

**MARLIN**

APRIL 19  
**2017**



# GENERAL ENGINEERING SERVICES

RFQ# 17-002

**Prepared For:**  
City of Key West



**Prepared By:**  
MARLIN Engineering, Inc.  
15600 SW 288<sup>th</sup> Street, Suite 208  
Miami, FL 33033  
P: 305.477.7575  
[www.marlinengineering.com](http://www.marlinengineering.com)

April 19, 2017

City Clerk  
City of Key West  
1300 White Street  
Key West, FL 33040

**RE: General Engineering Services, RFQ No 17-002**  
"Civil Engineering"

Dear Selection Committee:

**MARLIN ENGINEERING, INC.** is pleased to submit our qualifications to provide **Civil Engineering Services** to the City of Key West.

MARLIN is a local, multidisciplinary planning and engineering firm with more than 25 years of experience. Our team of Professional Engineers, Surveyors, Environmental Scientists, Planners, Registered Landscape Architects, Certified Bridge Inspectors and LEED Accredited Professionals have the capabilities and experience necessary to perform all of the services listed in the scope of work for Civil Engineering.

Our team is committed to exceeding your expectations, and we look forward to supporting you in continuing to plan, build, maintain and operate a strong, safe community for the future. Our team is qualified to provide the following in-house services:

- ✓ **Civil Engineering**
- ✓ **Structural Engineering**
- ✓ **Environmental Engineering**
- ✓ **Transportation/Traffic Engineering**
- ✓ **Construction Administration/CEI**
- ✓ **Project Management**
- ✓ **Engineering Design Services**
- ✓ **Plan & Development Review**
- ✓ **Surveying**
- ✓ **Inspection Services**
- ✓ **Engineering Studies**
- ✓ **Cost Estimating**
- ✓ **Grant Writing and Submission**
- ✓ **Community Outreach, Public information**
- ✓ **Pedestrian/Bicycle & Trails Development**

We have complemented our team by inviting GSLA Design (formerly Rosenberg Gardner Design) to provide Landscape Architecture. With more than 30 years of experience, GSLA understands the local environment and are very familiar with sub-tropical plant material.

MARLIN has served local governments throughout Florida from its offices in Miami, Fort Lauderdale, West Palm Beach, Tallahassee and Puerto Rico. We have created partnerships and fostered long-lasting relationships with cities, counties, and state agencies by providing professional assistance, personalized customer service, high quality products, and innovative solutions. Our years of experience serving municipalities have given us a clear understanding of their needs and challenges. Furthermore, our experience working in Monroe County and in the City of Key West has given us the opportunity to have first-hand knowledge of the City's expectations, vision, and goals.



MARLIN is not involved with any other work within the City of Key West, so there are *no conflicts of interest*. Furthermore, as a standard practice, MARLIN does not provide services to private developers in municipalities we represent, so the City can be comfortable that MARLIN can be relied upon and always has their best interest in mind.

The MARLIN team offers superior services including:

- More than 25 years of experience;
- Extensive experience on similar types of contracts;
- High-quality, rapid responses;
- Knowledge of the City's permitting protocols and procedures;
- State-of-the-art equipment and technology, including specialized traffic data video collection units, Bluetooth devices, and underwater inspection equipment
- Qualified and experienced team members that will implement the best practices.

The MARLIN team has completed similar contracts successfully under strict schedule constraints with the highest degree of quality. As a team, we can also communicate and build project consensus with the community and between all public and governmental agencies involved. Our diverse and broad support of personnel will ensure that every need is met as efficiently as possible. We will work closely with the City to ensure the optimum execution of every assignment under this contract.

MARLIN 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 MARLIN an opportunity to serve you. We look forward to serving the City of Key West.

Sincerely,  
MARLIN ENGINEERING, INC.



Jose A. Quintana, PE, CBI  
Executive Vice President







**CONTENTS**

- 1 Overview and Experience**  
Licenses & Certifications
  
- 2 Management Approach**  
Quality Assurance/Quality Control  
Ability to Perform the Services Expeditiously  
Location
  
- 3 Team Structure and Staff Qualifications**
  
- 4 Past Experience**
  
- 5 Required Forms**

1

OVERVIEW AND  
EXPERIENCE



## OVERVIEW AND EXPERIENCE

During the last 25 years, **MARLIN Engineering Inc. (MARLIN)** has demonstrated its ability to deliver quality professional planning and engineering services in a friendly manner by fostering strong relationships at the municipal, county, regional and state level. We have a proven track record of delivering high quality projects for our clients on time and within budget.

Founded in August 1991 in Miami, Florida, MARLIN is a full service multidisciplinary planning and engineering firm with an extensive resume of high profile projects throughout the state of Florida. We have diversified our staff, services and markets to be poised to handle larger and more complex challenges. We offer the knowledge and resources of a large firm, as well as the personal attention and efficiency of a small one.

**We've served as a General Engineering Consultant for more than 25 municipalities in South Florida** and have established strong working relationships with many of the local municipalities, MPOs and councils.

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

**Our philosophy is collaboration.** We will partner with the City of Key West and implement our collaboration 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 City's Project Manager will be maintained with respect to progress and deliverables. We will not hesitate to make tough recommendations and we believe that the success of any project hinges on cooperation.

**Contact Information.** Our Project Manager, James Spinks, PE, PTOE will be the primary point of contact for this contract. He can be reached 24/7 at 954.870.5061 and his email is [jspinks@marlinengineering.com](mailto:jspinks@marlinengineering.com).

As previously mentioned, we have provided similar services on similar contracts to more than 25 municipalities throughout South Florida including Monroe County, Miami-Dade County, City of South Miami, City of Homestead, City of Miami, City of Coral Gables, Miami-Dade TPO and many more counties and cities. We have continually performed flawlessly under consolidated and strict schedules and budgets while providing the highest degree of quality services and products.



### AREAS OF EXPERTISE

- Civil Engineering
- Structural Engineering
- Roadway & Highway Design
- Transportation Policy & Planning
- Traffic Engineering
- Complete Streets
- Environmental Services
- Intergovernmental Coordination
- Public Outreach & Participation
- Multi-Modal & Corridor Planning
- Regional Transit & Park-and-Ride
- Carpool/Vanpool & Park-and-Ride
- Pedestrian/Bicycle Planning & Visioning
- Freight & Logistics
- Data Management
- Meeting/Workshop Facilitation
- Land & Site Development
- GIS Mapping
- Surveying
- Subsurface Utility Exploration (SUE)
- Construction Management & Inspections
- NBIS General Structure Inspections
- Emergency Management
- Design & Repair Consultation
- Asset Management



## THE MARLIN TEAM

MARLIN has assembled a team to support the City achieve its expectations, vision, and goals. Our Project Manager, James Spinks, is supported by a skilled team of designers, planners, engineers, surveyors, environmental scientists and inspectors, all of which are MARLIN's in-house personnel. This in-house capability will allow us to streamline solutions and provide quality services to the City in a timely manner.

### PROJECT MANAGER

**James Spinks III, PE, PTOE, will be the Project Manager and the direct contact for the City.** James is a highly regarded Project Manager and Senior Engineer, and is a proven and effective communicator with an established reputation as a seasoned leader. **With more than 18 years of experience, James is familiar with the local area, as he has managed engineering contracts with FDOT in Monroe County. He is adept with the Monroe County permitting agencies and procedures, as well as, FDOT and the South Florida Water Management District.** Because of this experience, he has established relationships with the agency's review and permitting staff and understands their expected standards and procedures, ensuring a smooth and quick approval process for any task work order assigned through this project. James's hands-on experience with municipal work is unsurpassed and gives the MARLIN team a clear and distinct advantage over all other consultant teams for this contract.

### LANDSCAPE ARCHITECTURE CONSULTANT

We will be collaborating with **GSLA Design** on this project pursuit. GSLA is a local, award winning landscape architecture firm with more than 30 years of experience serving the public sector in South Florida including the Florida Department of Natural Resources, FDOT and the South Florida Water Management District. Projects include landscape designs for parks, streetscapes, new communities and commercial centers. GSLA has prepared master land use plans, generated site construction plans and details, as well as hardscape, planting, irrigation, and landscape lighting plans for projects up to \$600 million.

GSLA's president, Ken Gardner, has more than 23 years of experience and is a native of South Florida. His knowledge of sub-tropical plant material and its application is extremely strong and he incorporates that knowledge into GSLA's designs.

## QUALIFICATIONS OF TEAM

MARLIN continues to grow by adding highly qualified engineers and top level professionals to maintain its

leadership, stay current with industry trends and address client demands. Our history demonstrates our adherence to the fundamental values of excellence and innovation. Our team's certifications and licenses include:

- Professional Engineering
- Professional Traffic Operations Engineering
- Professional Surveyor & Mapping
- Certified Bridge Inspectors & Commercial Diving
- American Institute of Certified Planners
- Construction Engineering Inspection Certifications
- Professional Landscape Architecture
- LEED Accredited Professionals

MARLIN maintains personnel and a fully equipped organization, technically and financially, of exceeding expectations for the proposed work, and we have performed similar work for many of the services identified in this proposal.

## EXPERIENCE WITH LOCAL MUNICIPALITIES

MARLIN has served multiple governmental agencies, understands the keys to success for these types of contracts and we are accustomed to working within tight budgets and schedules. We have experience working with regulatory agencies and will comply with all laws and regulations. The list below features our public client list for whom we have performed similar services to those requested in the City's RFQ:

- City of Coral Gables
- City of Miami
- City of Homestead
- Miami Shores Village
- City of Port St. Lucie
- City of North Miami Beach
- Village of Palmetto Bay
- City of Sunny Isles Beach
- City of Fort Lauderdale
- City of Miami Beach
- Palm Beach MPO
- FDOT D4, D6, CO, TP
- MDX
- Miami-Dade County
- City of South Miami
- Town of Miami Lakes
- Town of Cutler Bay
- Miami-Dade MPO
- City of Doral
- City of Parkland
- City of Aventura
- City of Opa Locka
- City of Fort Lauderdale
- Martin MPO
- SFRTA
- Broward MPO



## EXPERIENCE WITH REGULATORY AGENCIES

MARLIN understands that the agency review process in South Florida is often complex with a number of overlapping jurisdictions and agencies. We have the technical knowledge and the ability to advocate to the various county agencies including FDOT, SFWMD, FDEP, the Army Corps of Engineers and all other permitting agencies on behalf of the City of Key West. We have worked extensively with these agencies and understand the ultimate review and permitting process.

## LOCAL AVAILABILITY OF PERSONNEL

Key personnel assigned to this project will be available to perform the work in a timely and responsible manner. 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 MARLIN 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.

## WHY CHOOSE MARLIN?

- ▶ Past successful experience on similar contracts with more than 25 local municipalities
- ▶ Extensive local experience with permitting guidelines and procedures
- ▶ Proven commitment to our clients delivering projects on time and within budget
- ▶ High-quality, rapid responses
- ▶ Depth and breadth of staff to meet the demands of task work order contracts
- ▶ Full service firm with capabilities that can take projects from beginning to end
- ▶ State-of-the-art equipment and technology
- ▶ Solid Relationships at Local, County and State Level
- ▶ Certified Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE)





# LICENSES & CERTIFICATIONS

**State of Florida  
Department of State**


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

The document number of this corporation is S74791.

I further certify that said corporation has paid all fees due this office through December 31, 2016, that its most recent annual report/uniform business report was filed on April 28, 2016, and that its status is active.

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

*Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-eighth day of April, 2016*



*Ken Putnam*  
**Secretary of State**

Tracking Number: C225578043

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.  
<https://services.sos.fl.gov/Filings/CertificateOfStatus/CertificateAuthentication>

**State of Florida  
Department of State**


I certify from the records of this office that GSLA DESIGN, INC. is a corporation organized under the laws of the State of Florida, filed on May 4, 1995.

The document number of this corporation is P9300032512.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 9, 2017, and that its status is active.

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

*Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Ninth day of January, 2017*



*Ken Putnam*  
**Secretary of State**

Tracking Number: C225578043

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.  
<https://services.sos.fl.gov/Filings/CertificateOfStatus/CertificateAuthentication>

DBPR - MARLIN ENGINEERING INC., Certificate of Authorization Page 1 of 1

8/24/16 AM 9:10:20PT

**Licensee Details**

**License Information**

Name: MARLIN ENGINEERING INC. (Primary Name)  
Main Address: 1700 NW 66TH AVE., STE. 106 PLANTATION Florida 33313 DADE  
County:  
License Mailing:  
License Location:

**License Information**

License Type: Certificate of Authorization  
Lic. No.: Cert of Auth 6104  
License Number:  
Status: Current  
License Date: 09/19/1991  
Expires: 02/28/2019

**Special Qualifications** **Qualification Effective**

**Alternate Names**

[View Related License Information](#)  
[View License Complaint](#)

2654 West Stone Road, Tallahassee, FL 32302 | Email: CustomerContractCenter@CustomerContractCenter.com | 850.487.1395


The State of Florida is an AEC20 employer. [Click here to learn more about Florida's Public Works Initiative.](#)

Under Florida law, email addresses are public records. If you do not wish your email address released to other individuals or made available to the general public, you may request that we withhold your email address from this email. If you have any questions, please contact 850.487.1395. View our Florida Public Works Initiative Website: Chapter 2, Florida Statutes, Article 20, Section 20.01, 20.02, 20.03, 20.04, 20.05, 20.06, 20.07, 20.08, 20.09, 20.10, 20.11, 20.12, 20.13, 20.14, 20.15, 20.16, 20.17, 20.18, 20.19, 20.20, 20.21, 20.22, 20.23, 20.24, 20.25, 20.26, 20.27, 20.28, 20.29, 20.30, 20.31, 20.32, 20.33, 20.34, 20.35, 20.36, 20.37, 20.38, 20.39, 20.40, 20.41, 20.42, 20.43, 20.44, 20.45, 20.46, 20.47, 20.48, 20.49, 20.50, 20.51, 20.52, 20.53, 20.54, 20.55, 20.56, 20.57, 20.58, 20.59, 20.60, 20.61, 20.62, 20.63, 20.64, 20.65, 20.66, 20.67, 20.68, 20.69, 20.70, 20.71, 20.72, 20.73, 20.74, 20.75, 20.76, 20.77, 20.78, 20.79, 20.80, 20.81, 20.82, 20.83, 20.84, 20.85, 20.86, 20.87, 20.88, 20.89, 20.90, 20.91, 20.92, 20.93, 20.94, 20.95, 20.96, 20.97, 20.98, 20.99, 20.100.

<https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=CECA7063FF0B7C1832...> 3/10/2017

**State of Florida  
Board of Professional Engineers**

Attests that  
**James Edward Spinks III, P.E.**



**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**  
Expiration: 2/28/2019  
Audit No: 228201930426 R


P.E. Lic. No: 66776

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

License No: LB7241  
Expiration Date: February 28, 2019

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

MARLIN ENGINEERING INC  
1700 NW 66TH AVENUE, SUITE 106  
MIAMI, FL 33313



ADAM H. PUTNAM  
COMMISSIONER OF AGRICULTURE


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

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

LICENSE NUMBER: LA0001569

The LANDSCAPE ARCHITECT  
Named below HAS REGISTERED  
Under the provisions of Chapter 481 FS.  
Expiration date: NOV 30, 2017

GARDNER, KENNETH ERIC  
426 STONEMONT DR  
WESTON, FL 33326




ISSUED: 11/15/2011 # DISPLAY AS REQUIRED BY LAW SEQ # L151150001676

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

LICENSE NUMBER: LC0000066

The LANDSCAPE ARCHITECT BUSINESS  
Named below HAS REGISTERED  
Under the provisions of Chapter 481 FS.  
Expiration date: NOV 30, 2017

GSLA DESIGN, INC.  
1700 NW 66TH AVENUE, SUITE 106  
MIAMI, FL 33313




ISSUED: 01/30/2011 # DISPLAY AS REQUIRED BY LAW SEQ # L1701300000776

The National Council of Examiners for  
Engineering and Surveying  
has issued  
this Certificate to  
**James E. Spinks 3rd, P.E.**

In recognition of the verification of your engineering record by the National Council of Examiners for Engineering and Surveying and of your engineering license by a jurisdiction based on meeting the qualifications of that Board.

In witness whereof, this certificate NO. 28368 has been issued this 28th day of July, 2009



GREEN BUILDING CERTIFICATION INSTITUTE  
LEED® ACCREDITED PROFESSIONAL

**Ken Gardner**

LEED® ACCREDITED PROFESSIONAL



**FDOT**  
Florida Department of Transportation  
Construction Training Qualification Program

**German Sanchez**  
Qualifications Search

FRANCE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
02222074	Asphalt	Asphalt Paving Technician - Level 1	8/31/2020
02222074	Asphalt	Asphalt Paving Technician - Level 2	8/31/2020
02222074	Earthwork	Earthwork Construction Inspector - Level 1	8/31/2020
02222074	Earthwork	Earthwork Construction Inspector - Level 2	8/31/2021

[Back](#)  
134215

[http://csp.floridatrans.com/csp\\_data/ssxy23a.asp?search=SS2229074](http://csp.floridatrans.com/csp_data/ssxy23a.asp?search=SS2229074) 4/18/2017

**Certified Bridge Inspector**

Whereas **Eduardo Vazquez, Jr.** has shown competency and fitness to conduct bridge inspection as set forth in the National Bridge Inspection Standards and Florida Statute 335.074 Bridge Inspection Standards.

Therefore, under the authority granted by Chapter 14-48 Florida Administrative Code, the State of Florida Department of Transportation hereby issues this certificate numbered **00369**, as provided by law and subject to the powers of revocation vested in said Department on this **15th** day of **December 2000**, A.D.



**Certified Bridge Inspector**

Whereas **Alexis Rego** has shown competency and fitness to conduct bridge inspection as set forth in the National Bridge Inspection Standards and Florida Statute 335.074 Bridge Inspection Standards.

Therefore, under the authority granted by Chapter 14-48 Florida Administrative Code, the State of Florida Department of Transportation hereby issues this certificate numbered **00408** as provided by law and subject to the powers of revocation vested in said Department on this **26th** day of **May 2005**, A.D.



2

MANAGEMENT  
APPROACH



## MANAGEMENT APPROACH

### APPROACH

Our goal is to minimize workload for the staff of the City of Key West and provide the products required to meet their objectives. Our experienced staff well understands the needs for all projects listed in the scope of services and needs from the staff are limited to the identification of work orders and a discussion on needed deliverables and any constrained schedules. With that said, we also

understand that the approach to projects will be cost efficient and effective. If staff have access to current surveys, traffic counts, as-built plans, etc. for projects to be undertaken we would prepare a scope that includes our Team receiving that information in order to prepare the appropriate staff hour and cost estimate. For each project we propose the following guidelines:

#### CLEARLY DEFINE THE CHALLENGES AND SET OBJECTIVES

Our approach involves open discussions with the City staff to identify develop a clear plan of resolution and identify any community concerns. Our staff has the resources necessary to help you define the challenges, determine your objectives, and most importantly, accomplish your goals a crucial part of this process is to establish a vision of what the community wants and determine how the transportation system 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 analyzing the various parameters specific to each project. The analysis allow our technical professionals to predict the impact of different alternatives. The results are then compared to the previously established priorities and objectives to determine if the proposed project will be effective in addressing the problem and justify cost. Based on our experience, the accuracy of costs is a critical element in the evaluation of alternatives; consequently, where there are multiple alternatives each one will be thoroughly reviewed by a member of our in-house engineering team to guarantee accurate cost estimates for each alternative safeguarding the reliability of the decision making process.

We are also well aware of potential concerns relating to the constructability and feasibility of proposed concepts and projects. Consequently, our approach to the project includes and extensive in-house review of the final recommendations by a team member from our various departments (i.e. Survey, Roadway, Drainage, Bridge inspection, etc.) to ensure constructability and to identify any potential impacts resulting from these recommendations including 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 PUBLIC CONSENSUS

The last stage of the process is to ensure that all concerns from stakeholders and the community are addressed and to gain acceptance of the project from the City and from any other pertinent agencies. On similar contracts, MARLIN has performed presentations to municipal committees, Planning and Zoning (P&Z) Boards, the Florida Department of Transportation (FDOT) and Commissions; our staff has experience in facilitating the approval of municipal projects at the County, State and Federal level, as well as, providing coordination between municipalities and agencies.

Obtaining public acceptance is also 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 City during the public involvement phases of a project.



## MEETING DEADLINES AND BUDGET

Having served many clients 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 City to ensure critical deadlines are met and that all work is performed within budget.

Once we have clearly identified the project purpose and developed a feasible path to meet that purpose, a detailed project cost estimate will be developed and submitted to the City Project Manager for approval. Once consensus on the scope and fees has been achieved, MARLIN staff will be assigned and immediately begin working on the new project task. Our experience shows that this process provides the client with the desired deliverable at cost and on budget.

Based on the established project schedules, we will periodically hold progress meetings and submit progress reports as needed to keep City Staff informed throughout the life of the project and also to ensure projects are being completed on schedule. Progress reports will also coincide with billing invoices, which will ensure that the City only pays for work that has been completed.

## APPROACH TO SCHEDULE AND COST CONTROL

Having served many clients 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 City to ensure critical deadlines are met and that all work is performed within budget. Our Project Manager, James Spinks, will perform project progress meetings with the City Project Manager on a regular basis and submit progress reports to ensure tasks are meeting schedule benchmarks. The schedule for the project progress meetings will be coordinated with the City Project Manager and attendance of all key MARLIN staff members will be mandatory. By requiring project progress meetings and reports, project cost control can be better maintained and tracked by the City Project Manager and MARLIN staff. As projects advance and new tasks begin, James will have a task kick-off meeting with the City Project Manager to discuss each of the projects objectives so that MARLIN staff can have a firm understanding of the desired result.

## PROJECT MANAGEMENT APPROACH

Our project management philosophy is to create a partnership with our Team to provide the City with planning,

design and construction management services that will ultimately be beneficial to and welcomed by the public. 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. We will pay attention to detail and manage each project by managing the individual component parts. Every MARLIN Team member will meet the City needs and expectations for each task work order assigned. The MARLIN Team will build a team approach with the City 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.



The MARLIN Team Project Manager must be able to quickly understand the project, visualize the final product and have the ability to quickly identify the specific staffing and equipment requirements to complete projects within the City's time schedule. James Spinks will be the primary contact with the City Project Manager and will have the responsibility of coordinating the engineering and planning efforts of the MARLIN Team to ensure that the expectations of the City are met during all phases of any project assigned.

The MARLIN Team understands that a "good start" is essential to ensuring the success of a project. Therefore, upon receiving the notice to proceed, James 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
- Schedule
- Key Deliverables
- Budget
- Expectations of the City
- Roles & Responsibilities

**PROJECT MANAGEMENT PLAN:** As Project Manager, James will ensure the success of any task work order by implementing a project management plan that focuses on the following:

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

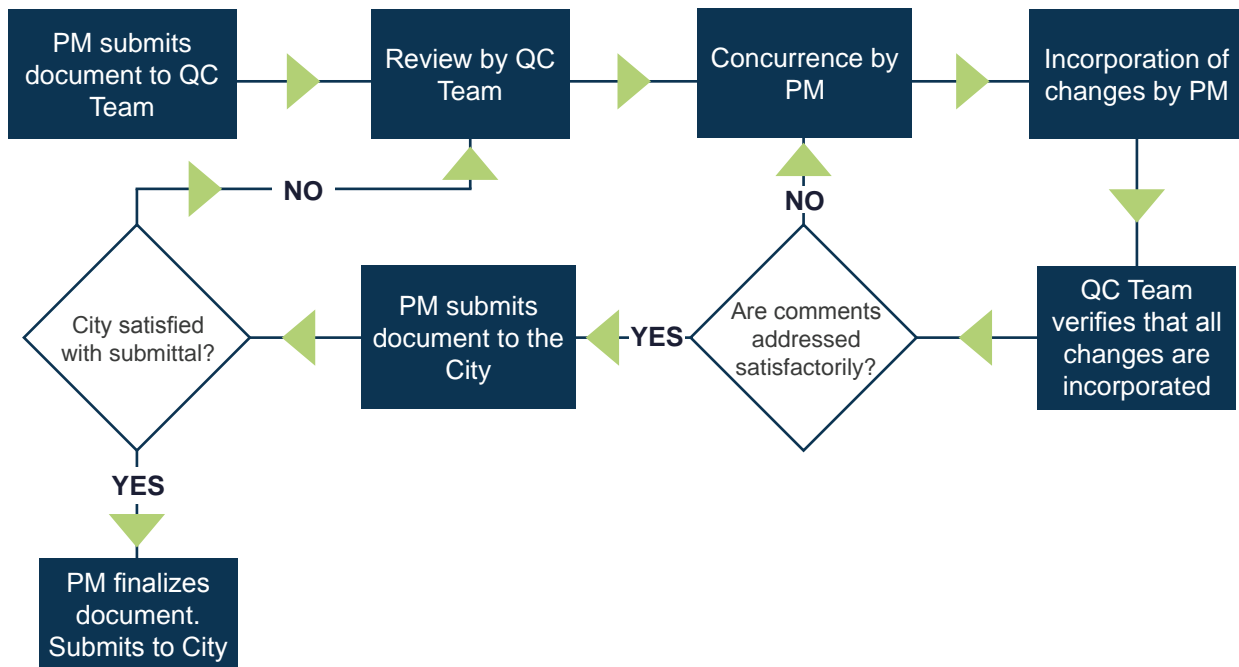
**Strong Quality Control:** The Team commits to delivering studies, plans and specifications that meet the highest standards of our profession. James will take the following steps to ensure that our deliverables are permittable, buildable and clear:

- Assign a quality control manager charged with the responsibility of ensuring that the final plans and specifications result in the least possible amount of change orders.
- 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 supporting the City to achieve its general engineering objectives. Much of our success over the last 25 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 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.



## ABILITY TO PERFORM THE SERVICES EXPEDITIOUSLY

The MARLIN team understands the importance of being “on-call” and available at a moment’s notice. Our team is diverse which allows for an abundant resource of professional staff available as needed to insure each and every project has the creativity, leadership and extensive technical experience essential for this scope of services.

As demonstrated repeatedly with our previous work on similar projects, MARLIN is dedicated to committing its professional resources to insure the greatest workforce flexibility and responsiveness to the City of Key West.

**NO LEARNING CURVE.** Our team has experience working in the City. We understand the local conditions as well as the permitting process and procedure.

**WE ARE “ON-CALL” AS NEEDED.** The depth and strength of our experience, allows us to perform successfully on all of our contracts, responding in a timely manner and keeping projects on time and within budget. We have a strong inhouse staff with exceptional landscape architecture services from our subconsultant member GSLA. We have collaborated with GSLA on previous projects.

## LOCATION

MARLIN Engineering, Inc.  
 15600 SW 288th Street, Ste. 208, Miami, FL 33033  
 305.477.7575

## AVAILABILITY

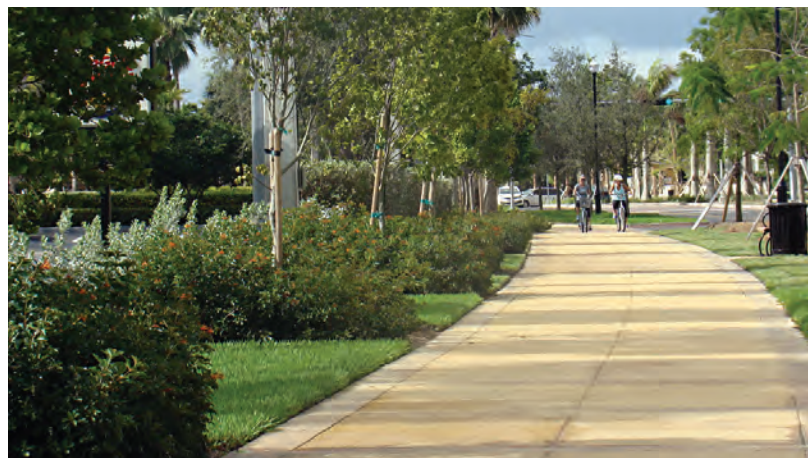
The MARLIN personnel assigned to this project will be available to perform the work in a timely and responsible manner. MARLIN personnel currently have excess capacity in our workload and are ready to begin serving the City’s needs on this contract. We have availability of man-hours to put towards new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

We also have the commitment of our subconsultant, GSLA, 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.





TEAM STRUCTURE AND  
STAFF QUALIFICATIONS





**PROJECT MANAGER**  
James Spinks III, PE, PTOE

**QA/QC**  
Jose Quintana, PE, CBI

**PRINCIPAL-IN-CHARGE**  
Ramon Soria, PE

<p><b>Civil Engineering &amp; Roadway Design</b></p> <p>Jose Santiago, PE Rafael Lagos, PE Roxana Matamoros, PE Raul Dominguez, PE Elias Diaz John Blankenship</p>	<p><b>Traffic Engineering Studies &amp; Data Collection</b></p> <p>James Spinks III, PE, PTOE Dalila Fernandez, PE Leanne Garcia Fernandez, EIT Djemcy Limage Abel Martinez, EI Harold Pantaleon Alexis Gonzalez</p>	<p><b>Bike, Pedestrian &amp; Greenways Planning &amp; Design</b></p> <p>James Spinks III, PE, PTOE Rafael Lagos, PE Jeffrey Weidner Jennifer Fierman, AICP Eric Katz</p>	<p><b>Environmental</b></p> <p>Adelis Caban</p>	<p><b>Structural Design</b></p> <p>Julie Vers, PE Barbara Russell-King, PE</p>
<p><b>Landscape Architecture GSLA Design</b></p> <p>Ken Gardner, ASLA, LEED AP Taylor Kiehl Semler</p>	<p><b>GIS Support</b></p> <p>Eric Katz Harold Pantaleon</p>	<p><b>Community Outreach Public Involvement</b></p> <p>James Spinks III, PE, PTOE Jeffrey Weidner Jennifer Fierman, AICP Eric Katz</p>	<p><b>Survey</b></p> <p>Lazaro Fleitas, PSM Omar Carcamo</p>	<p><b>Structural Inspections</b></p> <p>Julie Vers, PE Eduardo Vazquez, EI, CBI Alexis Rego, CBI</p>
			<p><b>Grants / Loan Applications Funding Research</b></p> <p>James Spinks III, PE, PTOE Jeffrey Weidner Jennifer Fierman, AICP</p>	<p><b>Construction Administration Specifications / Estimating</b></p> <p>Miguel Soria, PE German Sanchez, EI</p>



## James E. Spinks III, P.E., PTOE Senior Vice President/Project Manager

Years of Experience: 17

### AREAS OF EXPERTISE

Project Management  
Traffic Engineering  
Transportation Planning

### EDUCATION

BS Civil Engineering  
University of Missouri, 1998

### REGISTRATIONS

PE Florida 66775, 2007  
PE Missouri 2009030050, 2009  
PTOE #2530 – ITE, 2008

### CERTIFICATIONS

National Council of Examiners  
Engineering & Surveying 38368

### WORK HISTORY

Marlin Engineering, Inc.  
1/2013-Present  
Senior Vice President

Calvin, Giordano & Assoc., Inc.  
5/2007-1/2013  
Senior Project Manager

Parsons Brinkerhoff  
7/2004-5/2007  
Project Manager

HNTB  
12/2002-7/2004  
Transportation Engineer

URS Corp. Southern  
10/2000-12/2002  
Traffic Engineer

James has 17 years of experience and has worked for renowned companies where he forged his expertise in traffic operations and safety, transportation planning, signal design, traffic impact analysis and ITS planning. He has managed projects with Florida's Department of Transportation and has served as a city traffic engineer consultant in more than 20 municipalities in Broward, Palm Beach, and Miami-Dade counties.

His well-rounded experience at both, local and state level, gives him the knowledge of how these public institutions operate and the ability to be a liaison between them. He is recognized in the industry by his respectful demeanor, ability to engage in proactive communication, excellence in project management and customer service.

**General Engineering and Planning Consultant | Project Manager:** Miscellaneous planning and engineering consultant contracts for multiple municipalities. Services include Project Management, Traffic Engineering, Community Rating System, Intergovernmental Coordination, Comprehensive Planning, Development Application Review, Public Outreach, Coordination with Stake Holders, Construction Plans & Specs, Estimating, Transportation Planning, Street and Highway Design, Traffic Calming Design, Transit Planning, Address Resident Concerns, Attending Meetings with City Staff and Presentations to City Council.

- City of South Miami, Florida
- Village of Palmetto Bay, Florida
- City of Parkland, Florida
- City of Homestead, Florida
- Village of Pinecrest, Florida
- City of Weston, Florida
- Town of Surfside, Florida
- City of Sunny Isles Beach, Florida
- City of Cooper City, Florida
- City of Cooper City, Florida
- City of Miami Beach, Florida
- City of North Miami, Florida
- City of South Pasadena, Florida
- City of Doral, Florida
- Miami-Dade County TPO, Florida
- City of Aventura, Florida
- Town of Cutler Bay, Florida
- City of West Park, Florida
- City of North Lauderdale, Florida
- Town of Davie, Florida
- City of Loxahatchee Groves, Florida
- City of Pompano Beach, Florida (CRA)
- City of Dania Beach, Florida
- Town of Medley, Florida
- City of Miami Springs, Florida

**Districtwide Corridor Planning Studies | FDOT District 6 | Traffic Engineer:** Consultant services for planning and engineering for numerous program activities, PD&E studies and PLEMO studies. James served as an FDOT representative with the maintenance and development of improvements along the Florida Keys Heritage Trail in cooperation with Monroe County officials and various city representatives within Monroe County.

**Districtwide Traffic Operations Safety Studies | FDOT District 6 | Project Manager:** Provides traffic engineering through the development of various traffic operations and safety studies that will be identified for intersections, arterials, and related improvement recommendations and evaluations. This contract 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 (2014-Ongoing).

*Reference: Miguel Caldera, (305) 470-5335*





**Pedestrian and Bicycle Study on SR A1A at 178th Street & SR 826 | FDOT District 6 | Project Manager:** Provides traffic engineering through the development of various pedestrian and bicycle traffic operations and safety improvements. Study limits were identified by the FDOT Safety Office to identify opportunities for safety improvements for Vulnerable Road Users, with an emphasis on finding unique safety solutions for pedestrian and bicycle users (2014).

**US 1 at SW 22 Avenue Safety Study | FDOT District 6 | Project Manager:** The purpose of this consultant contract was to provide FDOT with Professional Traffic Engineering Services including traffic counts, engineering studies, signal timing analysis/studies and ITS. As Project Manager, provided traffic engineering services through traffic operations and safety tasks for the intersections. Existing signal operations were examined and signal improvement recommendations were developed and evaluated. Intersection improvements that were evaluated include signal optimization, in-sync adaptive intersection controllers and installation of vehicle detected Rectangular Rapid Flashing Beacons (RRFB)

**Greenways Biscayne Trail Segment C | Miami-Dade Parks & Recreation | Traffic Engineer Consultant:** 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. The Biscayne provides recreational access to Biscayne National Park and several of South Florida's coastal habitats (2013).

**Traffic Calming Master Plan | City of South Miami | Senior Traffic Engineer:** The purpose of this study is to analyze existing traffic and roadway conditions within the West Pinecrest Villas and Snapper Creek neighborhoods in the City of South Miami. Marlin Engineering analyzed the local traffic patterns based on Miami-Dade County Traffic Flow Modification guidelines and standard procedures to develop an area-wide traffic calming plan for the study area. Existing traffic conditions at critical locations and roadway segments were addressed by proposing appropriate countermeasures. Study task included: field review and inventory, traffic data collection, determination of critical locations within the study area, traffic calming analysis, preparation of a recommendations master plan, Miami-Dade County approval and permitting, construction design plans, bid documents and construction inspection (2013).

**Districtwide Public Transportation Consultant Services | FDOT District 6 | Project Manager:** On-call consultant contract. This contract assisted the Public Transportation Office (PTO) by providing professional/technical staff to perform support services. Services included multimodal plans and specifications reviews, technical reports/studies reviews, multimodal inspections and reports, project site visits, multimodal inventories, transit systems safety plans reviews, design services, construction engineering & inspection (CEI) services and program administration assistance for Transit, Aviation Rail, Intermodal, and Seaport projects in Miami-Dade and Monroe Counties.

**Saddle Club Road at Bonaventure Boulevard Roundabout | FDOT District 4 | Project Manager:** Provided traffic related services for the design of this conversion of a 4-way stop to a roundabout. Tasks included performing traffic analysis, preparation of construction management. The traffic analysis consisted of an intersection safety analysis in accordance with FDOT standards, which successfully obtained FDOT grant funding (\$400,000) from the Safety Office for construction of the roundabout through the FDOT LAP.

**NW 131st Street Widening and NW 10th Avenue Roundabout | City of North Miami | Project Manager:** Design, traffic analysis, public outreach, preparation of construction documents and permitting for the conversion of the two-way stop controlled intersection of NW 131st Street and 10th Ave to a modern roundabout. Design included roadway widening to accommodate bike lanes and on-street parking facilities and utilized the newly adopted roundabout design criteria for Miami-Dade County, dedicated bike lane access routes.

**Districtwide Safety Contract | FDOT District 6 | Transportation Engineer:** Mr. Spinks developed I-95 Traffic Diversions Operation Plan within Miami - Dade County, Florida in conjunction with the Traffic Incident Management Team and the South Florida Regional ITS Coalition. This project involved developing a series of operational plans to identify and evaluate traffic impacts on the closest diversion routes. This work will allowed FDOT to have a pre-planned traffic diversion program in place as well as determine operational changes that are needed along the designated diversion routes.



Miguel Soria, P.E.  
Senior Vice President

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

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.

**Old Cutler Roadway Improvements | Town of Cutler Bay | Chief Engineer:** CEI and Public Involvement for the 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 at 97th Avenue and 87th Avenue.

**N.E. 42nd Street | City of Miami | Construction Project Administrator:** Construction management and inspection for the resurfacing of NE 42nd Street to NE 48th Street from North Miami Avenue to NE 2nd Avenue. The project included milling and resurfacing, drainage improvements, ADA compliance, signing, and pavement markings.

**N.W. 14th Street Resurfacing and Widening | City of Miami | Construction Project Administrator:** Responsible for the construction management and inspection for the resurfacing from NW 34 Avenue to NW 22 Avenue. The scope of services covered resurfacing of NW 14 Street, widening for paved shoulder, drainage improvements, pedestrian ramps, and construction of street parking areas (concrete grid pavers).

**Buena Vista Heights Street Improvements, Phase 1 | City of Miami | Construction Project Administrator:** Responsible for the construction management and inspection for the resurfacing of NW 38th Street to NW 40th Street between North Miami Avenue to NW 2nd Avenue. The project included milling and resurfacing, drainage improvements, ADA compliance, signing and pavement marking, and landscaping.

**NW 25 Street Final Roadway Design and Post Design Services | FDOT District 6 | Engineer of Record:** Mr. Soria is the engineer of record for the reconstruction of NW 25 Street from NW 89 Ct. to NW 67 Ave and NW 22 St. Included in this project is the design of a complex Viaduct structure from NW 82 Ave to NW 22 St. This complex urban highway design integrated the viaduct profiles (including on-ramps and off-ramps specifically designed for large wheel base trucks) with the at-grade profiles (driveways and side streets). The drainage system consisted of a complex interconnected French Drain system with overflow structure with capacity for both the at grade roadway and viaduct structure. The drainage design required detailed analysis of existing side streets interconnecting those side streets to the proposed drainage system, while considering impacts to the surrounding area and the North Line Canal. Other elements of the roadway plans included a detailed Traffic Control Plans phasing over 50,000 AADT and a Truck Factor (T) greater than 15%. The construction documents also included the Structural plans, Signing and Marking, Signalization, and Lighting. Environmental issues such as North Line Canal impacts and site contamination played a major role in the project conclusion. Another factor in the success of the project was Mr. Soria's proactive utility coordination effort, utilities such as FPL (Dist./Trans.), Comcast, Florida City Gas, Everglades Pipe Line, AT&T, WASA, MCI, and Telefutura were key to the project completion. Due to the complex nature of the NW 25 Street project extensive interagency coordination was required. Some stakeholders include FDOT, Miami Dade County, City of Doral, Miami International Airport and FTAC (2000-2016).





Jose Quintana, P.E., CBI  
Executive Vice President, QA/QC

Years of Experience: 28

**AREAS OF EXPERTISE**

Bridge Inspections  
Roadway/Bridge Maintenance  
Operations

**EDUCATION**

BS Civil Engineering | Florida  
International University, 1987

**REGISTRATION**

PE Florida 47072, 1993

**CERTIFICATIONS**

Certified Bridge Inspector 0258

**TRAINING**

FHWA-NHI-130053 | Bridge  
Inspection Refresher, 2016

**WORK HISTORY**

Marlin Engineering, Inc.  
1/2016-Present  
Senior VP of Operations &  
Maintenance

Parsons Transportation Group  
8/2014-1/2016  
Principal Project Manager

Florida Drawbridge Services  
2/2013-8/2014  
Director of Operations

FDOT Turnpike Enterprise  
11/2006-2/2013  
Maintenance Engineer

FDOT District 4  
2/2003-11/2006  
District Structures & Facilities  
4/1993-2/2003  
Asst. District Structures &  
Facilities Engineer  
2/1990-4/1993  
Contracts Engineer

Jose Quintana has more than 28 years of bridge and roadway and maintenance operations experience. Specializing in the management of roadway asset maintenance programs including conventional, movable and complex bridge structure types. He has held FDOT positions as District Structures & Facilities Engineer, Turnpike Maintenance Engineer and as Director of Operations for an asset maintenance firm specializing in movable bridges. As Department Head for each of these agency units, he was responsible for managing and administering a safe, efficient and economical infrastructure preservation program.

Jose started his bridge inspection and maintenance operations career as a field inspector in on-site inspections of conventional, complex and movable bridge inspections (structural, mechanical, electrical), quality control field reviews and report review for bascule, vertical lift and swing span structures. His participation in field inspections has been pivotal to his hands on approach as project manager on numerous maintenance & construction projects and has given him the knowledge & skills to have a unique perspective at assessing and prioritizing work needs.

His experience includes emergency management planning of pre & post storm events, hurricane evacuations, incident damage assessment and implementation of recovery procedures. He has responded and managed over 10 FDOT Declaration of Emergencies involving infrastructure catastrophic incidents.

**MARLIN Engineering | Executive Vice President of Operations & Maintenance:** Responsible for developing, implementing and managing asset management programs as well as developing innovative solutions aimed at streamlining day to day general operations, compliance requirements and managing work programs with optimum fiscal responsibility. Responsible for the day to day technical operation of bridge inspection (inclusive of conventional, complex and movable bridge types), maintenance and survey operations. Provides technical expertise and customer relationship outreach (2016-Present).

**Parsons Transportation Group | Principal Project Manager:** Responsible for developing and preparing public-private partnership (P3) operations and maintenance procurement packages consisting of technical and handback output specifications. Led O&M team on the Gordie Howe International Bridge crossing over the Detroit River connecting the state of Michigan with the province of Ontario. Provided project management oversight, engineering studies, development of maintenance specifications and performance measures for all components of the crossing project on both sides of the border (2014-2016).

**Florida Drawbridge Services | Principal Project Manager:** Responsible for the day to day technical operation of bridge maintenance program with emphasis on movable bridge maintenance and operations, incident management, planning, budgeting, scheduling, and development & prioritizing of work maintenance needs. Oversight and management of Asset Maintenance project development and operations (2013-2014).

**FDOT | Turnpike Enterprise Maintenance Engineer:** Maintenance Engineer for Florida Turnpike's Roadway Maintenance Operations Unit. Responsibilities include oversight of maintenance program, incident management, planning, budgeting, scheduling, and development & prioritizing of the 5-year work program needs. Specific areas under management include, but not limited to contract administration, structures inspection & repair, environmental, landscaping, good neighbor program, emergency management procedures & implementation, permits, fleet and emphasis to customer service resolution. Oversight includes: • 460 center line miles, 700 bridges, and numerous miscellaneous structures. • \$30M maintenance budget, staff of 35 professionals consisting of engineers, managers, technicians and administrative personnel (2006-2013).

FDOT District 4 | District Structures and Facilities Engineer (2003-2006)  
FDOT District 4 | Assistant District Structures and Facilities Engineer (1993-2003)  
FDOT District 4 | Contracts Engineer (1990-1993)





Rafael Lagos, P.E.  
Chief Engineer

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

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.

**SR 834/Sample Road and SR 811/Dixie Highway Minor Design Safety Improvements | FDOT District 4 | Engineer of Record:** Signalization improvements (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 (2015).

**SR 710 – Warfield Blvd from FPL Martin Power Plant Rd to CR 609/ Allapattah Rd | FDOT District 4 | Senior Engineer:** Major reconstruction. 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 (2012-Ongoing).

**SR 811 – Dixie Highway from NE 26th Street to McNab Rd | FDOT District 4 | Senior Engineer:** Responsibilities included final roadway design for the milling and resurfacing of this corridor. Involved preparation of signing & pavement marking plans, estimate, electronic delivery, specification package, Community Awareness Plan, and the 3R Report (2009-2013).

**Krome Avenue from SW 8th Street to Kendall Drive | FDOT District 6 | Senior Engineer:** This is a major reconstruction project widening SR 994 from four to six lanes. Includes major permitting activities due to its proximity to sensitive wetlands. Mr. Lagos was responsible for the development of the all design plans including traffic control, drainage and structural plans (2007-2014).

**SR 90/SW 8th Street and SW 87th Avenue PD&E | FDOT District 6 | 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 (2014).

**Biscayne Trail Segments C and D PD&E and Design | Miami-Dade County | Senior Engineer:** 36.2 mile long multi-use trail study including a PD&E, trail design, and construction management. 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. He was involved in the coordination with permitting agencies such as FDOT, SFWMD, DERM, US Army Corps of Engineers and US Wildlife and Fishing (2006-Ongoing).

**NW 12th Avenue Bridge over the Miami River | FDOT District 6 | Project Engineer:** Project Engineer for the bridge inspection and, the bridge inspection report preparation for the NW 12th Avenue Bridge over the Miami River. Mr. Lagos also participated in the rehabilitation study to determine the rehabilitation or replacement of the bridge.







Jose Santiago, P.E.  
Senior Engineer

Years of Experience: 19

AREAS OF EXPERTISE

- Project Management
- Highway Design
- Roadway Design
- Signalization Design
- Lighting Design

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 has more than 19 years of engineering experience in the design and management of transportation engineering projects from intersection improvements to complex interchanges. 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. Before joining Marlin, Jose held various management positions at FDOT.

**Hollywood Blvd. Complete Streets Project | FDOT District 4 | 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 (2016-Ongoing).

**Adaptive Signal Control Technology Implementation | FDOT District 4 | Project Manager:** 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. (2016-Ongoing).

**SR 710/Northlake Blvd. Minor Design Safety Improvements | FDOT District 4 | Project Manager:** Lighting improvements at the intersection of SR 710/Northlake Blvd in Palm Beach County. Responsibilities include production and implementation of the safety report (2015).  
*Reference: Ron Wallace (954) 777-4641*

**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. Prepared the construction documents which included three design typical design alternatives, signing and pavement markings, traffic control plan, and cost estimate.

**West Lakes Drainage Improvement Project | Town of Miami Lakes | Project Manager:** 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 (2012).

**SR 710/Warfield Blvd. | FDOT District 4 | Project Manager/Engineer of Record:** Major reconstruction project for SR 710/Warfield Blvd. from FPL Martin Power Plant Road to CR 609/ Allapattah Road. Responsibilities include 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 (2012-Ongoing).

**SW 208 Street Roadway Improvements | Town of Cutler Bay | Project Manager:** Addition of a new center median, bike lanes and landscaping.

**Buena Vista Heights Street Improvements | City of Miami | Project Manager/Engineer of Record:** Responsible for the 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.





Roxana Matamoros, P.E.  
Director of Roadway Design, Project Engineer

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 FDOT and various municipalities throughout the State of Florida and is a licensed Professional Engineer.

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

**Hollywood Blvd. Complete Streets Project | FDOT District 4 | Senior Roadway Designer:** 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 (2016-Ongoing).

**SR 710/Northlake Blvd. Minor Design Safety Improvements | FDOT District 4 | 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 (2015).

**SR 834/Sample Road & SR 811/Dixie Highway Minor Design Safety Improvements | FDOT District 4 | Senior Roadway 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 (2015).

**SR 5 / US 1 at SW 192nd Street / Marlin Road | FDOT District 6 | Designer:** This was a safety project which included the addition of left turn lanes and the extension of the existing left turn lanes on the south and north approaches. Also included under this project were the milling and resurfacing of the road, drainage modifications, signing & pavement markings, and the replacement of the signal mast arms at the SW and NE quadrants (2009-2010).

**SR 5 / US 1 at SW 200th Street / Caribbean Blvd. | FDOT District 6 | Designer:** This was a safety project which included the extension of the existing left turn lanes on the south and north approaches. Also included under this project were the milling and resurfacing of the road, and signing & pavement markings (2009-2010).

**SR 710/Warfield Blvd. from FPL Martin Power Plant Road to CR 609/ Allapattah Road | FDOT District 4 | 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 (2012-Ongoing).

**Key Deer Preservation and US 1 Improvements | FDOT District 6 | Structural Engineer:** Bridge design services for the provision of under-roadway underpasses for the endangered Key Deer which inhabit Big Pine Key in the Florida Keys. Both underpasses are concrete bridge structures with a crossing width of 25 feet and a height of 8 feet. The dimensions were set by researchers who studied the deer and determined these dimensions would provide the deer with a sense of safety and comfort, thereby, encouraging the use of the crossing. Deer guards consisting of steel grid decking, customized to the width of the roadway and 25 feet in length were also designed. They were installed at the four side roads that intersect US-1 and one across US-1 to prevent the deer from accessing the corridor. Project also included overhead sign structures and signal mast arms





Raul Dominguez, P.E.  
Project Engineer

Years of Experience: 4

AREAS OF EXPERTISE

Highway Design  
Roadway Design

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)  
MOT

WORK HISTORY

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

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

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

Raul Dominguez has more than 5 years of experience in roadway design ranging from major reconstructions to minor intersection improvements along with bridge and overhead sign inspections in Miami-Dade, Broward and Palm Beach counties. Raul has worked on resurfacing, restoration and rehabilitation projects providing coordination, field review, design and production support. He is experienced in TCP design and MOT implementation, cost estimates, signing and pavement marking, drainage, pavement design, lighting, signalization, utility coordination, ADA compliance, streetscape, complete streets and construction engineering inspections. In addition to design and inspection services, he has led FEMA Hazard Mitigation Grant Program Application efforts for localize drainage improvements

**Districtwide Minor Design | FDOT District 4 | In House Support/Project Engineer:** Providing technical expertise in roadway design and plans production. Serving as an extension of D4 staff providing project management support addressing miscellaneous issues including utility coordination, MOT, signing and pavement marking and signalization. (2016-Ongoing).

**SR 997 (Krome Avenue) from South of SW 296 St. to South of SW 232 St | FDOT District 6 | Design Engineer:** Preparation of roadway plans and responsible for the signing & pavement marking plans for this project. Included modification of the existing typical section from a rural two lane road into a four lane divided road. The primary objective of this project was Safety, as the corridor has been in the High Crash List for 14 years in a row. The secondary objective was to improve capacity and correct existing design deficiencies (2015-2016).

**SR A1A RRR Design from East of Mercedes River Small Bridge to Sunrise Boulevard | FDOT District 4 | Design Engineer:** Responsible for the milling and resurfacing of SR A1A from the bridge over the Mercedes River to Sunrise Boulevard. Designated as a Florida Scenic Highway, this project included four different typical sections for SR A1A. A number of deficiencies were identified 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 (2014-2015).

**Wiles Road Design from Riverside Drive to Rock Island Road | Broward County | Design Engineer:** Responsible for preparing complete contract pans for the reconstruction and widening of Wiles Road, a six lane divided urban arterial. Broward County and FDOT share in the cost of improvements which included drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination and detailed traffic control plans (2015).

**West Lakes Drainage Improvement Project | Town of Miami Lakes | Designer:** Drainage improvements including the replacement of existing catch basins, the addition of manholes, the addition of new pipe, the addition of French Drain, milling and resurfacing of roadway, and the replacement of existing signing and pavement markings. The scope of work comprised of public involvement, specification package preparation, contract maintenance, Traffic Control Analysis, preparation of paving and drainage plans, performing calculations for French Drain Design and Drainage Design, and Documentation Report (2012).

**AD Barnes Park | Miami-Dade County | Designer:** Project included design, permitting and construction administration for various trails in the Miami-Dade Greenway Plans. 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 (2011-2013).





## John Blankenship Senior Designer

Mr. Blankenship has more than 28 years in engineering design (Civil, Roadway, Transit, Site, Structural and Utility), business development, programming, proposal and graphic design. 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.

Years of Experience: 28

### AREAS OF EXPERTISE

AutoCAD: Inroads / Civil 3D  
MicroStation: GeoPak

### EDUCATION

AA 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  
2009-2016  
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

**US-1 / Veteran's Park Safety Evaluation Study | FDOT | Senior Designer:** Traffic safety study of the accessibility of a left turning lane into Veteran Memorial Park along US-1 at Little Duck Key. Field evaluation, preliminary safety designs and data collection. (2017)

**Palmetto Bay 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. (2017)

**Townwide Traffic Calming Study | Town of Cutler Bay | Senior Designer:** Traffic calming study and evaluation for Cutler Bay. Data collection and preparing of a report of needed improvements for the benefit of traffic flow. (2017)

**Protect Bike Lane Study | Miami-Dade TPO | Senior Designer:** Planning and design of protected bike lanes throughout Miami-Dade County. Responsibilities included data collection and preparation of preliminary design. (2017)

**Bayshore Blvd. / SR-60 Final Design | FDOT | Civil Senior Designer:** Traffic analyses, development of alternatives, and final design of the intersection reconfiguration with the existing ROW. Scope included signalization and geometric modifications to the existing intersection.

**CR 484; From SE 4th to SR 500 | FDOT | Civil Senior Designer:** Final design of 2.8 miles of an arterial roadway to FDOT standards. It also included a bridge over the CSX railroad, drainage, permitting, utility coordination, and public involvement.

**SR-60A Plans Update | FDOT | Civil Senior Designer Roadway:** Final design for the reconstruction of a segment of SR 60A from a two-lane facility to a four-lane typical with a 22-foot raised median in Polk County, Florida. The project work entailed a bridge over Polk Street and the CSX railroad with retaining walls. Additional tasks included surveying right-of-way plans, drainage design, permitting, signing and marking plans, and signal and traffic control plans.

**US 92 Pedestrian Overpass Bridge | FDOT | Senior Designer:** Design-build project involved providing final designs for a pedestrian bridge over US 92 in Daytona Beach for access to the Daytona Speedway. The project involved coordination with FDOT and aesthetic enhancements due to the bridge's high visibility to pedestrians and users of the Daytona Speedway. The design work was completed within an accelerated nine-month construction schedule.

**Econlockhatchee Trail (SR50-Trevarthon) | Orange County | Civil Designer MOT:** Preparation of the preliminary and final designs for the one-mile reconstruction of Econlockhatchee Trail from SR 50 to Trevarthon Road. The project 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. Scope 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.







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. His background also includes over 9 years of Architectural design and construction experience.

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

**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.

**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.

**SR 710/Northlake Blvd. Minor Design Safety Improvements | FDOT District 4 | Lighting Designer:** Lighting improvements at the intersection of SR 710/Northlake Blvd in Palm Beach County. 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 997 – Krome Avenue from SW 8th Street to Kendall Drive | FDOT District 6 | Signalization/Lighting Designer:** 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. Also included is the preparation of signing and pavement marking plans and signalization, estimates, electronic delivery and specification packages.

**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.

**North Bay Road Pedestrian and Emergency Bridge | City of Sunny Isles Beach | Engineering Designer:** Responsible for the development of alternatives for a pedestrian & vehicular bridge. Duties included project management, design, permitting & public involvement

**Ludlam Trail- AD Barnes Park Improvements | Miami-Dade County | Engineering Designer:** Provided Architectural & Engineering Design for new restroom/rain shelter/path design.

**Greenway Biscayne Trail Segment | Miami-Dade County | Engineering 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.



Dalila Fernandez, P.E.  
Traffic Engineer

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

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, Ms. Fernandez has been involved in the development of conceptual design and alternatives analyses for roadway and pedestrian/bicycle facilities, as well as Project Development and Environment (PD&E) and feasibility studies.

**Districtwide Safety Contract | FDOT District 6 | Senior Traffic Engineer:** Ms. Fernandez 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 (2012-Ongoing).

*Reference: Misleidys Leon, (305) 470-5345; Vivek Reddy (954) 330-9111*

**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 (2014-Ongoing).

*Reference: Miguel Caldera, (305) 470-5335*

**Districtwide Traffic Operations Access Management | FDOT District 4 | Traffic Engineer:** Provide FDOT with Professional Traffic Engineering Services through in-house support and various traffic engineering studies. Marlin provides both proactive and reactive support to the District 4 Access Management Unit to include analysis for a varied range of conditions and situations. She prepared for, schedules and conducted meetings (Typically Pre-Application and Access Management Review Committee (AMRC) meetings) with developers, consultants and other governmental agencies. In addition, as part of this contact, Marlin prepares Access Management Master Plans, Qualitative Assessments and attends public meetings on behalf of the Department. Ms. Fernandez provides in-house support to the District (2014-Ongoing).

*Reference: Jonathan M. Overton (954) 777-4376*

**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, Average Daily Traffic (ADT), Design Hour Volume (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. She will analyze crash data of the corridor and will conduct an Arterial Safety Analysis (2015-Ongoing).

*Reference: Bill Evans, Stanley Consultants, (561) 584-8708; Maria Perdomo, FDOT, (305) 640-7186*





Leanne Garcia Fernandez, EIT  
Engineer Intern

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

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:** 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 (2014-Ongoing).

*Reference: Miguel Caldera, (305) 470-5335*

**Districtwide Traffic Operations and Safety Studies Contract | FDOT District 6 | Traffic Engineer Intern:** 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. (2015-Ongoing).

*Reference: Ivette Funtanellas (305) 470-5311 / Vivek Reddy (305) 704-6440*

**Paraiso Development-Traffic Impact Analysis | Traffic Engineer Intern:** Single phase development consisting of 276 condo units and 2,900SF of commercial/ retail. 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 (Ongoing).

*Reference: Jon Paul Perez, (305) 460-9900*

**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 (2013-2014).

*Reference: Chon Wong, (954) 777-4659*

**Trucking Classification Counts | FDOT District 4 | Traffic Engineer Intern:** Collected 24-Hour vehicle classification counts on trucking corridors at 362 locations within Broward County (158 locations), Palm Beach County (115 locations) and Treasure Coast (St. Lucie, Indian River and Martin Counties) (89 locations) on a typical weekday (Tuesday, Wednesday and Thursday) (2014).

*Reference: Chon Wong, (954) 777-4659*



## Abel Espino Martinez, EI, GLA 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)

### 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 6 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 Calming Study | Miami Shores Village | 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 Village in dealing with Miami Dade County's Public Work Department to obtain approval of recommendations. (2016-Ongoing).

*Reference: Tom Benton, (305) 762-4851*

**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 Village in dealing with Miami Dade County's Public Work Department to obtain approval of recommendations. (2016-Ongoing).

*Reference: Corrice E. Patterson, (305) 969-5011*

**Traffic Calming Study | Town of Cutler Bay | Traffic Analyst:** The purpose and goal of the project was to perform 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 dealing with Miami Dade County's Public Work Department to obtain approval of recommendations. (2016-Ongoing).

*Reference: Alfredo Quintero, (305) 234-4262*

**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.(2016).

*Reference: Eugene Collings-Bonfill, (305) 593-6617*

**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. (2015-2016).

*Reference: Eugene Collings-Bonfill, (305) 593-6617*







## Djemcy Limage Traffic Analyst

Years of Experience: 2

### 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

Mr. Limage has more than 2 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).

**Resurfacing Master Plan Update | City of Doral | Traffic Analyst:** Doral occupies a land area of approximately 15 square miles and maintains more than 57 miles of existing roadway network. The ultimate objective of this project was to update the Pavement Evaluation 2011 & Five-Year Maintenance and Rehabilitation Report, January 2012. This is achieved by performing 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 of Doral. 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 (12/2015-4/2016).

**Icon Biscayne Traffic Impact Analysis | Tower One LLC/Related Group | Traffic Analyst:** This project covered all 3 phases of the Icon Biscayne development in the city of Miami, Florida. The proposed property consisted of 3 "High Rise Residential Condominium" land use, with retail spaces at ground level. The scope of work included traffic study, data collection, existing condition analysis, trip generation analyses, trip distribution and assignment, background traffic, future traffic analysis, roadway network, recommended improvements, traffic circulation/access plan, queue analysis, and maneuverability analysis (9/2015-12/2015).

*Reference: JP Perez, (305) 533-0093*

**Statewide Seaport Origin/Destination Freight/Cruise Movement Study | FDOT Central Office Traffic Data Collection Specialist:** Served an instrumental part in the deployment and data collection of forty-five (45) Bluetooth receivers in support of the project. Performed daily maintenance checks to ensure that receivers were operating properly. Performed classification counts utilizing Mio-Vision cameras and assisted in the development of calibration factors for all port locations. Assisted in the filtering of millions of records of data to help identify truck and cruise traffic routes from I-95, I-75 and I-10 to each of the seaports and the five (5) most utilized routes across the state and from seaport to seaport (2015-2016).

*Reference: Thomas Hill, (850) 414-4924*

**SW 8th Street / SW 87th Avenue PD&E | FDOT District 6 | Traffic Analyst:** Assists with the development of traffic projections, Average Daily Traffic (ADT), and Design Hour Volume (DHV). He also assists in the design traffic projections development, which are used to establish the basic design requirements for roadway typical sections, and intersection design. He assists in the analysis of crash data of the corridor and the arterial safety analysis (2015-Ongoing).

**Districtwide Traffic Operations Safety Studies | FDOT District 6 | Traffic Analyst:** Providing FDOT with 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. (Ongoing).

*Reference: Miguel Caldera, (305) 470-5335*



## Harold Pantaleon Senior Engineering Technician

Years of Experience: 8

### 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  
IMSAs 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 8 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.

**Safe Routes to School 2016 & 2015 Applications | Miami-Dade TPO | Engineering Technician:** 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 twenty infrastructure applications to FDOT for funding based on the recommendations. Harold provided data collection and traffic engineering. (8/2016-4/2017)  
*Reference: David Henderson, Miami-Dade Transportation Planning Organization, (305) 375-1647*

**Statewide Vehicle Bluetooth Vehicle Data Collection | FDOT Central Office | 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 (8/2015-12/2015).

**Icon Biscayne Traffic Impact | Related Group | 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 (9/2015-12/2015). *Reference: JP Perez, (305) 533-0093*

**SR 933-12th Avenue Arterial Safety Study | FDOT District 6 | Engineering Technician:** Reviewed crash data, developed collision diagrams, figures and maps (4/2015-5/2015).

**West Flagler Tech Memo | FDOT District 6 | Engineering Technician:** Evaluation of the corridor to identify segment wide and specific locations of traffic safety concern/pattern of crashes and to develop probable causes and countermeasures. Mr. Pantaleon was responsible for reviewing crash data along the study segment, developing collision diagrams, assisting in identifying crash patterns, developing field review observation diagrams, and graphics (2015-2016).

**SW 10<sup>th</sup> 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 (2015-25016).





## 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.

Years of Experience: 1

### AREAS OF EXPERTISE

Industrial Engineering  
Traffic Engineering

### EDUCATION

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

### 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

### Safe Routes to School 2016 & 2015 Applications | Miami-Dade TPO | Engineering Technician:

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 twenty infrastructure applications to FDOT for funding based on the recommendations. Alexis provided data collection and traffic engineering. (8/2016-4/2017)

Reference: David Henderson, Miami-Dade Transportation Planning Organization, (305) 375-1647

### 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 (2015-Ongoing).

Reference: Miguel Caldera (305)470-5335

### Districtwide Traffic Operations and Safety Studies Contract | FDOT District 6 | Engineering Technician:

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 (2015-Ongoing).

Reference: Ivette Funtanellas (305) 470-5311; Vivek Reddy (305) 704-6440

### Bluetooth Statewide Vehicle Origin-Destination Study | FDOT Central Office | Engineering Technician:

Served an instrumental part in the deployment and data collection of forty-five (45) Bluetooth receivers in support of the project. Performed daily maintenance checks to ensure that receivers were operating properly. Performed classification counts utilizing Mio-Vision cameras and assisted in the development of calibration factors for all port locations. Assisted in the filtering of millions of records of data to help identify truck and cruise traffic routes from I-95, I-75 and I-10 to each of the seaports and the five (5) most utilized routes across the state and from seaport to seaport (2015-2016).

Reference: Thomas Hill, (850) 414-4924





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.

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

**SR 997 - Krome Avenue from SW 88th St to SW 8th St | FDOT District 6 | Survey Project**

**Manager:** Mr. Fleitas was responsible for the direction of all survey activities. This 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, topographic survey, and static mode GPS. (2007- 2009). Reference: Scott Perkins, P.S.M. (305) 470-5194

**SR 7 - US 441 from Bailey Road to North of Boulevard of Champions | FDOT District 4 |**

**Project Surveyor:** Mr. Fleitas was the Survey Project Manager responsible for the direction of all survey activities. This survey entailed topography survey, project network control, and milling and resurfacing for the Florida Department of Transportation, District 4. (2008 - 2009) Reference: Robert Hughan, PSM (954) 777-4556

**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. (2009 - 2009).

Reference: Jose Barrera, P.E. (305) 470-5260

**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. (2010 - 2010). Reference: Jorge Zaldivar (305) 375-1115

**SR 811/Dixie Highway from NE 26th Street to McNab Road | FDOT District 4 | Project**

**Surveyor:** Responsible for the direction of all survey activities. This survey entailed the establishment of vertical and horizontal control, digital terrain models, check cross sections, and providing topographic updates for the aerial photogrammetric survey. (2010 - 2011).

Reference: Bing Wang, P.E. (954) 777-4406

**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. (2011-2011).

Reference: Yuly Hernandez (305) 375-4384

**Greenways Biscayne Trail Segments C | 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. (2011-2012).

Reference: Adelfa Martinez (305) 755-7815







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.

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

**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.

**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.

**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.





## Adelís Cabán Acevedo Environmental Coordinator

Years of Experience: 10

### AREAS OF EXPERTICE

Wetland Delineation  
EPA NPDES Regulation  
Stormwater Pollution  
Prevention (SWPPP)  
Permitting

### EDUCATION

BS, Environmental Engineering,  
Polytechnic University, 2008

### CREDENTIALS

Transportation Worker  
Identification Credential  
(TWIC) for Port Access

### CERTIFICATIONS

Solutions for Efficient Energy  
Balance in Wastewater  
Treatment Plants, WEF, 2015

Improving Environmental  
Documentation, UPR Civil  
Engineering & Surveying  
Department, 2014

Wetland Delineation I:  
Education for Design and  
Construction, 2012

Wetland Delineation II:  
Methodology, Design and  
Construction, 2012

Marine & Coastal  
Development Impact  
Minimization Guide: Design to  
Permit, USACE, National  
Oceanic & Atmospheric  
Administration (NOAA), 2010

Adelís Cabán Acevedo is an environmental coordinator with experience in state and federal water quality standards and regulations, wetland delineation, 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 (SWPPP), collecting data, providing project documentation and conducting site inspections. Adelís has led and managed several important projects, such as, environmental studies for ecosystem restoration, and environmental compliance for a maritime terminal improvements project.

**Replacement of Bridge 702 | Puerto Rico Highway & Transportation Authority | Associate Project Manager/Environmental Coordinator:** Performed as associate project manager of the Federal and State environmental compliance effort. Participated in project meetings with the client, coordinated meetings between the client and the agencies, and oversaw the project schedule and deliverables. Preparer of the Phase 1 Environmental Site Assessment and co-author of the Environmental Justice Report. Staff support in the wetland delineation effort. This project involved the design, environmental compliance, and construction management of the replacement of Bridge No. 702, located at PR-601 KM 0.1, in the municipality of Arecibo. Bridge superstructure is in extreme condition of deterioration because of the delaminating beam bearing pads and the advance deterioration of the bearings. This bridge crosses over Tiburones Canal, nearby Cienaga Tiburones. This Federal Highway Administration (FHA) sponsored project was selected to contribute in the FHA second Strategic Highway Research Program (SHRP2), Managing Risk in Rapid Renewal Projects (R09) (8/2015-6/2016).

**Construction Permitting Project | PC St. Thomas, USVI | Environmental Coordinator:** Construction permitting and coordinated meetings between the client and USVI Department of Planning and Natural Resources. The project consisted of conducting the construction permitting process for a new 30Kbbs diesel storage tank and cargo pipeline from Crown Bay Marina Pier to USVI Fuel Service Terminal at PC Puerto Rico, LLC, located in St. Thomas, USVI (6/2015).

**San Juan Caño Martín Peña Ecosystem Restoration Project – Feasibility Report and Environmental Impact Statement | Corporación del Proyecto ENLACE del Caño Martín Peña | Associate Project Manager/Environmental Coordinator:** Maintained, wrote and revised quality assurance documentation and procedures. Developed proposed project objectives and targets, and reported to management on progress in attaining them. Performed site inspections, planned and coordinated fieldwork, and provided scientific staff support. 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. Provided administrative support for projects by collecting data, provided project documentation, and performed other general administrative duties.

Project involved preparing and completing a feasibility report and environmental impact statement for the Caño Martín Peña ecosystem restoration project. The document had to comply with both federal and Puerto Rico's applicable environmental legislation and regulations. Throughout the years, federal and Puerto Rico's governmental agencies performed relevant studies in the project area. These studies, other related correspondence, and information collected during field visits will be used as a base from which to continue the required planning studies. Information in the previous reports will be expanded and updated as required to reflect current problems and opportunities and desires of the public, to establish final planning criteria and planning objectives to be used to formulate plans, to identify additional measures to meet the final planning objectives, and to formulate the first array of alternatives to be evaluated (10/2010-10/2013).





## German J. Sanchez, EI Engineering Inspector

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

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.

**NW 92<sup>nd</sup> Avenue | City of Doral | CEI Inspector:** Provides field observation and oversight to the construction improvements of NW 92<sup>nd</sup> Avenue in the City of Doral. This includes 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. (9/2016-Ongoing)

**Districtwide General Engineering Contract | FDOT District 4 | Rail Specialist:** Team member in SFRC 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.

**Tamiami Trail Next Bridge Design-Build | FDOT District 6 | Senior Designer:** Team member assisting in designing the 2.6 mile project. Production of roadway plans including three bridges as well as the signing and pavement markings.

**NW 92<sup>nd</sup> Avenue Extension Project | City of Doral | Senior Designer:** Team member assisting in designing the signing and pavement markings for the extension of the roadway from 500' North of NW 25<sup>th</sup> Street to a new intersection at NW 36<sup>th</sup> Street.

**Biscayne Trail Segment C | Miami-Dade County | Designer:** A seven mile shared use path built on top of Army Corps of Engineers levee. 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 the planning department within the company that acted as the point of contact with the project manager from the County Parks agency and other governmental agencies. (2011-2012)

**N.W. 25th Street (West Segment) Post-Design | FDOT District 6 | Designer:** Assisted contractor by answering any questions or issues that were encountered during redesign of contract plans. 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. (2011-2012)





Julie A. Vers, P.E.  
Structural Design Manager

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 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 computer applications for structural design and analysis including, 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. Julie manages and serves as QC Engineer for MARLIN's Structures Design & Inspection Departments.

**Florida Keys Overseas Heritage Trail (FKOHT), Monroe County | 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. (2013)

**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. (2016)

**Traffic Signal Mast Arms & High Mast Light Poles Inspection | FDOT District 6 | QC Engineer:** Contract involves the inspection of traffic signals mast arm and high mast light pole structures throughout Miami-Dade County (12/2016-Ongoing).

**Boat Ramp Repair/Accessory Pier Design | Monroe County | Project Manager/Structural Engineer:** Repair of three boat ramp facilities, including the replacement of two timber boat docks and the design of a new reinforced concrete accessory pier. (2015)

**Bridge Assessment | City of Port St. Lucie | Project Manager/Structural Engineer:** Review of FDOT inspection reports for 32 City-owned bridges. Julie performed field investigation for bridge assessment at each bridge site and prepared a prioritized list of repairs and maintenance items to address the aging bridge structures. (2015)

**Districtwide Local Government In-Depth Bridge Inspections | FDOT District 6 | QC Engineer:** Underwater bridge inspection of all Local Government bridges located within FDOT D6. Contract includes 346 bridges consisting of 11 bascules, 243 underwater inspections, 17 fracture critical inspections and additional interim inspections (12/2016-Ongoing).

**Anchorage Seawall Repairs, Palm Beach County | Anchorage Association at Jonathan's Landing | Project Manager/Supervisor:** A condition assessment for the timber pile and panel seawall. Responsible for coordinating all necessary field investigation to determine seawall piles, panels and cap components to be identified for repair, as well as, preparing contract documents including seawall / roadway repair, probable construction cost and technical specifications. (2016)





Years of Experience: 29

AREAS OF EXPERTISE

Structural Design  
Structures Inspections

EDUCATION

BS Civil Engineering,  
Rensselaer Polytechnic  
Institute, 1981

REGISTRATIONS

PE #41956, Florida

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.

**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. 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.

**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. (2015-Ongoing).

**I-95 Rigid Pavement Reconstruction | FDOT District 6 | Structural Engineer:** Evaluated bridges to determine the rehabilitation work necessary to meet FDOT and AASHTO requirements, for development of the Design/Build RFP. Prepared preliminary design plans for approach slab replacements and performed Load Ratings for barrier retrofits.

**Aluminum Sign Structure Replacement | FDOT District 4 | 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.

**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.

**Arch Creek Pedestrian Bridges | City of North Miami | Design Engineer:** 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.

**Keys Emergency Bridge Piers | FDOT District 6 | Structural Engineer:** Reevaluation of plans for temporary piers to support an Acrow bridge superstructure for the Florida Keys bridges on SR-5 (US-1) in the event of an emergency situation requiring a detour on a bridge. Ms. Russell prepared design plans and finite element analysis for steel truss pier. (AASHTO ASD design).



Eduardo Vazquez, EI, CBI  
Vice President, Structures Division

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

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 is a former FDOT District 4 Certified Bridge Inspector and has a Bachelor's of Science in Civil Engineering with structural specialization. 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. Mr. Vazquez 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

**Florida Keys Asset Management Contract | FDOT District 6 | Senior Bridge Inspector:** 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 (2007-2013).

**Underwater Bridge Inspection for the Seven-Mile and Channel Five Bridges of the Florida Keys | FDOT District 6 | Senior Bridge Inspector:** Managed this contract for FDOT and assisted in performing the underwater bridge inspection and scour evaluation of the substructure components of these bridges in contact with the water (2004-2005).

**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 (2016-Ongoing).

**Districtwide Local Government In-Depth Bridge Inspections | FDOT District 6 | Project Manager:** Project consists of the underwater bridge inspection of all Local Government bridges located within the geographical limits of the Department of Transportation District Six 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 (2015-Ongoing).

**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 (2016-Ongoing).

**Traffic Signal Mast Arms & High Mast Light Poles Inspection | FDOT District 6 | Project Manager:** Inspection of traffic signals throughout Miami-Dade County (2013-Ongoing).

**Routine Structure Inspections | Miami-Dade Expressway Authority | Project Manager:** Currently leading this assignment for Marlin. 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 (2009-Ongoing).

**Consulting Services for Bridge Master Plan City of Ft. Lauderdale | Managed Contract:** Led this assignment for Marlin Engineering. 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.





Alexis Rego, CBI  
Structures Inspection Supervisor

Alexis Rego, CBI has 16 years of experience in the area of structural inspections both topside and underwater, including bridges (conventional and fracture critical), overhead signs, culverts, high mast lights, piers, seawalls and a variety of other structures.

Years of Experience: 16

AREAS OF EXPERTISE

Project Management  
Bridge Inspection

EDUCATION

Bachelor of Business  
Administration  
Universidad Interamericana  
1997

CERTIFICATIONS

Certified Bridge Inspector,  
#00409  
CPR Certified  
OSHA Fall Protection  
PADI Rescue Diver  
FHWA Underwater Bridge  
Inspection Training  
MOT Advanced  
TSMA Failure and Inspection  
Training  
National Bridge Element  
Training, 2014  
Confined Space Entry Training,  
2015

WORK HISTORY

Marlin Engineering, Inc.  
6/2000 to Present  
Structures Inspection  
Supervisor

**Florida Keys Asset Management Contract | FDOT District 6 | Certified Bridge Inspector:** Mr. Rego was a team leader for the underwater portion of the inspections. This contract included over 35 bridges along the US-1 on Monroe County (2007-2013).

**Seven-Mile and Channel Five Bridges of the Florida Keys | FDOT District 6 | Certified Bridge Inspector:** Performed the underwater bridge inspections and scour evaluation of the substructure components of these bridges in contact with the water (2004-2005).

**Districtwide Asset Management | FDOT District 6 | Certified Bridge Inspector:** Asset Management services including overhead sign inspections throughout District 6. Includes routine maintenance and repair activities associated with overhead sign structures (2016-Ongoing).

**Districtwide Local Government In-Depth Bridge Inspections | FDOT District 6 | Certified Bridge Inspector:** Project consists of the underwater bridge inspection of all Local Government bridges located within the geographical limits of the Department of Transportation District Six 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 (2015-Ongoing).

**Consulting Services for Bridge Master Plan for the City of Ft. Lauderdale | Certified Bridge Inspector:** Project entailed the individual underwater structural evaluation and reports for the City's 52 bridges. These reports identified and quantified the deficiencies of the bridges and recommended whether the structure requires repair, rehabilitation or replacement (2014-2015).

**PortMiami Wharves Strengthening Program | URS Corporation Southern| Certified Bridge Inspector:** This contract entailed the underwater inspection of the entire PortMiami seawalls as part of the Bond Engineering Report Services to the PortMiami, in conjunction with another consultant (2010-2013).

**Traffic Signal Mast Arms & High Mast Light Poles Inspection | FDOT District 6 | Certified Bridge Inspector:** This contract entails the inspection of traffic signals throughout Miami Dade County (2013-Ongoing).

**Underwater Bridge Inspection for Florida Turnpike | Florida Turnpike Enterprise | Certified Bridge Inspector:** For this contract, in association with another consultant with the Florida Turnpike Enterprise, Mr. Rego performs underwater bridge inspection, scour survey and analysis, and report processing on 85 turnpike structures from milepost 0 to 199 (south system) (2004 - 2005 & 2011-Ongoing).

**MDX Routine Structure Inspections | Miami-Dade Expressway Authority | Certified Bridge Inspector:** Mr. Rego is currently leading a team for Marlin Engineering. This contract entails the structural underwater and top side inspection of 127 bridges and also over 120 Overhead Sign structures (2009-Ongoing).

**Asset Management of Movable Bridge and Fender Systems | FDOT District 6 | Certified Bridge Inspector:** 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 (2016-Ongoing).





Jeffrey Weidner, MSP  
Vice President, Project Manager

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

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.

**US-1 SW 152<sup>nd</sup> Street to I-95 Master Plan | FDOT District 6:** 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 (8/2016-1/2018).

**SR 80 from US 27 to I-95 Action Plan | FDOT District 4:** Manages the transit, bicycle, pedestrian and freight elements of a 45 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 regional transit and park and ride and truck/rail/intermodal improvements (2015-Present).

**Palm Beach MPO 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 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. (1/2016-8/2016)

**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. (9/2016-9/2017)

**SW 10<sup>th</sup> Street Consensus Building Livability Planning | Broward MPO | Project Manager:** Managed 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 over 25 years. Included the development of a project brand, website and collateral material and 46 local meetings to inform the public and to get them to understand that there are opportunities that are passing them by. Received a 17-1 vote at MPO Board to move forward. (12/2015 to 12/2016).

**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 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.





## Jennifer Fierman, AICP, CPM Multimodal Project Manager



Years of Experience: 10

### 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  
Multimodal 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

Ms. Fierman is responsible for managing the firm's multimodal disciplines across the state including the Miami, Plantation, 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.

**Protected Bike Lanes Master Plan | Miami-Dade TPO | Project Manager:** Ms. Fierman is 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. The study will identify two pilot projects for fast-track implementation. (8/2016 – 5/2017)  
*Reference: David Henderson, Miami-Dade Transportation Planning Organization, (305) 375-1647*

**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 TPO to build a repository of historic bicycle and pedestrian data and identify trends in walking and bicycling throughout the county. (8/2016 – 6/2017)  
*Reference: David Henderson, Miami-Dade Transportation Planning Organization, (305) 375-1647*

**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 (2/2016-6/2016).  
*Reference: David Henderson, Miami-Dade Transportation Planning Organization, (305) 375-1647*

**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 (9/2015-Present).  
*Reference: Miguel Vargas, (954) 777-4347; Jessica Josselyn, Kittelson & Associates, (954) 828-1730*



Eric R. Katz, MURP  
Strategic Planner

Years of Experience: 9

AREAS OF EXPERTISE

Strategic Planning

EDUCATION

MA Urban and Regional Planning, FAU, 2013

BA Anthropology/Sociology & History, FIU, 2008

AA Mass Communications/ Journalism, Miami-Dade College, 2005

CERTIFICATION

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

HandOn Miami 2008-2010

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, evaluates existing and proposed structures, and determines areas of need and improvement for various transportation mediums, including highways, subways as well as street cars. 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 to deliver clear and informative presentations and reports illustrating both analytical data and improvement recommendations. Additionally, his excellent writing skills helped him secure many grants, improving the quality of life for numerous communities

**Safe Routes to School 2016 & 2015 Applications | Miami-Dade TPO | Planner:** 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 twenty infrastructure applications to FDOT for funding based on the recommendations. Eric's tasks included public outreach, data collection and bicycle and pedestrian recommendations. (8/2016-4/2017)

**Protected Bike Lanes Master Plan | Miami-Dade TPO | Planner:** MARLIN is leading 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. (8/2016-5/2017)

**Bike Friendly Miami-Dade Program | Miami-Dade TPO | Public Outreach Coordinator/Planner:** Coordinating and preparing the applications for the Bicycle Friendly Community designation for Miami-Dade County from the League of American Bicyclists. Primary tasks include identifying and assisting municipalities, businesses, and/or universities that also may be interested in obtaining a Bicycle Friendly designation. Finally, 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 include public outreach, data collection and coordination of the Miami-Dade bike friendly summit. (8/2016-6/2017)

**US-1 from I-95 to SW 152 St Corridor Study | Planner:** Performing data collection, analysis and speed and delay bus exercise for a corridor study along US-1 from Vizcaya Metrorail Station to SW 152 St Park & Ride Lot. The study will analyze existing conditions, identify recurring congestion locations; and evaluate multi-modal transportation improvement needs based on future travel demand. The study will identify conceptual improvements for congested locations along the US-1 corridor and provide recommendations for subsequent studies (6/2016-2/2018)

**Traffic Calming Study | Town of Cutler Bay | GIS / Graphics / Public Outreach:** 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 is to identify particular locations which present speeding/traffic volume problems, determine whether and where traffic calming measures are needed and if so to develop suggestions as to what type of traffic calming measures are recommended for that particular street location in order to reduce any identified speeding and/or traffic volume problem for that particular street (9/2016-06/2017).





## Ken Gardner, ASLA, LEED AP President, GSLA Design



Ken has over 23 years of experience at GSLA Design (GSLA). He has extensive knowledge of landscape design and has prepared landscape plans for many streetscapes, parks, garages, schools, condominiums, and commercial centers throughout Miami-Dade, Broward and Palm Beach Counties. He has prepared master land use plans and site plans for parks, residential communities, and retail centers. He has generated site construction plans and details, as well as planting, irrigation, and lighting plans for projects up to \$600 million. As a native of South Florida, Ken's knowledge of sub-tropical plant material and its application is extremely strong. He became LEED certified in 2009 and has completed many projects that have received recognition from the U.S. Green Building Council.

- Education: Bachelor of Landscape Architecture, University of Georgia
- Licenses: State of Florida Certified Landscape Architect #1569  
LEED AP Certified 2009  
Crime Prevention Through Environmental Design – Certified 1999
- Memberships: American Society of Landscape Architects  
Transportation Aesthetic Review Committee (TARC)  
Community Image Advisory Board (CIAB)  
United States Green Building Council (USGBC)

### RELEVANT EXPERIENCE

#### **Key Largo Bike Path – Key Largo**

This project was a 6-mile bike path through Key Largo along US1. GSLA prepared planting plans. Plant material was selected using mainly natives and consideration was made for low maintenance requirements.

#### **Publix - Big Pine Key**

GSLA prepared planting and irrigation plans for a new Publix on Big Pine Key. The planting design included mainly native plants and the irrigation plan was designed to ensure extreme water efficiency.

#### **8 Miami Beach Pump Stations – Miami Beach**

GSLA prepared planting and irrigation plans for 8 new or rehabilitated pump stations throughout Miami Beach, as part of a Design-Build Contract. GSLA conducted meetings with adjacent residents and other stakeholders to incorporate their desires into the designs where feasible. It was imperative to use mostly native, sustainable and maintainable species, in order to ease maintenance responsibilities on the City.





***Rickenbacker Causeway, Hobie Beach North Side - Key Biscayne***

GSLA prepared existing tree disposition and planting plans for the rehabilitation of the north side of Hobie Beach. Plans included the removal of all invasive exotic species and the planting of native plants.

***Hallandale Beach Boulevard Gateway – Hallandale Beach***

This project was for improvements to the retention areas on the north and south sides off I-95 on Hallandale Beach Blvd. GSLA prepared grading and planting plans that needed to meet all criteria set forth by FDOT. GSLA also designed new planting to enhance the entry signage for the city. GSLA used strictly native plant material to meet sustainability and maintainability requirements.

***Miami Beach Restrooms – Miami Beach***

GSLA prepared planting and irrigation plans for 5 new restroom facilities located on Collins Avenue between 6th Street and 64th Street in Miami Beach. Plant materials were carefully selected to withstand rough beach conditions and heavy pedestrian traffic.

***Harbor Drive - Key Biscayne***

GSLA prepared landscape plans for the rehabilitation of an existing neighborhood and commercial street to provide on-street parking, roundabouts and wide, shaded sidewalks.

***Nautilus Neighborhood, Flamingo Neighborhood, and Biscayne Pointe - Miami Beach***

These projects were right-of-way infrastructure improvement programs, where improvements to drainage, street pavement and street tree plantings were made. GSLA prepared existing tree disposition plans, made lists of existing encroachments into the right-of-way, and prepared planting and irrigation plans for swales and park areas.

***Old Cutler Road – Cutler Bay***

GSLA prepared landscape plans for an approximately 1 ¼ mile section of Historic Old Cutler Road through Cutler Bay. This plan incorporated wide sidewalks and a significant number of shade trees to provide for a pleasant pedestrian experience. An important aspect of this design was the utilization of “Connect to Protect”, an innovative idea developed by Fairchild Tropical Gardens to connect natural areas with a “ribbon” of native plantings.

***Harding Avenue – Miami Beach***

The project scope was for the beautification of the Town’s Downtown District which would be the catalyst for its future development. The improvements consisted of replacing the existing palms and adding new ones, as well as up-lighting and seasonal lighting, and pocket parks at mid-block crossings and at the street corners. Additional seasonal landscaping was added along with street furnishings and wider green areas while maintaining the existing sidewalk clear path areas, thus providing a pleasant pedestrian experience. All hardscape design was configured in a way to maximize outdoor dining opportunities.







## Taylor Kiehl Semler

*Project Manager, GSLA Design*



### EDUCATION

University of Georgia - Athens, GA  
Bachelor of Landscape Architecture

### LICENSE

State of Florida Certified Landscape Architect #7205

### PROFESSIONAL EXPERIENCE

2008 to date, GSLA Design

Kiehl has over 9 years of Landscape Architecture experience at GSLA Design. He prepares hardscape, planting, and irrigation plans for numerous projects such as parks, streetscapes, large scale developments, residences and retail centers. He handles site inventories, client meetings, public presentations and oversees project installation. He is an expert in using computer aided design applications for planning practices and rendering of plans.

### RELEVANT EXPERIENCE

#### ***Maison Matecumbe – Islamorada***

3 new buildings containing 12 luxury condominiums are being added to an existing gated beach resort in Islamorada. GSLA prepared planting, irrigation and landscape lighting plans for the project. Careful consideration of plant material was made to account for the harsh sea conditions. Irrigation systems were designed to conserve water. Mainly native plants were selected.

#### ***Mote Tropical Research Facility – Summerland Key***

A new building dedicated to marine research and education is being built on the existing property of this oceanic science laboratory in the lower Keys. GSLA prepared plans according to LEED standards and included strictly native plant material.

#### ***Nautilus Neighborhood, Flamingo Neighborhood, and Biscayne Pointe - Miami Beach***

These projects were right-of-way infrastructure improvement programs, where improvements to drainage, street pavement and street tree plantings were made. GSLA prepared existing tree disposition plans, made lists of existing encroachments into the right-of-way, and prepared planting and irrigation plans for swales and park areas.



***Rickenbacker Causeway, Hobie Beach North Side - Key Biscayne***

GSLA prepared existing tree disposition and planting plans for the rehabilitation of the north side of Hobie Beach. Plans included the removal of all invasive exotic species and the planting of native plants.

***Caribbean Boulevard – Cutler Bay***

This project was a 1 ½ mile section of Caribbean Boulevard through the heart of Cutler Bay. GSLA evaluated the existing vegetation and determined the best way to create a cohesive design and allow as much of the existing landscape to remain as possible. New trees and palms were proposed to enhance this design. GSLA prepared planting and irrigation plans.

***Old Cutler Road – Cutler Bay***

GSLA prepared streetscape improvements that addressed components such as inventory and assessment of existing street trees, planting design, and irrigation design. Cutler Bay’s goal was to create an aesthetically pleasing pedestrian corridor which would enhance the accessibility of the area and create optimal traffic and pedestrian safety conditions.

***Indian Creek – Miami Beach***

This project was a landscape beautification master plan for the entrance to the Island and streetscape of 44 homes and a golf course on an island in Biscayne Bay. GSLA prepared plans and specifications to obtain bids to implement the Landscape Beautification Master Plan.

***Harding Avenue – Miami Beach***

The project scope was for the beautification of the Town’s Downtown District which would be the catalyst for its future development. The improvements consisted of replacing the existing palms and adding new ones, as well as up-lighting and seasonal lighting, and pocket parks at mid-block crossings and at the street corners. Additional seasonal landscaping was added along with street furnishings and wider green areas while maintaining the existing sidewalk clear path areas, thus providing a pleasant pedestrian experience. All hardscape design was configured in a way to maximize outdoor dining opportunities.

***South Pointe Park Rehabilitation – Miami Beach***

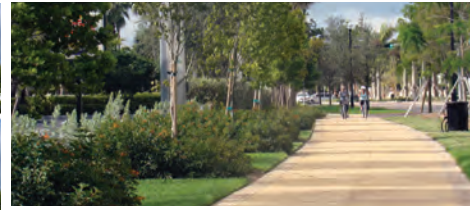
GSLA prepared a report and plans for rehabilitation of an existing 10-acre park at the south end of Miami Beach. The report was a detailed analysis of the soil and landscape design deficiencies that impeded proper growth of the landscape. GSLA coordinated rehabilitation efforts, provided for intricate phasing of construction activities to allow for continued use of the park and performed construction administration services.



# PAST EXPERIENCE







Since 2008, MARLIN has been the Town of Cutler Bay’s General Engineering Consultant providing: roadway/streetscape design, stormwater design, cost estimating, construction management and inspections, environmental engineering, permitting, transportation planning, traffic engineering, traffic-impact and safety studies, parking studies, multi-modal traffic planning and design, bike/ped path design and integrated mobility options, traffic calming and surveying.

**FEATURED PROJECTS**

**Traffic Study for SW 208th Street.** The study documented the impact on capacity and Level of Service (LOS) due to the proposed roadway modifications along SW 208th Street from SW 87th Avenue to Old Cutler Road. MARLIN performed engineering services which included traffic volume data collection, speed surveys, traffic projections and existing/future intersection LOS analyses. *Cost: \$24,900*

**Roadway Design for the Improvements to SW 208th Street.** The existing roadway configuration was a five-lane undivided facility with residential dwelling abutting the project to the north and south. MARLIN reconfigured the roadway to include a two-lane divided facility and a median with landscape components. The improvements included the provision of a bicycle lane. MARLIN also converted the existing two-way left turn lanes into a raised landscaped media. In addition to design services, we conducted public workshops and provided survey, cost estimating and construction management services.

**Old Cutler Road Improvements.** MARLIN provided Construction Engineering Inspections and Public Involvement Services for the reconstruction of Old Cutler Road which included adding 2 lanes, curb and gutter, shared use pedestrian/bicycle path, stormwater drainage, decorative street lighting, signalization, landscaping, and two traffic-calming circles. MARLIN coordinated and scheduled: inspections, material testing, construction work, safety zones and the relocation of public utilities. We organized stakeholders meetings, community outreach workshops and attended council meetings. *Cost: \$424,500*

**Other projects include:**

- SW 100th Avenue Roadway Improvement
- SUE for SW 92 Avenue and Old Cutler Road
- Townwide Traffic Calming Alternatives Master Plan
- Town Hall Conceptual Landscape Development Plan
- Street Tree Master Plan
- Intersection Inventory
- Multi-Way Stop Sign Warrant Study
- Town Hall Parking Lot Design & Construction Engineering Insp.
- Kayak Launch Design and Surveying
- Town Hall Old Parking Lot Lighting Analysis & Installation

**GENERAL ENGINEERING CONSULTANT**

Town of Cutler Bay, FL

**DISCIPLINES**

- Civil Engineering
- Environmental Engineering
- Transportation/Traffic Engineering
- Construction/Project Management
- Engineering Design Services
- Plan & Development Review
- Inspection Services
- Engineering Studies
- Cost Estimating
- Public Involvement
- Surveying

**REFERENCE**

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

**PROJECT DATES**

2014-Present  
 2008-2014

**COST**

Task Work Order  
 Based Contract





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



MARLIN is the General Engineering Consultant providing engineering, planning and surveying services to Palmetto Bay. Services associated with this task work order contract include:

- Civil Engineering
- Transportation/Traffic Planning and Engineering
- NPDES Permitting and storm water management
- Drainage
- Construction Engineering Inspections
- GIS Mapping
- Utility Infrastructure Evaluation and Review
- Plan and Development Review
- Land Development
- Environmental Engineering
- Surveying
- Project Management
- Cost Estimating
- Permitting and Inspections

**FEATURED PROJECTS**

**Downtown Study.** The Downtown Palmetto Bay revitalization involves improvements to dining and entertainment, landscape, traffic/streetscape and architecture guidelines. MARLIN was tasked to analyze and evaluate the impacts of the street closures on the surrounding roadway network and intersections based on the new design planned for the 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 study

included road closures, proposed traffic circles and traffic counts. MARLIN was honored to have been on the team for the Village of Palmetto Bay project as this important study received the ‘**Outstanding Planning Award**’. *Cost: \$40,000*



**Traffic Calming.** MARLIN provided traffic engineering and transportation planning services for the preparation of a Traffic Calming Plan for SW 77th Avenue to SW 136th Street. *Cost: \$65,000*

**GENERAL ENGINEERING CONSULTANT**

Village of Palmetto Bay, FL

**DISCIPLINES**

- Civil Engineering
- Environmental Engineering
- Transportation/Traffic Engineering
- Construction/Project Management
- Engineering Design Services
- Plan & Development Review
- Surveying
- Inspection Services
- Engineering Studies
- Cost Estimating
- Public Involvement

**REFERENCE**

Village of Palmetto Bay  
Ed Silva  
305.259.1234  
esilva@palmettobay-fl.gov

**PROJECT DATES**

2013-Present  
2003-2008

**COST**

Task Work Order Based Contract



As the General Engineering Consultant, MARLIN performs a variety of services to various departments within the City including Public Works, Parks and Recreation, Building, and Planning & Zoning.

Services under this contract include planning, design and construction management for roadways, drainage, structural, bridge, MEP, traffic engineering, civil/site planning, water and sewer, environmental assessments and engineering, permitting, land use and zoning, architectural design and space planning, construction management, and project management.



**FEATURED PROJECTS**

**NW 112th Avenue Design.** MARLIN prepared a contract set of plans for pavement rehabilitation and restoration of NW 112th Avenue. Services included survey, civil engineering design, cost estimating and construction management.

**NW 50th Street Bike Path.** Provided design and survey for a shared-use path/bicycle path along an existing FPL easement from NE 107th Avenue to NW 117th Avenue. *Cost: \$39,000*

Services included:

- Design analysis to accommodate the bike path, approx. 16 feet wide.
- Evaluation of path alignment with City and FPL.
- Bicycle path Typical Section Package for new section.
- Traffic control installation at each end to deter vehicular access.
- Pavement Design Package.
- Signing and Pavement Markings plans to restrict use only by pedestrian and bicycle.
- Topographic Survey to establish the location of the path.
- Meeting with the City and Public Information Workshops.
- Permit coordination.
- Coordination with FPL and other agencies.
- Prepare construction estimate.

**NW 92nd Avenue Reconstruction.** Design and Construction Engineering Inspections for the signing and pavement markings for the extension of the roadway to a new intersection at NW 36th Street. *Cost: \$200,000*

**Other Projects**

- Various Traffic Calming Studies
- Citywide Traffic Calming Master Plan
- NW 33rd Street Design/Build Criteria
- 5-Year Pavement Management Program

**GENERAL ENGINEERING CONSULTANT**

City of Doral, FL

**DISCIPLINES**

- Civil Engineering
- Environmental Engineering
- Transportation/Traffic Engineering
- Construction/Project Management
- Engineering Design Services
- Plan & Development Review
- Inspection Services
- Engineering Studies
- Cost Estimating
- Public Involvement
- Surveying

**REFERENCE**

City of Doral  
 Jorge Gomez  
 305.593.6740  
[jorge.gomez@cityofdoral.com](mailto:jorge.gomez@cityofdoral.com)

**PROJECT DATES**

2015-Present  
 2008-2013

**COST**

Task Work Order  
 Based Contract





As General Engineering Consultant to Miami-Dade County Parks and Recreation Department, MARLIN provides design, planning, and surveying services.

**FEATURED PROJECTS**

**AD Barnes Park.** MARLIN provided civil engineering services for this 65-acre park including design, permitting and construction administration. Services include 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, and grading the site to eliminate standing water in proposed improved area. *Cost: \$158,022*

**Greenways Biscayne Trail Segments C&D.** 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
- 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.

**GENERAL ENGINEERING CONSULTANT**

Miami-Dade County, FL

**DISCIPLINES**

- Civil Engineering
- Environmental Engineering
- Transportation/Traffic Engineering
- Construction/Project Management
- Engineering Design Services
- Plan & Development Review
- Inspection Services
- Engineering Studies
- Cost Estimating
- Public Involvement
- Surveying

**REFERENCE**

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

**PROJECT DATES**

2006-Present

**COST**

Task Work Order  
 Based Contract



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.

## GENERAL ENGINEERING CONSULTANT

Town of Miami Lakes, FL

### FEATURED PROJECTS

**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. *Cost: \$111,630*

**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.

### DISCIPLINES

- Civil Engineering
- Roadway Design
- Environmental Engineering
- Transportation/Traffic Engineering
- Construction/Project Management
- Engineering Design Services
- Plan & Development Review
- Inspection Services
- Engineering Studies
- Cost Estimating
- Public Involvement
- Surveying

### REFERENCE

Town of Miami Lakes  
 Brandon Schaad  
 305.512.7128  
[schaadb@miamilakes-fl.gov](mailto:schaadb@miamilakes-fl.gov)

### PROJECT DATES

2006-Present

### COST

Task Work Order  
 Based Contract





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

**FEATURED PROJECTS**

**Safe Routes to School Plan.** MARLIN developed a Safe Routes to School Plan which involved the evaluation of ten schools selected by the Miami-Dade MPO for improvements. The MARLIN team then successfully prepared 10 Safe Routes to School (SRTS) applications, getting more projects approved than any other county in the state. *Cost: \$60,000*

**Protected Bike Lanes Master Plan.** Safety and convenience are major factors in a person’s decision to use a bicycle for transportation. MARLIN is leading the development of the Miami-Dade MPO Protected Bike Lanes Master Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) will create a countywide low-stress bikeway network connecting existing bike facilities, population centers, employment areas, educational facilities, recreational facilities and other civic institutions to existing and planned transit facilities including the Strategic Miami Area Rapid Transit (SMART) Plan corridors. *Cost: \$60,000*

**Comprehensive Parking Study-Freight Transport.** Planning services to estimate the demand for truck parking and develop recommendations for the implementation of a truck parking program in the Miami-Dade County area. *Cost: \$65,000*

**Other Projects**

- Bike Friendly Summit
- Connecting NW 25 Street to HEFT Study
- Miami Health District Study - Signage Program
- Implementation of Transitional Speed in School Zones Study
- Transportation and Economic Impacts of the Freight Industry

**GENERAL PLANNING CONSULTANT**

Miami-Dade County, FL

**DISCIPLINES**

- Civil Engineering
- Transportation Planning
- Traffic Engineering
- Engineering Design Services
- Engineering Studies
- Cost Estimating
- Public Involvement

**REFERENCE**

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

**PROJECT DATES**

2015-Present  
 2009-2013

**COST**

Task Work Order  
 Based Contract



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.

**TRAFFIC ENGINEERING  
CONSULTANT**

Parkland, FL

**DISCIPLINES**

- Civil Engineering
- Environmental Engineering
- Transportation/Traffic Engineering
- Engineering Design Services
- Plan & Development Review
- Engineering Studies
- Cost Estimating
- Public Involvement
- Surveying

**REFERENCE**

City of Parkland  
Sowande Johnson  
954.757.4165  
sjohnson@cityofparkland.org

**PROJECT DATES**

2016-Present

**COST**

Task Work Order  
Based Contract





MARLIN provides the City with professional planning and engineering services including: design, civil engineering, transportation planning, environmental engineering, traffic engineering, structural engineering surveying and construction services.

**FEATURED PROJECT**

**West & South Pinecrest Villas Traffic Calming Study and Design.** An area-wide traffic calming master plan to analyze existing traffic and roadway conditions for the two neighborhoods. The study reflected traffic calming measures in an effort to reduce or eliminate cut-thru traffic and speeding within the neighborhood.

Goals for the study included:

1. To increase the quality of life;
2. Incorporate the preferences and requirements of the residents;
3. Create safe and attractive streets; and
4. Help to reduce the negative effects of motor vehicles on the environment; and promote pedestrian, bicycle and transit use.

The team analyzed the local traffic patterns based on Miami-Dade County Traffic Flow Modification guidelines and standard procedures to develop an area-wide traffic calming plan. Existing traffic conditions at critical locations and roadway segments were addressed by proposing appropriate countermeasures. MARLIN 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.

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. *Cost: \$99,500*

**GENERAL ENGINEERING CONSULTANT**

City of South Miami, FL

**DISCIPLINES**

- Civil Engineering
- Roadway Design
- Environmental Engineering
- Transportation/Traffic Engineering
- Construction/Project Management
- Engineering Design Services
- Plan & Development Review
- Inspection Services
- Engineering Studies
- Cost Estimating
- Public Involvement
- Surveying

**REFERENCE**

City of South Miami  
 Grizel Martinez  
 305.403.2078  
 gmartinez@southmiamifl.gov

**PROJECT DATES**

2017-Present  
 2013-2016

**COST**

Task Work Order  
 Based Contract



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 MARLIN 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.

## HOLLYWOOD BLVD. COMPLETE STREETS

Hollywood, FL

### DISCIPLINES

- Civil Engineering
- Roadway Design
- Environmental Engineering
- Transportation/Traffic Engineering
- Construction/Project Management
- Engineering Design Services
- Plan & Development Review
- Inspection Services
- Engineering Studies
- Cost Estimating
- Public Involvement
- Surveying

### REFERENCE

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

### PROJECT DATES

2016-Present

### COST

\$75,000 (fee)





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.

**SR 811 DIXIE HIGHWAY**

Broward County, FL

**DISCIPLINES**

- Civil Engineering
- Roadway Design
- Environmental Engineering
- Transportation/Traffic Engineering
- Construction/Project Management
- Engineering Design Services
- Plan & Development Review
- Engineering Studies
- Cost Estimating
- Public Involvement
- Surveying

**REFERENCE**

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

**PROJECT DATES**

2010-2014

**COST**

\$920,000 (fee)



MARLIN provided services that consisted of in-depth inspection of the substructure and foundations of 23 bridges. Our team performed Topside and Underwater inspections for the Bahia Honda and Seven-Mile bridges which included the superstructure and substructure. MARLIN also performed underwater inspections of the other 21-spandrel arch bridges and provided detailed inspection documentation.

## **FLORIDA KEYS OVERSEAS HERITAGE TRAIL**

Monroe County, FL

### **DISCIPLINES**

Inspection Services

### **REFERENCE**

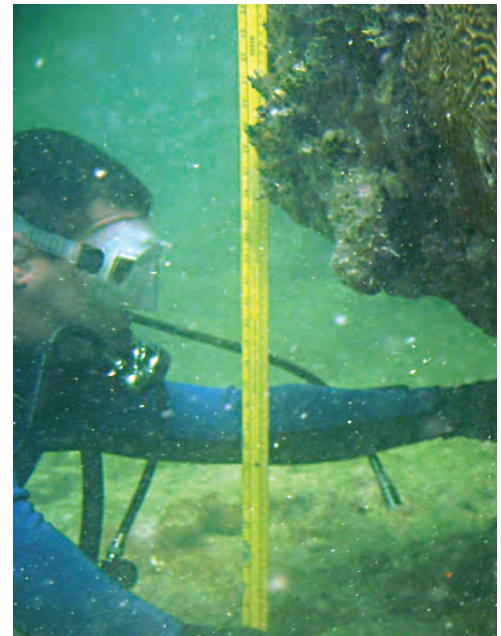
FDOT District 6  
Keith and Schnars, P.A.  
Coriann Salas  
954.776.1616

### **PROJECT DATES**

9/2013-12-2013

### **COST**

\$123,443 (fee)



MARLIN provided structural topside and underwater inspections for over 35 bridges in Monroe County. High Level Bridges inspected include:

**Long Key Bridge, Key West, FL**

Topside and underwater inspections of a 12,000 ft. long segmental box girder bridge with 103 spans of composed pre-stressed & post-tensioned continuous box girders with a navigation clearance of 24.9 ft.

**7 Mile Bridge, Key West, FL**

Topside and underwater inspections of a 35,800 ft. long segmental box girder bridge with 266 spans of composed pre-stressed & post-tensioned continuous box girders with a navigation clearance of 65 ft.

**Channel 5 Bridge, Key West, FL**

Topside and underwater inspections of a 5,000 ft. long segmental box girder bridge with 37 spans of composed pre-stressed & post-tensioned continuous box girders with a navigation clearance of 65.3 ft.

**Niles Channel Bridge, Key West, FL**

Topside and underwater inspection of a 4,600 ft. long segmental box girder bridge with 39 spans of composed pre-stressed & post-tensioned continuous box girders with a navigation clearance of 30.8 ft.

**FLORIDA KEYS  
OVERSEAS HERITAGE  
TRAIL**

Monroe County, FL

**DISCIPLINES**  
Inspection Services

**REFERENCE**  
FDOT District 6  
Dennis Fernandez  
Dennis.Fernandez@dot.state.fl.us  
305.470.5182

**PROJECT DATES**  
2007-2013

**COST**  
\$750,000 (fee)



## Old Cutler Road Improvements

Client/Owner: Town of Cutler Bay

Contact: Rafael Casals, 305-234-4262

Design & Construction Dates: 2/2010 – 6/2014

Project Cost: total project cost approx. \$6.6 million

Fee: \$78,000

### Project Description and Approach:

This project was for improvements to the portion of historic Old Cutler Road between SW 97th Ave. - SW 87th Ave. The project consisted of roadway improvements, traffic circles, pavement resurfacing, sidewalks, drainage facilities, medians, landscaping and lighting. Old Cutler Road is designated a historic roadway which required all improvements to respect the existing roadway footprint, thus limiting the modification and/or additional widening of the road. The configuration design for Old Cutler Road included roundabouts at each end of the corridor for traffic calming and beautification. The 1.24 mile corridor between these two roundabouts was a two lane roadway with turn lanes, landscape medians and scramble lanes. Permitting included Miami-Dade County Public Works, DERM and Town of Cutler Bay.

The landscape design implemented a program developed by Fairchild Tropical Gardens called “Connect to Protect.” This program was intended to repopulate the native pineland canopy in South Dade by planting “ribbons” of pineland indicator species between remaining pinelands. This corridor provided an excellent opportunity to accomplish this environmental goal.





## Biscayne Point Neighborhood

Client/Owner: City of Miami Beach

Contact: Carlos Gil Mera, A&P, 305-592-7283

Design & Construction Dates: 2012-2013

Project Cost: \$23 million

Fee: \$41,000

### Project Description and Approach:

This project was a right-of-way infrastructure improvement program in the Biscayne Point, Biscayne Beach and Stillwater Drive neighborhoods. Improvements to drainage, street pavement and street tree plantings were made. GSLA prepared existing tree disposition plans, lists of existing encroachments into the right-of-way, and planting and irrigation plans for the swales, medians and a gatehouse.






**ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA                    )  
  : SS  
COUNTY OF MONROE                )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By:   
Jose A. Quintana  
Executive Vice President  
MARLIN Engineering, Inc.

Sworn and subscribed before me this  
18 day of April, 2017.

NOTARY PUBLIC, State of Florida at Large

My Commission Expires: June 10, 2019





**SWORN STATEMENT UNDER SECTION 287.133(3)(a)  
FLORIDA STATUTES ON PUBLIC ENTITY CRIMES**

**THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICE AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ 17-002 for
  
2. This sworn statement is submitted by MARLIN ENGINEERING, INC.  
(Name of entity submitting sworn statement)  
  
whose business address is 15600 SW 288th Street, Ste. 208, Miami, FL 33033  
  
\_\_\_\_\_ and (if applicable) its Federal  
Employer Identification Number (FEIN) is 65-0279601 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is Jose A. Quintana and my relationship to  
(Please print name of individual signing)  
  
the entity named above is Executive Vice President.
  
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
  
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
  
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
  
7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter



into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

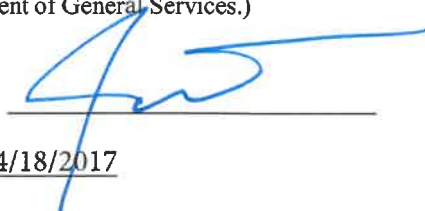
The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

(Signature)



(Date)

4/18/2017

STATE OF Florida

COUNTY OF Miami-Dade

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Jose A. Quintana  
(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 18 day of April, 2017.

My commission expires:  
NOTARY PUBLIC



**Erica Sobelman**  
COMMISSION #FF239559  
EXPIRES: June 10, 2019  
WWW.AARONNOTARY.COM



**INDEMNIFICATION**

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: MARLIN Engineering, Inc.

SEAL:



15600 SW 288th St, Ste. 208, Miami, FL 33033

Address

Signature

Jose A. Quintana

Print Name

Executive Vice President

Title

4/18/2017

Date

**EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT**


STATE OF Florida )  
 : SS  
COUNTY OF Miami-Dade )

I, the undersigned hereby duly sworn, depose and say that the firm of MARLIN Engineering, Inc. provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By:   
Jose A. Quintana  
Executive Vice President

Sworn and subscribed before me this

18 day of April, 2017

  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: June 10, 2019



**CONE OF SILENCE AFFIDAVIT**

STATE OF Florida )  
 : SS  
COUNTY OF Miami-Dade )

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of MARLIN Engineering, Inc. have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).

  
\_\_\_\_\_  
(signature)  
4/18/2017  
\_\_\_\_\_  
(date)

Sworn and subscribed before me this

18 Day of April, 2017

  
\_\_\_\_\_  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: June 10, 2019



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

ADDENDUM NO. 1

GENERAL ENGINEERING SERVICES / RFQ # 17-002

March 20, 2017

This addendum is issued as supplemental information to the RFQ for clarification of certain matters of both a general and a technical nature. The referenced Request for Qualifications (RFQ) package is hereby amended in accordance with the following items:

On Page 2 of 49 Please make the following change:

For information concerning this Request for Qualifications please contact Janet Muccino, Project Manager, Engineering Services Department only in writing and requests for information must be received at least ten (10) days prior to the date fixed for opening of responses to RFQ. The contact email address is [jmuccino@cityofkeywest-fl.gov](mailto:jmuccino@cityofkeywest-fl.gov). The City's "Cone of Silence" Ordinance Section 2-773 does not allow verbal communication.

On Page 9 of 49 Please make the following change:

Contacts:

All requests for information should be only in writing and emailed to Janet Muccino, Project Manager at [jmuccino@cityofkeywest-fl.gov](mailto:jmuccino@cityofkeywest-fl.gov) and requests for information must be received at least ten (10) days prior to the date fixed for the opening of responses to the RFQ. Any and all such interpretations and any supplemental instructions will be in the form of written addendum to the RFQ. If City issues an addendum, the Respondent has sole responsibility to receive any such addendum or any interpretations shall not relieve such Respondent from any obligation under his response as submitted. All addenda so issued shall become a part of the Contract document.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 with Attachment by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.

Signature

Marlin Engineering, Inc.

Name of Business



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

**ADDENDUM NO. 2**

**GENERAL ENGINEERING SERVICES / RFQ # 17-002**

**April 12, 2017**

This addendum is issued as supplemental information to the RFQ for clarification of certain matters of both a general and a technical nature. The referenced Request for Qualifications (RFQ) package is hereby amended in accordance with the following items:

- 1.) I was curious if for this contract, and MEP firm can apply as Prime for our area of discipline? Or would we need to team with other engineers – i.e. civil, structural, etc.

**An MEP can be prime; however, this RFQ is for general engineering services spanning the disciplines identified in the RFQ and teaming would be required. Discipline specific contracts will not be awarded**

- 2.) No 'Scope of Work' (listed on Page 7) has been provided for "Structural Engineering" services, mentioned on Page 4. Please clarify.

**Consultant team shall include licensed structural professional engineer/structural engineering firm to support evaluation and design of buildings (renovation and new), foundations, roof systems, coastal engineering, etc.**

- 3.) ***ADD THE FOLLOWING TO ARTICLE 4 / PART 3 / DRAFT AGREEMENT***

**ARTICLE 4**

**TERM OF AGREEMENT; TIME FOR PERFORMANCE; CONTRACTOR DAMAGES;**

4.6 The CONSULTANT shall provide design assistance to City staff and attend City Commission Meeting(s) should an omission, lack of detail or design considerations result in a Change Order issued by the Contractor against the City utilizing plans prepared and sealed by CONSULTANT. This assistance will be provided at no charge to the City to allow CONSULTANT the opportunity to address the issue leading to the Change Order to the satisfaction of the City Commission.



- 4.) **Consultant team shall include licensed Landscape Architect/Landscape Architectural firm to support landscape and irrigation system design requirements. Experience with local landscaping conditions and plant materials preferred.**

**All Bidders shall acknowledge receipt and acceptance of this Addendum No. 2 by submitting the addendum with their proposal. Proposals submitted without acknowledgement or without this Addendum may be considered non-responsive.**

  
\_\_\_\_\_  
Signature

Martin Engineering, Inc.  
\_\_\_\_\_  
Name of Business

The logo for MARLIN, featuring the word "MARLIN" in a bold, white, sans-serif font. The letter "M" has a small white diagonal line through its top-left corner. The logo is positioned in the upper left corner of a dark blue background.

**MARLIN**

A block of contact information for MARLIN Engineering, Inc. The text is in a white, sans-serif font and is located in the bottom right corner of the page. The background behind the text consists of dark blue and teal geometric shapes.

MARLIN Engineering, Inc.  
15600 SW 288<sup>th</sup> Street, Suite 208  
Miami, FL 33033  
P: 305.477.7575  
[www.marlinengineering.com](http://www.marlinengineering.com)