project Manager	x		x	x						
Rafael Lagos, PE	Chief Engineer	x		x	x						
Roxana Matamoros, P.E.	Senior Roadway Engineer	x		x	x						
Elias Diaz	Senior Designer	x		x	x						
John Blankenship	Senior Designer										
German Sanchez, EI	Construction Inspector				x						
Dalila Fernandez, PE	Traffic Engineer			x	x						
Leanne Garcia, EI	Traffic Engineer Intern			x	x						
Abel Martinez, EI	Traffic Analyst			x	x						
Djemcy Limage	Traffic Analyst			x	x						
Harold Pantaleon	Sr. Engineering Technician			x	x						
Alexis Gonzalez, EI	Engineering Technician			x	x						
Julie Vers, PE	Structural Design Manager										
Barbara King-Russell, PE	Senior Structural Engineer										
Jeffrey Weidner, MSP	Chief Planner			x	x						
Jennifer Fierman, AICP, CPM	Multi Modal Planner/PIO	x	x	x	x						
Eric Katz, AICP, MURP	Strategic Planner/PIO	x	x	x	x						
Adelis Caban Acevedo	Environmental Coordinator			x							
Lazaro Fleitas, PSM	Senior Surveyor & Mapper			x	x						
Omar Carcamo	Survey Manager, CADD Technician			x	x						
Victor Dover	Principal Urban Designer/Planner					x	x				
Pam Stacy	Planner					x	x				
Kenneth Garcia	Planner					x	x				
Michael Kroll, RLA, FASLA	QC/Landscape Architecture										x
Brian Shore, RLA	Sr. Landscape Architect										x
Nelson Perez	Landscape Designer										x
William Mohler, III, CA, CLI	Certified Arborist										x
Thuha Nguyen Lyew, PE, PTOE	Traffic Engineer & Trans. Planner							x	x	x	
Shing Tsoi, PE, PTOE	Traffic Engineer & Trans. Planner							x	x	x	
Oracio Riccobono, P.E.	Geotechnical Engineer										
Rubel Siddique, PE	Civil Engineer										
MD Shahinur Rahman, PE, PMP	Civil Engineer										

29. EXAMPLE PROJECTS KEY

1	**Hollywood Blvd. Complete Streets Hollywood, FL**	6	**North Miami Beach Master Plan North Miami Beachh, FL**
2	**NE 13 Street Complete Streets Fort Lauderdale, FL**	7	**Lauderdale-By-The-Sea Continuing Services Contract Lauderdale-By-The-Sea, FL**
3	**General Engineering Consultant Miami Lakes, FL**	8	**Hickory Street Complete Streets Design Melbourne, FL**
4	**General Engineering Consultant South Miami, FL**	9	**City of Miami Beach Traffic Engineering Support Miami Beach, FL**
5	**Cocoa Beach Gateways Master Plan Cocoa Beach, FL**	10	**Town of Lauderdale By-the-Sea Poinciana / Bougainvillea Roadway and Parking Improvements, Lauderdale By-the-Sea, FL**

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

MARLIN is pleased to respond to this RFQ with a diverse team of experts to professionally serve the City of Hollywood CRA. The MARLIN team is available and committed to providing high-quality rapid responses to all work assignments under this contract and we earnestly desire to assist you. We look forward to an opportunity to further demonstrate our capabilities on this project and we ask that you consider us and give our team an opportunity to serve you.

WHY MARLIN?

- Passion for Improvement of Transportation Mode Choices
- Recent Experience working in the City of Hollywood
- Experts in Complete Streets
- Full Service Team That Can Take Projects from Beginning to End
- Deep Pool of Experts Available with Local and National Experience
- Ability to Work on Multiple Projects Concurrently
- Experience with a Solid Reputation
- New and Innovative Concepts
- Quick Response, Professional Expertise, Personnel Availability
- Committed to Quality, Schedule and Budget
- Solid Relationships at Local, County and Sate Level
- No Learning Curve!

RECOGNITION

Our work has been recognized for its planning and design excellence. Notable and recent awards received include:

Outstanding Planning Award - Village of Palmetto Bay Downtown Study

Excellence Award - Coral Gables Traffic Calming Master Plan

Project of the Year - Old Cutler Roadway Improvements

Outstanding Achievement in Public Works for Traffic Calming - City of Coral Gables, City of Miami and other locations in Miami-Dade County

Project of the Year - NW 25th Street Viaduct

Excellence Award - Cutler Bay SW 208th Street Re-Design

Project of the Year Award - Construction Management of the Biscayne Boulevard Reconstruction

Florida's Best in Construction Utility Coordination - US 441 from NW 3rd Street to NW 29th Street

Outstanding Firm of the Year - presented by Miami-Dade Branch of the American Society of Civil Engineers

Urban Project Award, Outstanding FDOT Project for Quality Construction - US-1/Biscayne Blvd. from Miami Gardens Drive to Ives Dairy Road

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	9/1/2017

c. NAME AND TITLE

Jose Quintana, Executive Vice President

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFQ CRA17-020

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (*or Branch Office*) NAME: Marlin Engineering, Inc.	3. YEAR ESTABLISHED: 1991 / 4. UNIQUE ENTITY IDENTIFIER: DUNS 80-0046054
2b. STREET: 1700 NW 66th Avenue, Suite 106	5. OWNERSHIP
2c. CITY: Fort Lauderdale / 2d. STATE: FL / 2e. ZIP CODE: 33313	a. TYPE: Corporation
6a. POINT OF CONTACT NAME AND TITLE: Jose Santiago, PE - Project Manager	b. SMALL BUSINESS STATUS: DBE, MBE
6b. TELEPHONE NUMBER: 305-477-7575 / 6c. E-MAIL ADDRESS: JSantiago@marlinengineering.com	7. NAME OF FIRM *(If Block 2a is a Branch Office)*

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	(2) BRANCH
02	Administrative	10	
08	CADD Technician	3	
12	Civil Engineer	9	
14	Computer Programmer	2	
15	Construction Inspector	1	
24	Environmental Scientist	1	
29	GIS Specialist	1	
38	Land Surveyor	2	
47	Planner: Urban/Regional	3	
57	Structural Engineer	2	
58	Technician/Analyst	17	
60	Transportation Engineer	3	
	Certified Bridge Inspectors	6	
	Bride Inspectors/Divers	7	
	Rail Specialist	3	
	Survey Crew	6	
	Other Employees		
	Total	76	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A06	Airports	2
B02	Bridges	6
C15	Construction Management	5
C16	Contruction Surveying	5
D04	Design-Build Preparation of RFPs	2
E09	Environmental Impact Studies	2
E12	Environmental Remediation	2
G04	GIS: Development, Analysis & Data Collection	5
H07	Highways; Streets; Airfield; Parking Lots	7
I06	Irrigation; Drainage	5
L02	Land Surveying	5
L06	Mapping Location/Addressing Systems	5
P05	Planning (Community, Regional, Areawide)	6
R03	Railroad; Rapid Transit	6
R06	Building, Structures, Facilities	4
S09	Structural Design; Special Structures	4
S10	Surveying; Platting; Mapping; Flood Plain	5
T03	Traffic & Transportation Engineering	7
T04	Topographic Surveying and Mapping	5
U02	Urban Renewals; Community Development	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	2
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE: 9/6/2017

c. NAME AND TITLE: Jose Quintana, PE - Executive Vice President

ARCHITECT–ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If Any): 2017.05.YG

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME: THE IMAGE NETWORK INC d/b/a Dover Kohl & Partners		3. YEAR ESTABLISHED: 1987	4. DUNS NUMBER: 194954897
2b. STREET: 1571 Sunset Drive		5. OWNERSHIP	
2c. CITY: Coral Gables	2d. STATE: Florida	2e. ZIP CODE: 33143	a. TYPE: Corporation
6a. POINT OF CONTACT NAME AND TITLE: Robert Gray, Business Development Officer			b. SMALL BUSINESS STATUS:
6b. TELEPHONE NUMBER: 305-666-0446	6c. E-MAIL ADDRESS: info@doverkohl.com		7. NAME OF FIRM *(If block 2a is branch office)*: N/A
8a. FORMER FIRM NAME(S) (If any): N/A		8b. YR. ESTABLISHED: N/A	8c. DUNS NUMBER: N/A

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL REVENUE FOR LAST 5 YEARS		
a. Function Code (see below)	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH	a. Profile Code	b. Discipline	c. Revenue Index Number *(see below)*
47	Planner: Urban/Regional	14		P05 P06 Z01	Town Planning for new neighborhoods, creating redevelopment and revitalization master plans, and re-writing zoning ordinances for existing neighborhoods, towns and cities	#8
02	Administrative	3				
Total		17				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS *(Insert revenue index number shown at right)*		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
		1. Less than $100,000	6. $2 million to less than $5 million
		2. $100,00 to less than $250,000	7. $5 million to less than $10 million
a. Federal Work	0	3. $250,000 to less than $500,000	8. $10 million to less than $25 million
b. Non-Federal Work	#6	4. $500,000 to less than $1 million	9. $25 million to less than $50 million
c. Total Work	#7	5. $1 million to less than $2 million	10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE	32. DATE
	June 20, 2017

33. NAME AND TITLE: Robert Gray, Business Development Office

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: CRA 17-020

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (*or Branch Office*) NAME: via planning, inc.	3. YEAR ESTABLISHED: 2014
2b. STREET: 2101 W Commercial Blvd, Suite 3200	4. UNIQUE ENTITY IDENTIFIER:
2c. CITY: Fort Lauderdale; 2d. STATE: FL; 2e. ZIP CODE: 33309	5. OWNERSHIP a. TYPE: Corporation
6a. POINT OF CONTACT NAME AND TITLE: Thuha Nguyen Lyew / President	b. SMALL BUSINESS STATUS: Yes for 541330 and 541690
6b. TELEPHONE NUMBER: 954-560-5251; 6c. E-MAIL ADDRESS: thuha.nguyen@viaplanning.com	7. NAME OF FIRM *(If Block 2a is a Branch Office)*

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	c. Number of Employees (2) BRANCH
60	Transportation Engineer	2	
	Other Employees		
	Total	2	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
T03	Traffic & Transportation Eng.	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

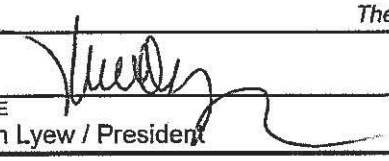
a. Federal Work	
b. Non-Federal Work	2
c. Total Work	2

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: 

b. DATE: 08/31/2017

c. NAME AND TITLE: Thuha Nguyen Lyew / President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: CRA 17-020

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME: Miller Legg	3. YEAR ESTABLISHED: 1965
	4. DUNS NUMBER: 038700035
2b. STREET: 5747 N Andrews Way	5. OWNERSHIP
	a. TYPE: Corporate
2c. CITY: Ft. Lauderdale / 2d. STATE: FL / 2e. ZIP CODE: 33309-2364	b. SMALL BUSINESS STATUS: Yes
6a. POINT OF CONTACT NAME AND TITLE: Michael Kroll, RLA, FASLA, President	7. NAME OF FIRM *(If block 2a is a branch office)*
6b. TELEPHONE NUMBER: (954) 628-3651 / 6c. E-MAIL ADDRESS: mkroll@millerlegg.com	
8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED / 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	(2) BRANCH	a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
02	Administrative	12	11	C02	Cemeteries (Planning & Relocation)	5
07	Biologist	3	3	C06	Churches; Chapels	2
08	CADD Technician	3	3	C10	Commercial Building; (low rise);	2
12	Civil Engineers	9	5	C14	Conservation and Resource	4
14	Computer Programmer	1	1	E01	Ecological & Archeological	4
16	Construction Manager	0	0	E02	Educational Facilities; Classrooms	4
19	Ecologists	1	1	H07	Highways; Streets; Airfield Paving;	2
21	Electrical Engineers	0	0	H09	Hospitals & Medical Facilities	3
23	Environmental Engineer	0	0	H11	Housing (Residential, Multifamily,	6
50	Environmental Risk Assessor	0	0	I06	Irrigation; Drainage	2
24	Environmental Scientist	1	1	L01	Laboratories; Medical Research	2
29	GIS Specialist	0	0	L03	Landscape Architecture	5
39b	Irrigation Designer	0	0	P04	Pipelines (Cross-country--Liquid &	2
38	Land Surveyor	2	2	P05	Planning (Community; Regional;	3
38a	Survey Crew Members	6	2	P06	Planning (Site, Installation and	3
39	Landscape Architects	3	2	R04	Recreational Facilities (Parks;	4
39a	Landscape Designers	5	5	S04	Sewage Collection, Treatment &	5
47	Planners: Urban/Regional	1	1	S13	Stormwater Handling & Facilities	5
51	Safety/Occupational Health	0	0	S10	Surveying; Platting; Mapping; Flood	2
60	Transportation Engineers	1	0	T03	Traffic & Transportation Engineering	2
	Other Employees	1	0	U02	Urban Renewals; Community	4
	Total	49	37	W03	Water Supply; Treatment and	4

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	4
b. Non-Federal Work	6
c. Total Work	6

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE: 8/28/2017

c. NAME AND TITLE

Michael Kroll, RLA, FASLA, President

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or branch office)* NAME	3. YEAR ESTABLISHED	4. DUNS NUMBER
GEOSOL, INC.	2000	

2b. STREET	5. OWNERSHIP
5795-A NW 151ST Street	a. TYPE: Corporation

2c. CITY	2d. STATE	2e. ZIP CODE	b. SMALL BUSINESS STATUS
Miami Lakes	FL	33014	FDOT Certified DBE

6a. POINT OF CONTACT NAME AND TITLE	7. NAME OF FIRM *(if block 2a is a branch office)*
Oracio Riccobono, P.E.	N/A

6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS
(305) 828-4367	Geosolusa@bellsouth.net

8a. FORMER FIRM NAME(S) (if any)	8b. YR. ESTABLISHED	8c. DUNS NUMBER
N/A	N/A	

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of employees (1) FIRM	c. No. of employees (2) BRANCH	a. Profile Code
	Administrative	1		27
	Civil Engineers	3		27
	Soils Engineers	2		27
	Engineering Technicians	5		27
	Draftmen	1		27
				27
				27
	Other Employees			
	Total	12		

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

b. Experience	c. Revenue Index Number *(see below)*
Geotechnical Services in 2017	6
Geotechnical Services in 2016	6
Geotechnical Services in 2005	6
Geotechnical Services in 2014	6
Geotechnical Services in 2013	6
Geotechnical Services in 2012	6
Geotechnical Services in 2011	6
Geotechnical Services in 2010	6
Geotechnical Services in 2009	6
Geotechnical Services in 2008	5
Geotechnical Services in 2007	5
Geotechnical Services in 2006	5
Geotechnical Services in 2005	5
Geotechnical Services in 2004	5
Geotechnical Services in 2003	4
Geotechnical Services in 2002	4
Geotechnical Services in 2001	3

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(insert revenue index number shown at right)

a. Federal Work	
B. Non-Federal Work	$1,500,000
c. Total Work	$1,500,000

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less that $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE: 8/30/17

c. NAME AND TITLE

Oracio Riccobono, P.E.

AUTHORIZED FOR LOCAL REPRODUCTION
MANDATORY USE DATE OF FORM 5/1/2004

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: CRA 17-020

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME: SSN ENGINEERING, LLC		3. YEAR ESTABLISHED: 2011	4. DUNS NUMBER: 829296222
2b. STREET: 1925 NW 18th Street		5. OWNERSHIP	
2c. CITY: Pompano Beach	2d. STATE: FL / 2e. ZIP CODE: 33069	a. TYPE: LLC	
6a. POINT OF CONTACT NAME AND TITLE: Rubel Siddique, P.E. / Principal		b. SMALL BUSINESS STATUS: DBE, SBE, MBE	
6b. TELEPHONE NUMBER: (954) 944-3272	6c. E-MAIL ADDRESS: rsiddique@ssnengineering.com	7. NAME OF FIRM *(If block 2a is a branch office)*	

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
12	Civil Engineer	3	0
	Other Employees	3	0
	Total	3	0

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
H07	Highways; Streets; Airfield Paving; Parking Lots	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	0
b. Non-Federal Work	3
c. Total Work	3

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000.
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE: September 5, 2017
c. NAME AND TITLE: Rubel Siddique, P.E. / Principal	

9. ACKNOWLEDGEMENT OF ADDENDA

RE: City of Hollywood CRA
Traffic Engineering Services to the CRA for Capital Projects, CRA 17-020

MARLIN Engineering, Inc. acknowledges receipt of:

Addendum No. 1 (issued August 24, 2017)

Addendum No. 2 (issued August 31, 2017)

Addendum No. 3 (issued September 6, 2017)

CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY

1948 Harrison Street
Hollywood, FL 33020
Phone (954) 924-2980 Fax (954) 924-2981

ADDENDUM NUMBER 1

Date: **8/24/2017**

FOR: **RFQ for Traffic Engineering Services**
FILE NUMBER: **CRA 17-020**

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 August 8, 2017. The bidder shall coordinate all modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum on the Bid Form by addendum number and date. Failure to do so may subject Bidder to disqualification.

CLARIFICATION

Question 1: In Section II, Scope of Services, field tests and laboratory tests are included with traffic engineering and data collection. Will Geotechnical services be required?
Clarification: It is not mandatory, points will not be given or taken for this service.

Question 2: In Section VI, Submittals, letter d, we are required to provide a list and description of similar projects performed within the last five (5) years, and in Section V, Initial Selection Criteria, #5 requires similar projects within the last four (4) years. Which is correct?
Clarification: Section V, Initial selection criteria, #5, should reflect five years (5).

Question 3: In Section VI, Submittals, letter g, estimated hours for each member of the team are required. Since this is a general contract, are you looking for percent availability?
Clarification: Yes, percentage is fine.

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ADDENDUM NUMBER 1

Question 4: Under Section VII. Oral Presentation, it mentions schematic drawings with floor plans. Please confirm if this requirement is for traffic engineering services.
Clarification: No drawings are necessary.

Question 5: Section VI Submittals; Profile of Consultant; Item D. Requests a list of projects completed within the past five years. The information requested on each project (name and telephone number of contact, role, and dollar amount), is similar to the information required within the SF330, Section F. Can vendors reference the evaluation team to the SF330 section to meet the requirements of Section D, or should vendors repeat this information within section D.
Clarification: A reference to the SF330.

Question 6: Section VII. Oral Presentation. This section states that shortlisted firms are expected to provide schematic design drawings and an estimated probable cost of construction at the Oral Presentation. Can the CRA confirm whether this deliverable is required under this contract? If so, can the CRA clarify what proposed project they'd like vendors to utilize for this requirement.
Clarification: No schematic design drawings or estimated probable costs are necessary.

Question 7: VI. Submittals: Standard Forms 330 (page 10 of RFQ) Does the City want complete and separate SF330 Parts I&II for both the prime firm and the subconsultants?
Clarification: Only for prime firm.

Question 8: VI. Submittals: Profile of Consultant, d. list and description of engagements (page 10 of RFQ)
Are these projects required in addition to the 10 projects included in the SF330 Part I Section F: Example Projects?
Clarification: No, they can be the same.

Question 9: VI. Submittals: Profile of Consultant, f. staff experience in conducting similar projects (page 10 of RFQ)
Is this project experience/educational background information required in addition to the full page resumes included in the SF330 Part I Section E: Resumes of Key Personnel?

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ADDENDUM NUMBER 1

Clarification: No.

Question 10: VI. Submittals: Profile of Consultant, g. organization of staff and estimated hours for each member (page 11 of RFQ)

a) Is the organization of staff required in addition to the organizational chart included in the SF330 Part I Section D: Organizational Chart?

Clarification: No.

b) Given that this is an oncall contract, how should the estimated hours for each member of the team be calculated?

Clarification: Percentage estimates.

+

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE CONTRACT DOCUMENTS AND THE RECEIPT OF THE SAME SHALL BE NOTED IN THE PROPOSAL IN THE SPACE PROVIDED.

Moshe Anuar, P.E., Senior Coastal Project Manager
Community Redevelopment Agency

Acknowledgement

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COMMUNITY REDEVELOPMENT AGENCY

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ADDENDUM NUMBER 2

Date: **8/31/2017**

FOR: **RFQ for Traffic Engineering Services**
FILE NUMBER: **CRA 17-020**

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 August 8, 2017. The bidder shall coordinate all modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum on the Bid Form by addendum number and date. Failure to do so may subject Bidder to disqualification.

CLARIFICATION

Question 1: Addendum #1 states that receipt of the addendum shall be acknowledged on the Bid Form by addendum number and date, and failure to do so may subject Bidder to disqualification. However, I did not see a bid form or any other place to acknowledge receipt of addenda included with the original RFQ.
Clarification: No Bid Form was included on the RFQ; however, please include a copy of the addenda and state that they were acknowledged.

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE CONTRACT DOCUMENTS AND THE RECEIPT OF THE SAME SHALL BE NOTED IN THE PROPOSAL IN THE SPACE PROVIDED.

Moshe Anuar, P.E., Senior Coastal Project Manager Community Redevelopment Agency

Acknowledgement

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COMMUNITY REDEVELOPMENT AGENCY

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ADDENDUM NUMBER 3

Date: **9/6/2017**

FOR: **RFQ for Traffic Engineering Services**
FILE NUMBER: **CRA 17-020**

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 August 8, 2017. The bidder shall coordinate all modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum on the Bid Form by addendum number and date. Failure to do so may subject Bidder to disqualification.

CLARIFICATION

Due to climate challenges related to Hurricane Irma, the deadline for this RFQ has been extended. The new deadline to submit bidding documents is September 18, 2017 at 10:00 AM.

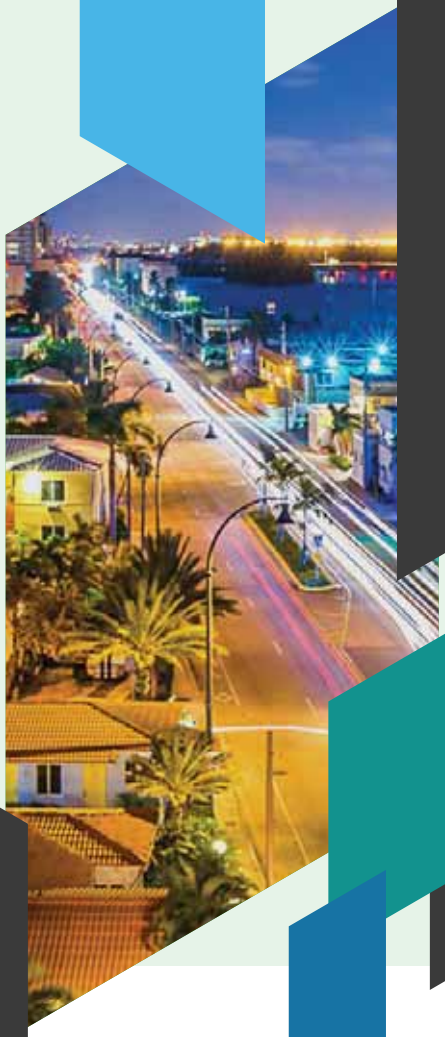
ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE CONTRACT DOCUMENTS AND THE RECEIPT OF THE SAME SHALL BE NOTED IN THE PROPOSAL IN THE SPACE PROVIDED.

Moshe Anuar, P.E., Senior Coastal Project Manager Community Redevelopment Agency

Acknowledgement

MARLIN Engineering, Inc.
1700 NW 66th Avenue, Ste. 106
Fort Lauderdale, FL 33313
P: 305.477.7575
www.marlinengineering**.com**



MARLIN