Bid Tabulation Packet
for
Solicitation PNC2119168P1

Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Bid Designation: Public

Broward County Board of County Commissioners

The Corradino Group

Bid Contact **Alexis Mattey**
ljohnson@corradino.com
Ph 305-594-0735

Address **4055 NW 97th Ave.**
Suite 200
Miami, FL 33178

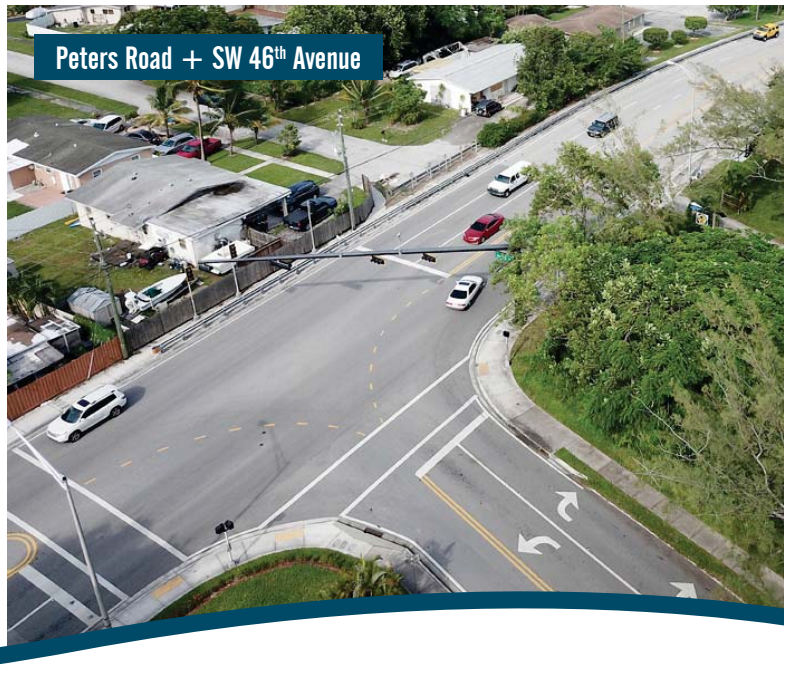
Item #	Line Item	Notes	Unit Price			
PNC2119168P1--01-01	Engineering Services	**Supplier Product Code:**	**First Offer -**	1 / each	**Y**	**Y**

Supplier Total $0.00









BROWARD COUNTY
Board of County Commissioners

Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Bid Number: PNC2119168P1 ◆ September 11, 2019

THE CORRADINO GROUP

THE CORRADINO GROUP

ENGINEERS • PLANNERS • PROGRAM MANAGERS • ENVIRONMENTAL SCIENTISTS

We look forward to delivering excellence to Broward County on this Contract!

September 10, 2019

Broward County Board of County Commissioners
Latoya Clark, Purchasing Agent;
Mark Roberts

RE: Broward County Board of County Commissioners Continuing Engineering Services for Traffic, Roadway, and Civil Projects • Bid Number: PNC2119168P1

Dear Selection Committee Members:

The Corradino Group, Inc. (Corradino) has provided traffic engineering, planning, environmental and construction management services to state and municipal clients for over 49 years. Corradino maintains a staff of 180+ employees with extensive experience in successfully completing both small- and large-scale projects, many of which are very complex.

Our Team consists of the following partners. Those noted with an asterisk (*) are headquartered in Broward County. And, while Corradino is headquartered in Miami-Dade, we have had an office in Broward County for almost 25 years, and have supported many causes. For example, we are proud to have played a major role in the Penny Sales Tax initiative, the largest surtax in the U.S. in 2018. Our staff worked closely with Broward County staff, elected officials, the MPO and municipal government leaders on an initiative that will transform the County for generations to come.



Our Team members have the experience and technical expertise to provide all services required on task work order assignments for this Contract. The Team has experience working with FDOT, Broward County and municipalities in the County. The key staff professionals are well known and have a proven track record in South Florida. They have the experience, technical expertise and certification/licenses to provide all services required on task work order assignments.

Eric Czerniejewski, PE, ENV SP, will serve as our Project Manager and primary client contact under this contract. Eric is the Director of Traffic Engineering for CORRADINO and a former transportation manager for the City of Fort Lauderdale with over 21 years of experience providing transportation services to various public agencies in the tri-county area including Broward County. Eric was the Project Manager on the recently completed Mast-Arm Conversion design-build project as the design lead to Horsepower Electric, Inc. This project included mast-arm conversions for 35 signalized intersections in Broward County. Eric has lived in the County for 20 years.

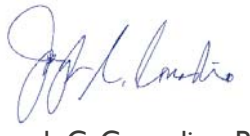
Broward County's Continuing Engineering Services Contract may include multiple task work orders issued at the same time. Our Team has the staff who can be assigned to accomplish them simultaneously. The depth that our Team provides will ensure there are no gaps in needed services on any task work order. We will provide practical solutions to the most complex transportation problems on time, within budget and at the highest quality.

Each assigned project will be controlled using a Project Management Plan (PMP), generated in consultation with County staff. It will include development of cost and schedule as well as:

1. Identifying technical requirements;
2. Addressing various needs, concerns, and expectations of the team members and stakeholders in planning and executing the construction of the project;
3. Setting up, maintaining, and carrying out communications amongst team members;
4. Managing team members to meet project requirements and creating project deliverables (reports, dailies, recommendations, engineering analysis, etc.);
5. Balancing competing project constrains such as Scope, Quality, Schedule, Budget, Resources and Risk; and,
6. Developing a public outreach plan for stakeholders.

In summary, the essence of our message is: ***We have delivered successful projects for our public sector clients, including Broward County, for almost five decades. Our success is built on delivering a quality product developed through inclusiveness of the planning process to provide sound designs, well-managed construction, and effective communications with the client and the affected community.***

Sincerely,



Joseph C. Corradino, PE
Chief Executive Officer

Work Groups/Services		Team Members										
		CORRADINO (Prime)	ASA	BMA	CALTRAN	CMA	EE	GSI	KEITH	RADISE	SA	T&A
3.1	Minor Highway Design	✓			✓							
3.2	Major Highway Design	✓			✓							
4.1.1	Miscellaneous Structures		✓	✓								
6.1	Traffic Engineering Studies	✓			✓		✓					
6.2	Traffic Signal Timing	✓			✓		✓					
6.3.1	Intelligent Transportation Systems Analysis and Design						✓					
6.3.2	Intelligent Transportation Systems Implementation						✓					
6.3.3	Intelligent Transportation Traffic Engineering Systems Communications						✓					
6.3.4	Intelligent Transportation System Software Development	✓					✓					
7.1	Signing, Pavement Marking, and Channelization	✓			✓							
7.2	Lighting			✓					✓			
7.3	Signalization	✓			✓							
8.1	Control Surveying								✓		✓	
8.2	Design, Right-of-Way, and Construction Surveying								✓		✓	
8.4	Right-of-Way Mapping								✓		✓	
9.1	Soil Exploration									✓		
9.2	Geotechnical Classification Lab Testing									✓		
9.3	Highway Materials Testing									✓		
9.4.1	Standard Foundation Studies									✓		
9.5	Geotechnical Specialty Lab Testing									✓		
10.1	Roadway Construction, Engineering and Inspection (CEI)	✓										✓
10.3	Construction Materials Inspection	✓										✓
10.4	Minor Bridge and Miscellaneous Structures CEI		✓									
15	Landscape Architect					✓			✓			
	Drainage/Environmental					✓						✓
	Subsurface Utility Exploration (SUE)								✓			✓
	Public Outreach	✓						✓				



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Section 1: Ability of Key Personnel

Section 1: Ability of Key Personnel



FIRM'S HISTORY AND BACKGROUND

The Corradino Group, Inc. (Corradino) has provided engineering design, planning, environmental and construction management services to government and the private sector for over 49 years. Corradino maintains a staff of 180+ with extensive experience in successfully completing both small- and large-scale projects, many of which are complex. Our staff has accreditations including: PE, AICP, CTP, PLS, SE, EI CIP, PTOE, and PhD.

Our project experience has encompassed a wide range of services such as:

- Civil Engineering;
- Design/Build Services;
- Highway and Bridge Design;
- Transportation Planning;
- Traffic Engineering;
- Public Involvement/Community Outreach;
- Environmental Assessment and Mitigation;
- Construction Engineering and Inspection:
- Urban Planning and Community Development;
- Transit Planning and Engineering;
- Bicycle and Pedestrian Planning;
- Travel Demand Modeling; and
- Project Fee Analysis.

The essence of our message is: We have worked for almost five decades on project after project, for repeat clients. Our success is built on delivering a quality product developed through inclusiveness in the planning process and the effectiveness of the communications.

COMPANY INFORMATION

NAME OF BUSINESS:
The Corradino Group, Inc.

ADDRESS/PHONE/FAX/WEB:
4055 NW 97th Avenue, Suite 200
Doral, FL 33178
P: (305) 594-0735 • F: (305) 594-0755
www.corradino.com

CONTACT PERSON:
Joseph C. Corradino, PE - CEO
P: (305) 594-0735
E: jccorradino@corradino.com

BUSINESS HOURS: M-F, 8AM - 5PM

LEGAL STATUS:
Corradino is a C Corporation

DATE/LOCATION INCORPORATED:
1970/Louisville, Kentucky

PARENT OR SUBSIDIARY BUSINESS: Parent

Corradino is headquartered in Doral and licensed to do business in the State of Florida.

Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

THE CORRADINO GROUP, INC.

4055 NW 97TH AVE
MIAMI FL 33178

LICENSE NUMBER: CA7665
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

State of Florida
Department of State

I certify from the records of this office that THE CORRADINO GROUP, INC. is a Kentucky corporation authorized to transact business in the State of Florida, qualified on January 13, 1997.

The document number of this corporation is F97000000207.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 2, 2019, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Second day of January, 2019

Ken Detzner

Secretary of State

Tracking Number: CC0199664474

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

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

Section 1: Ability of Key Personnel

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2019 THROUGH SEPTEMBER 30, 2020

DBA:
Business Name: BO QIAN

Receipt #: 315-230319
Business Type: ENGINEER (CONSULTING)

Owner Name: BLAND ENGINEERING INC
Business Location: 3323 W COMMERCIAL BLVD STE 11(
FT LAUDERDALE
Business Phone: 954-385-4066

Business Opened: 01/11/2010
State/County/Cert/Reg: 28867
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		2		

For Vending Business Only
Number of Machines: Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

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

Mailing Address:
BO QIAN
3323 W COMMERCIAL BLVD STE
110E
FORT LAUDERDALE, FL 33309

Receipt #1CP-18-00009583
Paid 07/15/2019 30.00
07/12/2019 Effective Date

2019 - 2020

005883

Local Business Tax Receipt

Miami–Dade County, State of Florida
-THIS IS NOT A BILL - DO NOT PAY

LBT

7207971

BUSINESS NAME/LOCATION
THE CORRADINO GROUP INC
4055 NW 97TH AVE 200
DORAL FL 33178

RECEIPT NO.
RENEWAL
7491282

EXPIRES
SEPTEMBER 30, 2019
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
THE CORRADINO GROUP INC
C/O JOSEPH C CORRADINO PRES

Employee(s) 142

SEC. TYPE OF BUSINESS
212 P.A./CORP/PARTNERSHIP/FIRM
LB6841

PAYMENT RECEIVED BY TAX COLLECTOR
$639.00 07/18/2018
CHECK21–18–070490

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

THE CORRADINO PROJECT TEAM AND SUBCONSULTANTS

THE CORRADINO GROUP

We have carefully reviewed the scope of services for this contract and have assembled a team of highly-qualified personnel who will address the scope of services of this Continuing Services Contract. CORRADINO has partnered with subconsultants that are familiar with Broward County, Florida Department of Transportation (FDOT) and the local municipal stakeholders that will be a part of these task work orders. CORRADINO is committed to meeting and exceeding the County CBE, DBE and SBE requirements and have included certified subconsultants who are known by Broward County staff.

Our team has a successful track record for innovative and cost effective design. We focus on: personalized services, a proactive approach to provide constant contact with all stakeholders, design expertise, integrated survey and engineering services, permitting knowledge and construction management expertise. Broward County is assured that any issue will be resolved using our resources and relationships within the industry to ensure deliverance of successful projects, exceeding expectations and serving the community.

The CORRADINO Team consists of professional firms that can best serve the needs of Broward County. The organizational chart specifies the entire team and the key staff that will be assigned to this Contract. The CORRADINO Team has all of the required FDOT technical certifications and each of the assigned professionals are appropriately licensed and qualified and will comply with all relevant professional regulations and laws.



Eric Czerniejewski, PE, ENV SP, will serve as the Project Manager and primary Client contact under this contract. Eric is the Director of Traffic Engineering for CORRADINO and a former transportation manager for the City of Fort Lauderdale with over 21 years of experience providing transportation services to various public agencies in the tri-county area including Broward County. Eric was the Project Manager on the recently completed Mast-Arm Conversion design-build project as the design lead to Horsepower Electric, Inc. This project included mast-arm conversions for 35 signalized intersections in Broward County.



Mike Ciscar, PE, Corradino's Vice President of Engineering, has 34 years of experience in civil and transportation engineering; he will serve as Principal-in-Charge. Mr. Ciscar oversees all of Corradino's engineering operations in South Florida. Corradino's projects range from planning and design to major expressway corridor studies, highway design, and construction assistance. Prior to joining Corradino, Mr. Ciscar had a distinguished 16-year career with the FDOT's District 6 office and served as the District Environmental Management Engineer. In this capacity, he directed the activities of the District Environmental Management Office to ensure compliance with all FDOT objectives, Departmental policies, and FHWA requirements, as well as all federal, state, and local laws and regulations.

Below is a summary profile of each of the subconsultant firms and a comprehensive overview of their key relevant experience.

CALTRAN Engineering Group, Inc. (CALTRAN) is a certified DBE, MBE, engineering services company based out of Miami, FL with core services in the areas of traffic & transportation engineering that specializes in traffic and highway analysis, traffic data collection, traffic signal design, inventories, GIS, parking studies, signal traffic warrants, traffic operations and transportation special studies. CALTRAN's staff has being involved in transportation and traffic contracts with FDOT and many other public and private agencies throughout the State of Florida providing similar services to those required by this Broward County Contract. CALTRAN, as one of the more recognized data collection teams, has a proven capability to perform data collection and follows a procedure that incorporates the latest technology when deploying traffic data collection activities.



CALTRAN's task lead will be **Juan Calderon, PE**. Mr. Calderon has over 20 years of experience in the traffic/transportation engineering field. Mr. Calderon has been involved in managing multiple traffic and planning engineering projects with the FDOT by providing direct support in traffic and safety projects for Districts 4 and District 6.

Section 1: Ability of Key Personnel

Within FDOT related contracts, he has participated actively in preliminary engineering reports, design projects, planning, development of alternatives, conceptual designs, corridor studies, simulation, GIS, as well as, managing or directing projects that encompassed traffic impact studies, traffic circulation, PD&E, modeling, and traffic forecasting signalization, scoping reports and safety countermeasures.

KEITH is a multidiscipline consulting firm that specializes in civil and transportation engineering, surveying, SUE services, planning and landscape architecture. KEITH now offers a full range services and incorporates the latest technology innovation. Highly specialized details that change the landscape or simple elements that directly improve people's lives. KEITH has a commitment to make a difference through their work, and community involvement, has attracted and retained a professional team of experts with expansive ideas and experience. KEITH's decades long organizational knowledge of local projects as well as expertise in state, federal and international considerations are invaluable. KEITH will aid in Survey SUE, utility coordination, lighting and landscaping services on this Continuing Contract.



KEITH's task lead will be **Daniel Checchia**. Mr. Checchia has over 21 years of experience in transportation engineering, surveying, civil design and construction related fields, with expertise in Subsurface Utility Engineering (SUE), including Utility Coordination. His duties are to oversee the day-to-day operations of all Subsurface Utility Engineering and Coordination projects. Mr. Checchia is responsible for assisting clients with utility research, identification, data management and coordination. Besides having developed a strong rapport with local utilities and municipalities, his knowledge and experience in the Subsurface Utility Engineering process allows him to easily recognize utility conflicts during design and construction. He has been involved on a variety of projects such as design, design build and private sector work. Mr. Checchia is fully knowledgeable of the FDOT Utility Coordination process, with eight years of involvement working on multiple types of transportation projects.

Eland Engineering (EE) is a professional engineering service firm specializing in Intelligent Transportation Systems (ITS) and Transportation Engineering. EE's founding principles are to help clients to develop innovative, cost effective engineering and the cutting-edge technology solutions that enhance the mobility and safety of transportation infrastructures. The Eland staff members are highly experienced in all elements of ITS, including but not limited to the following: fiber optic and wireless communication technologies, IP/Ethernet network architectures, power distribution and backup systems, CCTV cameras, dynamic message signs, vehicle detection stations, highway advisory radios, roadway weather information systems, electronic toll collection, ramp metering, reversible express lanes access control, software development, systems design, testing, Voice over IP, and systems integration.



ELAND's task lead **Bo Qian, PE, IMSAIII** is the principal and founder of Eland Engineering. He has 23 years of experience in project management, engineering, planning, design, construction and maintenance in Intelligent Transportation Systems (ITS). His project experience includes projects such as:

- ITS Maintenance (Interstate and Arterial Management System), Broward County, Contract No. BDY36, FDOT D4
- Traffic Signal Retiming, Broward and Palm Beach County, FDOT D4
- District Wide ITS Technical Support Consultant, FDOT D4

ASA Consultants, Inc. (ASA) is a certified CBE/SBE South Florida based multi-disciplined civil engineering consulting firm specializing primarily in transportation and structural engineering services – including bridge design, freeway and interchange design, highway design, urban street arterial design, preliminary engineering studies, and bridge inspection. ASA's Structural Engineers have designed major and minor bridges over highways, waterways and railroads, and is recognized for their specific capabilities in the planning and design of roadways and bridges, from the straightforward to the most complex projects. ASA are experts in designing miscellaneous structures for traffic signal design projects including new intersections and mast arm conversions.

Section 1: Ability of Key Personnel



Founder and President of ASA, **Soheila Sadough, PE** is a professional Civil and Traffic Engineer with 32 years of experience in transportation infrastructure and civil design projects. Her experience as a Senior Structural Engineer covers the full spectrum of bridge types from curved structural steel to precast post tensioned concrete members. She is experienced in both preliminary and final design of a variety of bridge structures utilizing structural steel and precast post-tensioned concrete members. Soheila Sadough heads the professional staff and has over 3 decades of professional experience resulting in a tremendous carry-through of knowledge from project to project.

Thompson & Associates, Inc. (T&A) was founded in 2008 and is focused on providing quality and responsive professional engineering consulting to our clients. T&A's President, James F. Thompson, PE, has years of municipal project experience ranging from small treatment plant retrofits to large neighborhood redevelopment projects. Mr. Thompson leads the day to day operations and ensures that all of our clients are the number one priority. T&A utilizes the latest software and technology on all of their projects which allows us to complete tasks in a timely manner. It is this efficiency that enables T&A with meeting project scheduling and budgeting goals. It is this unique and diverse field of experience along with our personalized client relations' approach that allows T&A to provide a positive consulting experience for our clients. As a certified Small Business Enterprise (CBE), T&A prides itself on providing quality consulting to prime firms on government contracts. By exceeding our peers' expectations on every project, we create lasting relationships with larger firms. These relationships translate into seamless communications and efficient production for the project and ultimately for the client.



Shahin Hekmat, PE, Vice President of T&A, has years of municipal project experience ranging from District Drainage Engineer for a local water control district to City Engineer for one of the largest cities in Broward County. T&A will aid in the drainage and environmental design issues for this Continuing Services Contract.

BMA Consulting Engineering, Inc. (BMA) was founded in 2012 and integrates Information Technology and Quality Control Processes into the services we provide. Our company is qualified as an unlimited full design, PD&E, and CEI firm for the Florida Department of Transportation (FDOT). BMA is a certified Disadvantage Business Enterprise (DBE) and Small Business (SB) with FDOT and a CBE firm with Broward County and SFWMD. BMA have worked on projects that range from $1 Million in construction value and up to $392 Million dollars in construction value. BMA's staff has experience working on a variety of projects that include managing the design of more than 10 complex, large-scale, transportation projects and engineering the design of roadway, traffic control, drainage, pavement markings, signalization, and structures expansion projects. BMA will aid in the Lighting design, Miscellaneous Structures and other miscellaneous design issues for this Continuing Services contract.



Jesus Mustafa, PE, task lead for BMA, has worked in highway and interstate design, PD&E, and planning projects since 1986. He has experience in project management, highways and major and complex bridge projects, including PD&E studies on signature bridges, interchange modifications, large multi-level interstate projects, and depressed facilities and tunnels. His Districtwide experience includes serving as manager and EOR for numerous projects with FDOT, County, and with SFWMD Big Cypress Basin. Currently, he is the Project manager and EOR for four (4) School Zone Flasher Improvement projects as part of the Broward County Continuing Engineering Services for Transportation and GEC Projects Contract No.: RFP No. PNC2114364P1. The scope for these projects includes signalization, signing and marking plans, and utility coordination.

RADISE international (RADISE) is a 21-year-old successful infratech company transforming the way the world builds, operates and maintains its civil infrastructure. RAIDSE provide a wide-range of innovative engineering consulting services for infrastructure owners, builders, contractors, operators and vendors. RADISE is committed to delivering an infrastructure which is both sustainable and resilient. RADISE builds, installs, and maintains a cutting-edge IoT-based sensor technology that provides comprehensive health

monitoring of infrastructure assets through its entire life cycle. The technology offers a path-breaking platform while also building a great ecosystem for constant development and value creation for all infrastructures markets. RADISE Specialize in Geotechnical Engineering, Environmental Engineering Services, Construction Engineering Inspection, Construction Materials Testing, Deep Foundation Testing, Smart Technology Services, Geographical Information Systems, Information Technology, and CTQP Training. RADISE is a Certified Small Business with Large-Firm Capabilities. RADISE has extensive experience working with Cities, Counties, School Districts, contractors, A/E Firms, SFWMD, FDOT and USACE - on 24/7 operations. RADISE will aid in the geotechnical services including testing and design for this Continuing Contract.



Tom Mullin, PE, task lead for RADISE, has 40 years of geotechnical engineering experience and he has served as Principal Geotechnical Engineer on numerous projects for private and public clients including the Florida Department of Transportation (FDOT), United States Army Corps of Engineers (USACE) and South Florida Water Management District (SFWMD). He has served as Principal Geotechnical Consultant for foundation Design and Construction Engineering Inspection (CEI), testing and analysis and quality verification services on several major FDOT bridges. He directed and managed the performance of Pile Driving Analysis testing of driven test piles and overviewed drilled shaft testing and capacity analysis and installation for both redundant and non-redundant drilled shafts.

Chen Moore and Associates (CMA) is a multi-discipline firm with its corporate office in Fort Lauderdale. Founded in 1986, CMA specializes in civil engineering, water resources, water and sewer, transportation, landscape architecture, planning and irrigation, environmental and construction engineering inspection. The firm commits to providing responsive quality services while meeting the schedules and specific project needs of our clients. CMA actively supports various community organizations including Habitat for Humanity, Toys for Tots, the Cooperative Feeding Program, and Ocean Watch, a non-profit group focused on cleaning and preserving South Florida's Beaches. CMA proudly support their industry and the communities in which they live, play, and work. CMA will aid in the landscape architecture design issues for this Continuing Contract.



Cristobal Betancourt, RLA, Director of Landscape Architecture and Planning, will be the task lead for CMA. He has over 23 years of experience providing planning and landscape architecture design solutions for public and private sector clients. Mr. Betancourt provides a full range of services starting with due diligence and master planning culminating in detailed site design. He is well versed in the use of low-impact development techniques applied to site planning. He is currently working on the Broward County UAZ Water and Sewer Improvement project that addresses many of the areas and experience needed in this RFP.

Since 1988, **Stoner & Associates, Inc. (SA)** has practiced the art and science of land surveying, rising to the top of their industry with a focus on good character, reputation and the successful completion of projects. SA is always seeking innovative solutions to improve their survey products and reduce turn around times. SA are continually updating their equipment and software to insure rapid and accurate data acquisition. SA personnel are trained to look for innovative ways to approach your project through the use of technology. SA delivers critical surveying services in a timely and accurate manner, making SA a trusted partner to both the private sector and government.



James D. Stoner, P.S.M., founder of SA, will lead all duties for SA. He is a second generation Land Surveyor, with over forty years of surveying experience in South Florida. Inc. His philosophy focuses on attention to detail and quality work. He manages all aspects of the firm's growth and development.

Garth Solutions, Inc. (GSI) is a certified CBE/SBE management consulting firm that delivers targeted and strategic business solutions to a diverse portfolio of clients in both the public and private sectors. The GSI team is made up of talented and proven professionals who immerse themselves in our clients' missions to deliver the most effective Economic Development, Project Management & Administration, Marketing & Communications and Business & Project

Section 1: Ability of Key Personnel

Development solutions to secure the best possible client outcomes. GSI is a leader in finding ways to successfully communicate and engage the target audience. GSI have the proven experience and expertise in developing and implementing programs that will help cut through the clutter and deliver measurable results. GSI takes pride in their on-staff certified Charrette Planners to assist with effective public outreach. GSI's talented team has managed all aspects of strategic marketing communications for a diverse portfolio of clients including Broward County and numerous local municipalities.



Yvonne Garth, President & CEO of GSI, brings her proven leadership and experience as she is respected throughout the construction & engineering community for providing diverse services to national, local, private and public entities in all aspects of business development, marketing, advertising, public relations, economic development, outreach, diversity program consulting and more. Her recent focus has been to lead the GSI team in their efforts to deliver impactful solutions for our clients. Along with her team, she has helped to create opportunities for small, diverse firms on multi-million dollar construction and related projects such as the New Meadowlands Stadium, Hollywood Fort Lauderdale International Airport, Nemours Pediatric Hospital and more.



FDOT PRE-QUALIFICATIONS, CBE LICENSES AND CERTIFICATIONS

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

June 19, 2019

Frederick P'Pool, Chief Operation Officer
THE CORRADINO GROUP, INC.
4055 NW 97th Avenue, Suite 200
Miami, Florida 33178

Dear Mr. P'Pool:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies

Group 7 - Traffic Operations Design

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

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection
- 10.4 - Minor Bridge & Miscellaneous Structures CEI
- 10.5.1 - Major Bridge CEI - Concrete
- 10.5.2 - Major Bridge CEI – Steel
- 10.5.3 - Major Bridge CEI – Segmental

Group 13 - Planning

- 13.4 - Systems Planning
- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

www.fdot.gov

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
137.03%	113.91%	0.169%	Reimbursed	No	1.95%	7.52%*

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

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

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

June 20, 2019

Juan Calderon, Principal
CALTRAN ENGINEERING GROUP, INC.
790 NW 107th Avenue, Suite 200
Miami, Florida 33172

Dear Mr. Calderon:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

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

Group 13 - Planning

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

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
173.70%	162.15%	0.556%	Reimbursed	No	9.18%	11.86%*

www.fdot.gov

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

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

July 4, 2019

Soheila Sadough, President
ASA CONSULTANTS, INC.
510 Shot Gun Road, Suite 402
Sunrise, Florida 33326

Dear Ms. Sadough:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 4 - Highway Design - Bridges

- 4.1.1 - Miscellaneous Structures
- 4.1.2 - Minor Bridge Design
- 4.2.1 - Major Bridge Design - Concrete
- 4.2.2 - Major Bridge Design - Steel
- 4.2.3 - Major Bridge Design - Segmental

Group 5 - Bridge Inspection

- 5.1 - Conventional Bridge Inspection
- 5.4 - Bridge Load Rating

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
247.94%	182.32%	0.221%	Excluded	No	1.34%	0.77%*

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

www.fdot.gov

Section 1: Ability of Key Personnel

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

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

BROWARD COUNTY FLORIDA
OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

August 9, 2017

Ms. Soheila Sadough
ASA CONSULTANTS, INC.
510 Shotgun Road, Suite 402
Sunrise, Florida 33326

Dear Ms. Sadough:

The Broward County Office of Economic and Small Business Development is pleased to announce that your firm's **County Business Enterprise** and **Small Business Enterprise** certification has been renewed.

Your firm's certification is continuing from your anniversary date, but is contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to assure continued certification is yours. Failure to document your firm's continued eligibility for the CBE and SBE program within **thirty (30) days** from your anniversary may result in the expiration of your firm's certification. Should you continue to be interested in certification after it has expired, you will need to submit a new application and all required supporting documentation for review.

To review current Broward County Government bid opportunities visit: www.broward.org/Purchasing and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over $3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Architecture/Engineering Services.** This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: www.broward.org/EconDev and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

NAICS CODE: 541330, 541611

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

Cert Agency: BC-CBE SBE
ANNIVERSARY DATE: May 31st

Broward County Board of County Commissioners
Mark D. Bogen • Beam Furr • Steve Geller • Dale V.C. Holness • Chip LaMarca • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine
www.broward.org

Section 1: Ability of Key Personnel



FDOT | MIAMI-DADE COUNTY Delivering Excellence Every Day | Tampa International Airport | GREATER ORLANDO AVIATION AUTHORITY

Florida Unified Certification Program

Disadvantaged Business Enterprise (DBE)

Certificate of Eligibility

ASA CONSULTANTS INC

MEETS THE REQUIREMENTS OF 49 CFR, PART 26

APPROVED NAICS CODES:
541990, 541330, 541690

9/22/15
DATE:

VICTORIA V. SMITH, DBE Certification Manager - Florida Department of Transportation

JACKSONVILLE TRANSPORTATION AUTHORITY | BROWARD COUNTY FLORIDA | TALLAHASSEE | LEE COUNTY PORT AUTHORITY | Votran

ASA Consultants, Inc.

510 Shotgun RoadSuite 402 Sunrise, FL 33326

County: Broward
Contact: Soheila Sadough
Phone: 754-216-2026
Fax:

E-mail: ssadough@asaconsultants.us
Web site: http://www.asaconsultants.us

Mailing Address:
510 Shotgun Road Suite 402
Sunrise, FL 33326

Ethnicity: White
Certification(s): CBE SBE

Type: Architecture & Engineering

Specialties:
Civil Engineer
Engineering Consultant
Project Design
Project Management

Broward County Vendor: Yes
Vendor Number:
File Number:

LETTER OF INTENT

BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2119168P1

Project Title: Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Bidder/Offeror Name: The Corradino Group, Inc.

Address: 4055 NW 97th Avenue, Suite 200 City: Miami State: FL Zip: 33138

Authorized Representative: Joseph C. Corradino, PE - Chief Executive Officer Phone: 305.594.0735

CBE Firm/Supplier Name: ASA Consultants

Address: 510 Shotgun Road, Suite 402 City: Sunrise State: FL Zip: 33326

Authorized Representative: Carlos M. Rodriguez, PE Phone: 754.216.2025

A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.

B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.

C. By signing below, the above-named CBE is committing to perform the work described below.

D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS[1]	CBE Contract Amount[2]	CBE Percentage of Total Project Value
Engineering Services	541330		8.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: _____ Title: Project Manager Date: 09/02/2019

Bidder/Offeror Authorized Representative

Signature: Joseph C. Corradino Digitally signed by Joseph C. Corradino Date: 2019.09.06 12:57:46 -04'00' Title: Chief Executive Officer Date: 09/02/2019

[1] Visit Census.gov and select NAICS to search and identify the correct codes. Match type of work with NAICS code as closely as possible.
[2] To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018 **Compliance Form No. 004**



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

June 6, 2019

Bo Qian, President
ELAND ENGINEERING, INC.
3323 West Commercial Boulevard, Suite 110
Fort Lauderdale, Florida 33309

Dear Mr. Qian:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing
- 6.3.1 - Intelligent Transportation Systems Analysis and Design
- 6.3.2 - Intelligent Transportation Systems Implementation
- 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
- 6.3.4 - Intelligent Transportation Systems Software Development

Group 7 - Traffic Operations Design

- 7.2 - Lighting

Group 13 - Planning

- 13.5 - Subarea/Corridor Planning

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
141.01%	53.35%	0.219%	Reimbursed	No	9.68%	30.61%*

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

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

www.fdot.gov

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

July 3, 2019

Lucy Becerra, President
BMA CONSULTING ENGINEERING, INC.
18503 Pines Boulevard, Suite 210
Pembroke Pines, Florida 33029

Dear Ms. Becerra:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 4 - Highway Design - Bridges

- 4.1.1 - Miscellaneous Structures
- 4.1.2 - Minor Bridge Design
- 4.2.1 - Major Bridge Design - Concrete
- 4.2.2 - Major Bridge Design - Steel

Group 5 - Bridge Inspection

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

Group 7 - Traffic Operations Design

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

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
126.69%	0.149%	Reimbursed	No	3.36%

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

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

BROWARD COUNTY
FLORIDA
OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

October 2, 2018

Ms. Lucy Becerra
BMA CONSULTING ENGINEERING, INC.
16928 SW 35th Street
Miramar, Florida 33027

Dear Ms. Becerra:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to announce that your firm's **County Business Enterprise (CBE)** certification has been renewed.

Your firm's certification is continuing from your anniversary date but is contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to assure continued certification is yours. Failure to document your firm's continued eligibility for the CBE program within **thirty (30) days** from your anniversary may result in the expiration of your firm's certification. Should you continue to be interested in certification after it has expired, you will need to submit a new application and all required supporting documentation for review.

To review current Broward County Government bid opportunities visit: www.broward.org/Purchasing and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over $3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Architecture/Engineering Services.** This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: www.broward.org/EconDev and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

NAICS CODE: 541330, 541340

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

Cert Agency: BC-CBE
ANNIVERSARY DATE: September 18th

Broward County Board of County Commissioners
Mark D. Bogen • Beam Furr • Steve Geller • Dale V.C. Holness • Chip LaMarca • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine
www.broward.org

LETTER OF INTENT

BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2119168P1

Project Title: Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Bidder/Offeror Name: The Corradino Group, Inc.

Address: 4055 NW 97th Avenue, Suite 200 City: Miami State: FL Zip: 33178

Authorized Representative: Joseph C. Corradino, PE, Chief Executive Officer Phone: 305.594.0735

CBE Firm/Supplier Name: BMA Consulting Engineering, Inc.

Address: 18503 Pines Blvd. Suite 210 City: Pembroke Pines State: FL Zip: 33029

Authorized Representative: Jesus A. Mustafa, PE, Director Phone: 954.744.4691

A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.

B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.

C. By signing below, the above-named CBE is committing to perform the work described below.

D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS[1]	CBE Contract Amount[2]	CBE Percentage of Total Project Value
Structures	541330		3.00 %
Lighting	541330		1.00 %
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: Jesus A Mustafa 2019.08.29 15:14:18 -04'00' Title: Director Date: 08/29/2019

Bidder/Offeror Authorized Representative

Signature: Joseph C Corradino, CEO Digitally signed by Joseph C Corradino, CEO Date: 2019.09.09 17:24:45 -04'00' Title: CEO, The Corradino Group Date: 09/09/2019

[1] Visit Census.gov and select NAICS to search and identify the correct codes. Match type of work with NAICS code as closely as possible.
[2] To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018 **Compliance Form No. 004**



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

July 4, 2019

Adolphine Keith-Lazowick, President
KEITH AND ASSOCIATES, INC.
301 East Atlantic Boulevard
Pompano Beach, Florida 33060

Dear Ms. Keith-Lazowick:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design
3.2 - Major Highway Design

Group 6 - Traffic Engineering and Operations Studies

6.1 - Traffic Engineering Studies
6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

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

Group 8 - Survey and Mapping

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

Group 10 - Construction Engineering Inspection

10.1 - Roadway Construction Engineering Inspection

Group 13 - Planning

13.6 - Land Planning/Engineering

Group 15 - Landscape Architect

www.fdot.gov

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense	Published Fee Schedule
126.93%	106.80%	1.320%	Reimbursed	No	0.60%	0.00%*	Yes

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

Audited Rates

SUE Equipment Rates $70.00 per hour

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

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

July 5, 2019

Kumar Allady, CEO
RADISE INTERNATIONAL, LC
4152 West Blue Heron Boulevard, Suite 1114
Riviera Beach, Florida 33404

Dear Mr. Allady:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design

Group 9 - Soil Exploration, Material Testing and Foundations

9.1 - Soil Exploration
9.2 - Geotechnical Classification Laboratory Testing
9.3 - Highway Materials Testing
9.4.1 - Standard Foundation Studies
9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies
9.5 - Geotechnical Specialty Laboratory Testing

Group 10 - Construction Engineering Inspection

10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense	Published Fee Schedule
189.27%	128.98%	4.446%	Reimbursed	No	9.75%	0.00%*	Yes

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

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

www.fdot.gov

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

July 25, 2019

Peter Moore, President
CHEN MOORE AND ASSOCIATES, INC.
500 West Cypress Creek Road, Suite 630
Fort Lauderdale, Florida 33309

Dear Mr. Moore:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design
3.2 - Major Highway Design

Group 7 - Traffic Operations Design

7.1 - Signing, Pavement Marking and Channelization
7.2 - Lighting

Group 13 - Planning

13.6 - Land Planning/Engineering

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
160.04%	0.492%	Reimbursed	No	4.32%

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

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

www.fdot.gov

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

RACHEL D. CONE
INTERIM SECRETARY

November 19, 2018

James F. Thompson, President
THOMPSON & ASSOCIATES, INC. CIVIL ENGINEERING
412 SE 18th Street
Fort Lauderdale, Florida 33316

Dear Mr. Thompson:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design

Group 10 - Construction Engineering Inspection

10.1 - Roadway Construction Engineering Inspection

Group 13 - Planning

13.6 - Land Planning/Engineering

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue in the referenced work types with fees of any dollar amount. This status shall be valid until September 30, 2019 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
117.16%	0.001%	Reimbursed	No	0.00%

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

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

www.fdot.gov



BROWARD COUNTY FLORIDA

Office of Economic and
Small Business Development

Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

This Certificate is Awarded to:

THOMPSON & ASSOCIATES, INC.

As set forth in the Broward County Business Opportunity Act of 2012, the certification requirements have been met for:

County Business Enterprise
Small Business Enterprise
Anniversary Date: January 31st

Authorized Representative

The Office of Economic and Small Business Development must be notified within 30 days of any material changes in the business which may affect ownership and control. Failure to do so may result in the revocation of this certificate and/or imposition of other sanctions.

A service of the Broward County Board of County Commissioners
www.broward.org/smallbusiness

LETTER OF INTENT

BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2119168P1

Project Title: Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Bidder/Offeror Name: The Corradino Group, Inc.

Address: 4055 NW 97th Avenue, Suite 200 City: Miami State: FL Zip: 33138

Authorized Representative: Joseph C. Corradino, PE - Chief Executive Officer Phone: 305.594.0735

CBE Firm/Supplier Name: Thompson & Associates, Inc., Civil Engineering

Address: 412 SE 18th Street City: Fort Lauderdale State: FL Zip: 33316

Authorized Representative: Darren L. Badore Phone: 954-761-1073

A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.

B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.

C. By signing below, the above-named CBE is committing to perform the work described below.

D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS[1]	CBE Contract Amount[2]	CBE Percentage of Total Project Value
Civil Engineering	541330		8.00 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: _____ Title: Vice President Date: 09/09/2019

Bidder/Offeror Authorized Representative

Signature: Joseph C. Corradino Title: CEO The Corradino Group Date: 09/09/19

[1] Visit Census.gov and select NAICS to search and identify the correct codes. Match type of work with NAICS code as closely as possible.
[2] To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018 **Compliance Form No. 004**

BROWARD COUNTY FLORIDA

Office of Economic and
Small Business Development

Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

This Certificate is Awarded to:

STONER & ASSOCIATES, INC.

As set forth in the Broward County Business Opportunity Act of 2012, the certification requirements have been met for:

County Business Enterprise (CBE)
Anniversary Date: June 19th

Authorized Representative

The Office of Economic and Small Business Development must be notified within 30 days of any material changes in the business which may affect ownership and control. Failure to do so may result in the revocation of this certificate and/or imposition of other sanctions.

A Service of the Broward County Board of County Commissioners
www.broward.org/smallbusiness

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BROWARD COUNTY FLORIDA
OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

January 8, 2019

Ms. Yvonne Garth
GARTH SOLUTIONS, INC.
7951 Riviera Blvd., Suite 411
Miramar, Florida 33023

ANNIVERSARY DATE – Annually, on January 8th

Dear Ms. Garth:

Broward County is pleased to announce that **Garth Solutions, Inc.** has renewed its certification as an **Airport Concessions Disadvantaged Business Enterprise (ACDBE)** and **Disadvantaged Business Enterprise [DBE]** in Florida, under a **Unified Certification Program [UCP]** in accordance with 49 CFR, PARTS 23 and 26.

ACDBE/DBE certification continues from your anniversary date, but is contingent upon Garth Solutions, Inc. renewing its eligibility annually through this office, Office of Economic and Small Business Development (OESBD). OESBD will notify you in advance of your obligation to provide continuing eligibility documents; however, assuring continued certification is your responsibility. Failure to continue your eligibility will result in immediate action to remove Garth Solutions, Inc. as an ACDBE/DBE.

As long as Garth Solutions, Inc. is listed in the DBE Directory, it is considered ACDBE/DBE Certified by all Florida UCP Members.

ACDBE/DBE Certification is subject to actions by governmental agencies impacting the disadvantaged status of Garth Solutions, Inc.

Garth Solutions, Inc. will be listed in Florida's **UCP DBE Directory** which can be accessed via the internet, at https://www3.dot.state.fl.us/EqualOpportunityOffice/BizNet.

ACDBE/DBE certification is **NOT** a guarantee of work, but enables Garth Solutions, Inc. to compete for, and perform, contract work on all USDOT Federal Aid FAA, FTA and FHWA) projects in Florida as an ACDBE/DBE contractor, sub-contractor, consultant, and sub-consultant or material supplier.

Broward County Board of County Commissioners
Mark D. Bogen • Beam Furr • Steve Geller • Dale V.C. Holness • Chip LaMarca • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine
www.broward.org

Re: Garth Solutions, Inc. **January 8, 2019**

If, at any time, there is a material change in Garth Solutions, Inc., including, but not limited to, ownership, officers, directors, scope of work being performed, daily operations, affiliations with other businesses or individuals or physical location of Garth Solutions, Inc., you must notify OESBD, in writing, without delay. Notification should include supporting documentation. You will receive acknowledgement and confirmation of continued eligibility, if applicable after notification of changes.

Garth Solutions, Inc. may compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, receiving DBE credit for work performed in the following areas:

NAICS CODE: 541611 Administrative Management Consulting Services
NAICS CODE: 541613 Marketing Consulting Services
NAICS CODE: 541820 Public Relations, Outreach
NAICS CODE: 541430 Graphic Design Services
NAICS CODE: 541616 Other Management Consulting Services
NAICS CODE: 561110 Office Administrative Services

Please feel free to contact OESBD for any questions or concerns pertaining to your ACDBE/DBE certification. Our telephone number is (954) 357-6400; our fax number is (954) 357-5674.

Sincerely,

Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

Section 1: Ability of Key Personnel

Florida UCP DBE Directory

Number of Records Returned: 1
Selection Criteria:
Vendor : GARTH SOLUTIONS, INC.

Vendor Name: **GARTH SOLUTIONS, INC.**
DBE Certification: CERTIFIED **MBE Certification:**
DBA: **Former Name:**
Business Description: CONSULTING SERVICES MARKETING PUBLIC RELATIONS

Mailing AddressJ: 7951 RIVIERA BOULEVARD SUITE 41
1
MIRAMAR, FL 33023-

Contact Name: YVONNE GARTH **Phone:** (954) 727-3001 **Fax:** (888) 819-3041
Email: YVONNE@GARTHSOLUTIONS.COM
ACDBE Status: Y
Statewide Availability: Y

Certified NAICS

541611	Administrative Management and General Management Consulting Services
541613	Marketing Consulting Services
541820	Public Relations Agencies
541910	Marketing Research and Public Opinion Polling

BROWARD COUNTY FLORIDA
OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

LETTER OF INTENT

BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2119168P1

Project Title: Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Bidder/Offeror Name: The Corradino Group, Inc.

Address: 4055 NW 97th Avenue, Suite 200 City: Miami State: FL Zip: 33138

Authorized Representative: Joseph C. Corradino, PE - Chief Executive Officer Phone: 305.594.0735

CBE Firm/Supplier Name: Garth Solutions, Inc.

Address: 7951 Riviera Blvd. Suite 411 City: Miramar State: FL Zip: 33023

Authorized Representative: Ms. Yvonne Garth - President Phone: 954.727.3001

A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.

B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.

C. By signing below, the above-named CBE is committing to perform the work described below.

D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

Work to be performed by CBE Firm

Description	NAICS[1]	CBE Contract Amount[2]	CBE Percentage of Total Project Value
Public Outreach Services			4 %
			%
			%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: _____ Title: President & CEO Date: 9/5/2019

Bidder/Offeror Authorized Representative

Signature: Joseph C. Corradino Title: Chief Executive Officer Date: 09/05/2019

[1] Visit Census.gov and select NAICS to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

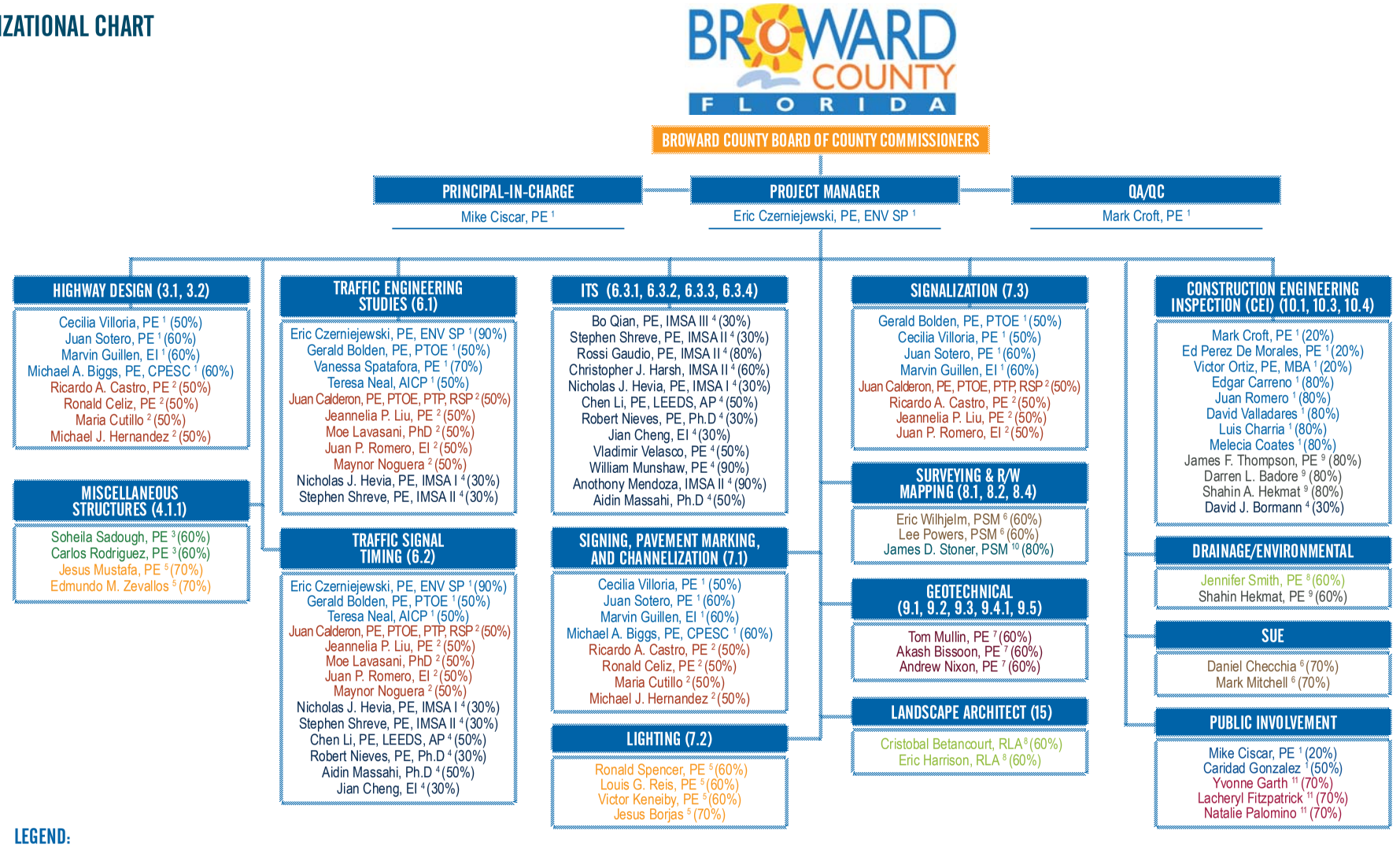
[2] To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: June 2018 **Compliance Form No. 004**

Section 1: Ability of Key Personnel

ORGANIZATIONAL CHART



LEGEND:

1 I The Corradino Group, Inc.	3 I ASA Consultants, Inc.	5 I BMA Consulting Engineering, Inc.	7 I Radise International, L.C.	9 I Thompson & Associates Inc.	11 I Garth Solutions, Inc.
2 I CALTRAN Engineering Group, Inc.	4 I Eland Engineering, Inc.	6 I Keith and Associates, Inc.	8 I Chen Moore and Associates, Inc.	10 I Stoner & Associates, Inc.	(%) AVAILABILITY

SPECIALIZED CERTIFICATIONS AND CTQP CERTIFICATIONS

The Matrix below demonstrates The Corradino Team have the specialized certifications required to performing the services and the CEI personnel are CTQP certified by the FDOT and their certification(s) are current on the items they will be inspecting. License and certifications for all the key personnel start on page 155.

				SPECIALIZED CERTIFICATIONS				CTQP QUALIFICATIONS										
Key Staff	Position	Firm	Years Experience	Advanced MOT	IMSA Traffic Signal Construction Tech L II	IMSA Traffic Signal Technician	IMSA Traffic Signal Inspector (FL Edition)	QC Manager	Final Estimates L I	Final Estimates L II	Concrete Field Technician L I	Asphalt Paving L I	Asphalt Paving L II	Earthwork Construction Inspection LI	Earthwork Construction Inspection L II	Pile Driving Inspection	Drilled Shaft Inspection
Mark Croft, PE	QA/QC	TCG	33	✔													
Cecilia Villoria, PE	Roadway Design Engineer	TCG	25	✔													
Juan Sotero, PE	Roadway Design Engineer	TCG	33	✔													
Victor Ortiz, PE, MBA	CEI Project Engineer	TCG	19	✔				●									
Edgar Carreno	Senior Inspector	TCG	16						●	●	●	●	●	●		●	●
Juan Romero	Senior Inspector	TCG	2.5								●	●	●	●	●	●	●
David Valladares	Senior Inspector	TCG	3				✔		●		●	●	●	●		●	●
Luis Charria	Senior Inspector	TCG	18				✔		●		●	●	●	●	●		
Melecia Coates	Senior Inspector	TCG	8				✔	●	●	●	●	●	●	●	●		●
Bo Qian, PE	ITS Engineer	Eland	23	✔		✔											
Stephen Shreve, PE, IMS	ITS Engineer	Eland	20			✔											
Rossi Gaudio, PE	ITS Engineer	Eland	10	✔		✔											
Christopher J. Harsh	ITS Engineer	Eland	23			✔											
Anthony Mendoza	Senior ITS Technician	Eland	16		✔												
Aidin Massahi, PhD	Senior ITS Technician	Eland	7	✔													
David Borman	ITS Technician	Eland	10			✔											
Darren L. Badore	CEI Project Engineer	T&A	14										●				
Shahin A. Hekmat, PE	CEI Project Engineer	T&A	25	✔													
Shahin Hekmat	Junior Inspector	T&A	3						●				●				

YEARS OF EXPERIENCE
21

EDUCATION
Southern Illinois University Edwardsville
B.S., Civil Engineering
1991 – 1997
Activities and Societies: American Society of Civil Engineers (Student Chapter)

PROFESSIONAL REGISTRATIONS
Licensed Professional Civil Engineer
Florida Board of Professional Engineers, License 58002
January 2002 Present

Envision Sustainability Professional
Institute of Sustainable Infrastructure (ISI) December 2013 – Present

PROFESSIONAL AFFILIATIONS
ASCE Region 5 Governor

ASCE Broward Past President

ASCE Transportation Public Policy Committee Chair

ASCE Committee on Sustainability

AWARDS
ASCE Government Engineer of the Year (2013)

ASCE Engineer of the Year (2011)

ASCE Young Engineer of the Year (2006)

ERIC CZERNIEJEWSKI, PE, ENV SP
Project Manager



Mr. Czerniejewski, PE is the Director of Traffic Engineering for CGA with 21 years of experience in transportation engineering design, traffic engineering and transportation planning. He has experience in transportation projects that include preparation of traffic studies including corridor studies, traffic impact studies, mobility studies and parking utilization and reduction studies. He is also specialized in signalization design, roadway design, managing, designing and permitting select transportation infrastructure engineering projects; planning and developing civil engineering design documents; and coordinating construction engineering and inspection. Some of his relevant mobility plan experience includes development of citywide mobility plan for the City of Fort Lauderdale, preparation of the campus master mobility plans for Florida International University and Florida Atlantic University as well as Memorial Health Care Joe DiMaggio Hospital campus. He is certified to prepare traffic control plans and process LAP projects by FDOT.

EXPERIENCE

Andrews Avenue Multimodal Improvements, City of Oakland Park, FL *Traffic Engineer Lead***.** Mr. Czerniejewski was the Lead Traffic Engineer who prepared the traffic study which evaluated the need for mid-block crosswalks along a stretch of Andrews Avenue between Oakland Park Boulevard and Prospect Road. Consultant completed a safety analysis including review of crash history along the corridor using Signal Four Analytics. Consultant evaluated the proposed midblock crosswalk locations based on criteria of the Traffic Engineering Manual and Manual on Uniform Traffic Control Devices per Broward County Traffic Engineering Division. Consultant collected pedestrian traffic data including four-hour pedestrian volume counts at ten (10) proposed mid-block crossing locations and 24-hour bi-directional traffic counts were collected for Andrews Ave between Oakland Park Boulevard and NW 38th Street and on Andrews Avenue south of Prospect Road. Consultant also evaluated the traffic operational conditions at the four signalized intersections along Andrews Avenue at Prospect Road, NE 38th Street, and E. Oakland Park Boulevard to determine the optimal signal timings and the appropriate length of future dedicated turn lanes. Design plans were developed for the transportation infrastructure improvements.

Martin Luther King Boulevard Corridor Improvements, City of Pompano Beach, FL *Traffic Engineer Lead***.** Resurfacing, restoration, and rehabilitation of the MLK Boulevard corridor from east of the FL. Turnpike to Powerline Road. Part of the scope of work included the addition of landscaped medians, street lighting improvements, signing and pavement markings as well as a signal warrant and corridor traffic operational study. A new traffic signal was warranted at the MLK Boulevard. and NW 27th Avenue intersection. Full design plans and permitting including traffic signal timing analysis was provided for the new signalized intersection.

Nova Drive Corridor Improvements, Town of Davie, FL. *Traffic Engineer Lead.* Mr. Czerniejewski who prepared a traffic feasibility study for the proposed roundabout at the intersection of Nova Drive and SW 73rd Way. Evaluated safety benefits and traffic operational improvements of reconfiguring the intersection from a two-way-stop-controlled intersection to a single-lane roundabout. The operational analysis included data collection, speed data analyses, gap analyses, and crash review. Mr. Czerniejewski also assisted in the traffic

signalization improvements for the conversion of the span-wire supported traffic signal to mast arm supported traffic signal at Nova Drive. and College Ave; part of this project corridor.

Town of Surfside Traffic Signal Modifications, Town of Surfside, FL. *Project Manager***.** Mr. Czerniejewski completed Traffic Signal Modification plans for the installation of new traffic loops at the intersections of Harding Avenue and 88th Street, Harding Avenue and 93rd Street, Harding Avenue and 94th Street and Harding Avenue and 95th Street. Traffic signal design services included the installation of traffic signal loops and related traffic signal infrastructure for the eastbound and westbound movements on 88th Street, 93rd Street and 94th Street and the eastbound movements on 95th Street at the signalized intersections with Harding Avenue (southbound). The traffic signal design modification plans were in accordance with the FDOT Roadway Design Standards, FDOT Standard Specifications for Road and Bridge Construction and the Manual on Uniform Traffic Control Devices. Consultant completed signal optimization and modifications based on the new actuated traffic signal infrastructure. This project included peak hour manual turning movement count data collection, intersection capacity analysis in Synchro and timing implementation, evaluation and fine tuning with Broward County Traffic Engineering Division in order to certify the proposed signal operation plan for these intersection modifications.

Downtown Boca Raton Traffic Study, Boca Raton, FL. *Project Manager.* Mr. Czerniejewski was the Project Manager and Traffic Engineer for the preparation of a traffic study at the intersection of Palmetto Park Road and NE/SE 5th Avenue which examined the safety and the operation of the intersection of Palmetto Park Road and NE/SE 5th Avenue and seven other surrounding intersections and enumerated at least three viable improvement concept plans. The alternative analysis included quantitative and qualitative elements such as Safety, Context Sensitivity, Capacity, Benefit Cost and Fatal Flaw analysis as well as the evaluation of bridge preemption and signal coordination with the subject intersection.

Bonaventure Boulevard. and Royal Palm Boulevard. Intersection Modification, City of Weston, FL.*Traffic Engineering***.** Mr. Czerniejewski completed the final design and permitting for the traffic signal modifications to the intersection of Bonaventure Blvd and Royal Palm Boulevard. The services provided included traffic signal retiming and optimization, geometric roadway design, signing and pavement marking design and for the intersection at Bonaventure Blvd and Royal Palm Rd in Weston, Florida. This project included peak hour manual turning movement count data collection, intersection capacity analysis in Synchro and timing implementation, evaluation and fine tuning with Broward County Traffic Engineering Division in order to certify the proposed signal operation plan for this intersection modification.

City of Weston Retiming Project, City of Weston, FL.*Traffic Engineering Consultant* .Mr. Czerniejewski performed signal retiming for all signalized intersections within the City of Weston to improve signal coordination utilizing along major corridors and improve overall efficiency of the City's roadway and traffic signal infrastructure network. The traffic analysis included the identification of all major signalized intersections, summary and analysis of traffic volumes, speeds, classification data, turning movement counts, intersection delays, gaps, and travel times. The traffic signal retiming analysis was evaluated using Synchro 9 software. This project included peak hour manual turning movement count data collection, intersection capacity analysis in Synchro and timing implementation, evaluation and fine tuning with Broward County Traffic Engineering Division in order to certify the proposed signal operation plan for this intersection modification.

Mast Arm Conversion Group Phases I&II, Horsepower Electric (Client) *Program Manager.* Mr. Czerniejewski for the Design Build professional services associated with the conversion of span-wire supported traffic signal at 35 intersections across Broward County. Consultant along with Horsepower Electric is providing engineering and design services, plans preparation, field survey, utility coordination, permitting, public involvement, coordination with adjoining projects, minor roadway reconstruction and paving, signing and pavement marking, ADA compliant sidewalk reconstruction, traffic signal retiming and optimization, traffic signal design and construction.

YEARS OF EXPERIENCE
34

EDUCATION
1985, BS (Civil Engineering),
University of Florida,
Gainesville, FL

PROFESSIONAL REGISTRATION
Professional Engineer:
Florida, No. 0043244, 1990

AWARDS
FDOT Sustained Superior Accomplishment Award
FDOT Jay W. Brown Award, Manager of the Year
FDOT Ben G. Watts Award, Leader of the Year

MIKE CISCAR, PE
Principal-in-Charge



Corradino's Vice President of Engineering and Planning has 34 years of experience in the field of civil and transportation engineering. Mr. Ciscar oversees all of Corradino's engineering operations in South Florida. Corradino's projects range from planning and design to major expressway corridor studies, highway design, and construction assistance. Prior to joining Corradino, Mr. Ciscar had a distinguished 16-year career with the Florida Department of Transportation's District Six office and served as the District Environmental Management Engineer for 5 and ½ years. In his capacity as the Environmental Management Engineer, he directed the activities of the District Environmental Management Office to ensure compliance with all FDOT objectives, Departmental policies, and FHWA requirements, as well as all federal, state, and local laws and regulations. The primary function of the office was to perform Project Development and Environment (PD&E) Studies. This entails performing engineering and environmental studies, documenting the studies in the form of engineering reports and environmental documents, and conducting extensive public and inter-governmental coordination. Mr. Ciscar was responsible for obtaining all environmental permits and approvals for all of the District's projects.

EXPERIENCE

FDOT D6, East/West Corridor Multimodal (Transit) Study Review. *Project Manager.* The purpose of the assignment is to further explore the findings of the summary briefing that had been presented to Senior management of the department, and to assist the department in planning the potential development of an East-West Multimodal (Transit) Corridor within Miami-Dade County, and to prepare a full Draft report for submittal to the Department.

FDOT D6, SR 826 East/West PD&E/SIMR Study, Add Express Lanes/Bus Rapid Transit. *Deputy Project Manager and Public Involvement Functional Manager* for the CE-II study to add managed lanes and modify interchanges along the SR 826/Palmetto Expressway corridor from I-75 to Golden Glades Interchange, with the objective of improving mobility, relieving congestion and providing additional travel options in the area.

FDOT D6, SR 826 North/South PD&E Study, Add Express Lanes/Bus Rapid Transit. *Deputy Project Manager and Public Involvement Functional Manager* for the CE-II study to add managed lanes along the SR 826/Palmetto Expressway corridor from SR 836/Dolphin Expressway to I-75, with the objective of improving mobility, relieving congestion and providing additional travel options in the area. Location Design Concept Acceptance (LDCA) was obtained in a record time of 12 months. *Reference: Dat Huynh, PE, (305) 470-5217*

FDOT D4, I-95 PD&E Study, Add Express Lanes/Bus Rapid Transit (Phase 3). *Project Manager and Public Involvement Functional Manager* for a widening/reconstruction interstate corridor study, including transit components, managed lanes, interchange modifications, and ITS implementation strategies. Public meetings, workshops and public hearing were required to obtain project Location Design Concept Approval (LDCA).

FDOT D4, PD&E Services for Tri-Rail Coastal Link from Miami to Jupiter, Palm Beach, Broward and Miami-Dade Counties, FL. *Deputy Project Manager* for the NEPA evaluation meeting Florida PD&E and FTA guidelines. The project is analyzing the environmental impacts of providing new commuter rail service on the existing 85-mile section of FEC Rail line along the southeast Florida coast. The project includes environmental documentation of impacts for track operational improvements of additional third track, alternative analysis of 25 potential stations, crossing improvements, traffic impacts and drainage impacts.

SR 924 is an 8.5-mile east/west highway connecting I-75 and SR-826 in Hialeah and SR-909 (West Dixie Highway) in North Miami, FL. *Project Manager.* The westernmost five (5) miles (west of NW 32nd Avenue), named the Gratigny Parkway, is a limited access all-electronic toll road maintained by the MDX. The easternmost three (3) miles is a surface street called NW 119th Street, also known as Gratigny Road. Despite its relatively short length, SR-924 is a major east/west arterial in northern Miami-Dade County. Project cost: $2,300,000. Construction cost: TBD.

SR 924 (Gratigny Parkway) West Extension Project Development and Environment Study, Miami-Dade, FL. *Project Manager.* The Miami-Dade Expressway Authority (MDX) is conducting a Project Development and Environment (PD&E) Study for (SR924), also known as the Gratigny Parkway, from SR-826 (Palmetto Expressway) to the Homestead Extension of the Florida Turnpike (HEFT) in Miami-Dade County, Florida. The objective of the study is to extend the SR-924 corridor from its current western terminus at SR-826 to the HEFT. The purpose of this extension is to improve access and meet east-west mobility needs for commuters and freight traffic. This improvement will alleviate existing and future local traffic congestion by providing improved access to the integrated expressway network of HEFT, SR924, I-75 and SR826. The current lack of access to the expressways in the area and the lack of direct connections within the expressway network have created congested traffic conditions throughout the study area.

FDOT D4, I-95 Corridor Planning Study, Express Lanes/Bus Rapid Transit Feasibility Study. *Deputy Project Manager and Public Involvement Functional Manager* on a planning study for the development of managed lanes, ramp improvements, interchange modifications, evaluation of ITS technologies, and other types of transportation improvements covering the I-95 corridor throughout Broward and Palm Beach counties, FL.

Environmental Assessment Study for Park & Ride Facility, Miami-Dade Transit (MDT). *Principal-in-Charge* for this Environmental Assessment Study for the Park & Ride Facility at SW 344th Street and Busway in Florida City.

FDOT D4 and D6, I-95 Express PD&E Study. *Project Manager* for the preparation of a CE-II for the implementation of two express lanes in each direction on I-95 from I-395 in Miami to Broward Boulevard in Fort Lauderdale. The Florida Department of Transportation (FDOT), in cooperation with local transit partners, developed a project to manage congestion and provide travel options in South Florida. The project, called 95 Express, was a combined Bus Rapid Transit/Managed Lane project. Existing lane and shoulder widths were slightly reduced so that an additional lane could be provided on I-95 in each direction without expanding the corridor. The two existing High Occupancy Vehicle (HOV) lanes and two new lanes on Interstate I-95 were converted to limited access Managed Lanes. The Managed Lanes can be used by 95 Express Buses, vanpools and registered car pools for free while other vehicles can use the facility by paying a variable toll. The toll rate will vary depending on the time of day so that the Managed Lanes can be free flowing – at approximately 50 MPH – at all times. The Managed Lanes provide a reliable option that is there for you when you need it. Project Cost: $1,500,000.

FDOT D4 and D6, I-95 Express Lanes/Bus Rapid Transit PD&E/IOAR Study, Add Express Lanes (Phases 1 & 2). *Project Manager and Public Involvement Functional Manager* in cooperation with local transit partners, developed a pilot project to manage congestion and provide travel options in South Florida. The project, called 95 Express Phase I and II, was a combined Bus Rapid Transit/Managed Lane project. Location Design Concept Acceptance (LDCA) was obtained in a record time of 8 months.

YEARS OF EXPERIENCE
33

EDUCATION
BS (Civil Engineering), University of Florida, Gainesville, FL, 1984

PROFESSIONAL REGISTRATIONS
Professional Engineer:
Florida, No. 40941, 1989

TIN ID No.

CTQP QUALIFICATIONS
QC Manager – Course / Exam

OTHER CERTIFICATIONS
MOT Advanced
DCE Critical Structures
Construction Academy
FDOT Leadership Academy
Auger Cast Pile

MARK CROFT, PE
QA/QC



Mark Croft is the Vice President of the Construction Engineering and Inspection Division for the Miami Office of The Corradino Group, Inc. Mr. Croft's experience includes more than 30 years managing Construction Projects and Programs for the Florida Department of Transportation. Prior to joining Corradino in October 2014, Mr. Croft was the head of the construction engineering program for District VI of the Florida Department of Transportation from January 2000 to October 2014. Under Mr. Croft's direction, the District's Construction Program was a statewide leader in minimizing time and cost overruns.

EXPERIENCE

FDOT D6, Oversite of Florida Keys Construction Program – Construction Project Manager. Mr. Croft manages the D6 Monroe County Residency Contract and the Keys Bridge Grouping CEI Contracts performing QA reviews and ensuring compliance with FDOT procedures and contractual requirements.

FDOT D6, Miscellaneous CEI / D4 I-95 Corridor Engineering Contract, Broward County, FL – CEI Consultant Engineer. Mr. Croft managed the D6 Miscellaneous CEI Contract from October 2014 thru April 2015, performing QA reviews and assigning staff for this Task Work Order Contract. He has provided schedule, constructability, RFP language, and Technical Proposal Reviews for the D4 I-95 Managed Lane Contracts from October 2014 to present.

FDOT D6, Miami-Dade County, FL – District Construction Engineer. Responsible for the management of the construction work program for the District. The District Construction Department consisted of up to 100 employees with a salary allocation in excess of $3 million and an operating budget of $200 thousand per year. During the last five years, the construction program exceeded $2 Billion in active contracts. Mr. Croft's duties and responsibilities included overall contract administration on the District work program, including progress and final payment to consultant and contractors; review, negotiation and approval of requests for change orders; and claim analysis on settlement of disputed issues. Monitoring cost and time on all contracts to ensure that cost/time overruns remained within state target. Making recommendations to District Production and Work Program on the most effective methods of contracting and incentives (i.e. design-build, no-excuse bonus, lane rental, incentive/dis–incentive, etc.). Recommendations were based on project location and type of contract (i.e. reconstruction, milling and resurfacing, bridge) as well as the impact of the project on the traveling public and community. Providing liaison with other governmental agencies and local municipalities in the coordination of joint project agreements. Coordinating interdistrict activities with all operations (traffic operations, maintenance) and production (design, right–of–way, utilities) units through the applicable Department heads. Coordinating construction issues with the State Construction Office, FHWA, and other Districts.

Port of Miami Tunnel, Miami, FL – District Construction Engineer (DCE). This project consisted of two 3800' long - 42' diameter Bored Tunnels with segmental concrete liners along with operational and maintenance buildings. The work included casting more than 12,000 liner segments, CSM wall panels, extensive soil grouting, tremie seals, two new concrete bridges and the widening of a 19-span high level bridge (McArthur Causeway), along with MSE walls and roadway reconstruction and widening items. This project was a full Public Private Partnership with a 35 Year Concession inclusive of a 30-year Operation and Maintenance period.

FDOT D6, Miami Intermodal Center (MIC), Miami, FL – DCE. The MIC was a Billion Dollar program to construct an intermodal center adjacent to the Miami International Airport providing connectivity and improved access to the airport. The program included a Rental Car

Center, People Mover connection to the airport, Metro Rail Station, TriRail/Amtrack Station and Bus Station. Mr. Croft was responsible for the Construction management of this program from the selection of the CM@Risk Contractor in 2001 through October 2014.

FDOT D6, SR826/SR836 Interchange, Miami-Dade County, FL – DCE. Capacity improvements include the reconstruction and widening along both S.R. 826 and S.R. 836, the construction of a four-level interchange as well as the reconstruction/modifications of the Flagler Street/ S.R. 826 and the Milam Dairy Road/NW 72 Avenue/S.R. 836 interchanges. The work includes 42 new bridges, four of which are direct connect flyover segmental bridges constructed via balanced cantilever method utilizing both gantry and crane erection. The project also includes over one million cy of embankment, temporary and permanent MSE walls, new asphalt roadway construction, and several ITS signs and detectors. This project was a Design-Build-Finance contract jointly funded by Miami-Dade Expressway Authority.

FDOT D6, SR 826/Palmetto Expressway at Miller Dr., SR 874 & Bird Road, Miami-Dade County, FL – DCE. Capacity improvements included reconstruction and widening of SR 826 from Miller Drive to Bird Road including new bridge structures and other interchange improvements at Miller Drive, SR 874 & Bird Road. This project was also a Design-Build-Finance contract.

FDOT D6, SR 9A/I-95/Managed Lanes from SR 112/I-195 to Golden Glades, Miami-Dade County, FL – DCE. This project was the first Express Lane project in the State of Florida. It was a Design-Build-Finance contract which included widening and bridge reconstruction along I-95 to create variable rate Tolled Express Lanes along with Ramp Metering to manage congestion on this busy Miami-Dade Corridor.

FDOT D6, SR5/US-1 18 Mile Stretch, Key Largo to Florida City, FL – DCE. Widening and reconstruction of US-1 in the Upper Keys with median barrier. Projects included a Design Build for the replacement of an old bascule bridge at Jewfish Creek with a high level concrete structure and an Unsolicited Proposal for a Design-Build Finance Contract to advance and construct 8 miles of the corridor. Mr. Croft was involved in the review and negotiation of the Unsolicited Proposal as well as the oversite of all of the contracts in the corridor.

FDOT D6, Miami-Dade County, FL – Assistant District Construction Engineer. Responsible for providing support to the District Construction Engineer for the management of the District's Construction Program. Serve as a reviewer to all claims, time extensions, and interpretation of specifications. Supervised the District Construction Office Contract Controls areas including: Final Estimates, Training, Compliance, Contract Support, and Administrative Support.

FDOT D4, West Palm Beach, FL – Resident Engineer. Responsible for the management of the FDOT construction work program for Palm Beach County. Mr. Croft's duties and responsibilities include overall contract administration on the Residency work program, including progress and final payment to consultant and contractors; review, negotiation and approval of change requests.

YEARS OF EXPERIENCE
25

CECILIA VILLORIA, PE

Roadway Design Engineer



Division Manager of Highway Design Miami. Cecilia is a graduate of Florida International University with a BS in Civil Engineering. She also earned a BS in Biology from the University of South Florida and is a registered engineer in Florida. She has 25 years of experience in all aspects of Project Management, Scheduling, Roadway Design, Maintenance of Traffic, Signalization, and Drainage. She has direct responsibilities dealing with design requirements and codes for the Florida Department of Transportation, (FDOT) Miami-Dade County, South Florida Management District (SFWMD), and AASHTO. She is actively involved in marketing efforts. Responsible for preparation of bid proposals, presentations and client negotiations. She coordinates the activities of the design team members and sub-consultants to meet project goals on schedule and within budget.

EXPERIENCE

Iron Manors Fountain and Crosswalks Projects, City of North Miami, FL. *Project Manager.* The Corradino Group was responsible for preparing design plans, specifications, and contracting documents. Corradino managed the project and was in direct responsible charge for the design and permit related to the decorative crosswalks. MAK Work will be in responsible charge for all design elements related to the landscape, hardscape and softscape of the project.

West 76th Street from West 24th Avenue to West 20th Avenue, City of Hialeah, FL. *Contract Management.* This project is located in a densely residential neighborhood with multiple driveway connections per property. The reconstruction of the road converted the existing flush shoulder condition to a curb & gutter section which requires the raising and lowering of the road in order to provide an adequate profile for drainage. The project also added parallel parking spaces where space allowed. Sidewalks and ramps were also provided following the latest ADA standards. The proposed roadway improvement will be permitted through Miami-Dade County's RER Department. The project also includes lighting and signing and pavement marking improvements throughout the project limits. Extensive care was made during design to minimize impacts to existing landscaping, utilities and all other existing above-ground objects. Scope of services provided: Pavement markings and signage, roadway lighting, roadway plans, traffic maintenance, addition of French Drain and concrete curbs, gutters and sidewalks.

Installation of 42-inch Diameter. Water Main Between the Intersection of Biscayne Boulevard (SR5/US-1) and NE 5th Street to Port of Miami, Miami, FL. Developed Traffic Control Plans for a proposed 42-inch water transmission main that will interconnect with a future 36-inch stub-out (WASD's Downtown Loop Project) located at the intersection between Biscayne Boulevard (SR 5 / US-1) and NW 5th Street. The proposed alignment runs from the intersection along Port Boulevard, under Biscayne Bay, and into Port of Miami. Approximately 10,000± ft. of transmission pipe is proposed as part of this project, which takes into consideration future system expansion and improvements identified in the Port of Miami's Master Plan.

(FDOT) D4, SR A1A North Causeway Bridge (#940045) over Intracoastal Waterway from US-1 to Approximately 4600 Feet East of the Existing Bridge, St. Lucie County, FL. Fixed bridge replacement for the existing bascule ICWW bridge #940045 from US-1 over FEC railroad and Old Dixie Highway to 2000 feet east of the existing bridge approach. In addition to the proposed bridge replacement, Juanita Avenue will be extended to the east from its existing intersection with US 1 to Old Dixie Highway to maintain access between US

1 and SR A1A. Turn lane modifications are also being implemented to US-1 (NB & SB) to accommodate Janita Ave to the east. Signalization improvements include the removal of the existing signal at the intersection of Old Dixie Highway and SR A1A and modification of the existing signals at the intersection of SR A1A and US-1. Engineer responsible for design and management of at grade roads, signalization and signing and pavement markings.

FDOT D6, SR 9/SR 817/NW 27th Avenue Premium Transit PD&E Study, Miami, FL. Study focuses on providing multimodal street improvements to accommodate Premium Transit service along the arterials within the project limits. Premium Transit modes to be considered and evaluated include: Bus Rapid Transit (BRT), Light Rail Transit (LRT), and Heavy Rail Transit (HRT/Metrorail) on exclusive lanes/guideways. Assisting with the development of the design alternatives.

FDOT D4, SR 9/ I-95 Southbound I-95 from South of L-30 Canal to North of Gateway Boulevard. Northbound I-95 from South of Boynton Beach Boulevard, to North of Gateway Boulevard., Fort Lauderdale, FL. *Project Manager* for the resurfacing, restoration and rehabilitation (RRR) of a 10-lane interstate freeway, limited access facility including inside and outside shoulders from L-30 Canal (MP 11.442) to north of Gateway Blvd (MP 16.427) in the southbound direction; and from north of Woolbright Road (MP 14.366) to north of Gateway Boulevard (MP 16.427) in the northbound direction. The scope of work includes the following: milling and resurfacing, cross slope correction, MOT, signing and pavement markings, and signalization.

FDOT D6, SR 944 / NW-NE 54th Street from East of SR7/US-441/NW 7th Avenue to SR5/US-1/Biscayne Boulevard, Miami, FL. *Project Manager* for the resurfacing, restoration and rehabilitation (RRR) along with safety improvements. The existing roadway typical section is generally comprised of four undivided lanes with curb and gutter, variable-width sidewalk, utility strip, and on-street parking. In general, the scope of work includes the following: milling and resurfacing of SR 944/NW-NE 54th Street between the limits described above; safety improvements along SR 944/NW-NE 54th Street from NW 6th Avenue to NE 1st Avenue; upgrading pedestrian curb ramps and other pedestrian safety deficiencies needed to comply with ADA requirements; signing and pavement markings; and signalization upgrades.

FDOT D6, SR 5/US-1/Brickell Avenue/Biscayne Blvd. Way from North of SE 5th Street (MP 10.405) to South of SE 2nd Street (MP 10.816), Miami, FL. The scope of work included final design and development of plans to update all sub-standard, ground-mounted signs to comply with the latest edition of MUTCD and the FDOT Traffic Engineering Manual; and replace and upgrade all pavement markings per the latest Design Standards. Analysis and development of plans for installation of the proposed signing and pavement marking improvements associated with the project. The total length of the project is 0.411 miles.

I-95 Northbound and Southbound Rigid Pavement Rehabilitation Project from NW 79th Street (MP 7.294) to NW 103rd Street (MP 8.823), Miami, FL. *Assistant Project Manager* for the rehabilitation of the existing concrete pavement of mainline I-95 and eight ramps connecting to I-95 between the project limits. Scope includes pavement design, MOT, pavement markings restoration, preparation of specifications package, and coordination as necessary with Traffic Management Center, FDOT Construction, and Maintenance for Asset and Incidence management. Supervised design activities, monitored schedule and budget of the project.

I-95 Southbound Ramps Rigid Pavement Rehabilitation Project from NW 125th Street (MP 10.195) to Biscayne River Canal (MP 12.065), Miami, FL. *Assistant Project Manager* for the rehabilitation of the existing concrete and flexible pavement of the ramps to functional adequacy. Scope includes pavement design, MOT, pavement markings restoration, preparation of specifications package, and coordination as necessary with Traffic Management Center, FDOT Construction, and Maintenance for Asset and Incidence management.

YEARS OF EXPERIENCE
16

EDUCATION
BS (Civil Engineering), Florida International University, Miami, FL, 2001

PROFESSIONAL REGISTRATIONS
Professional Engineer:
Florida, No. 67386, 2006

PROFESSIONAL AFFILIATIONS
American Society of Civil Engineers (ASCE)
Member, Chi Epsilon – Civil Engineering National Honor Society
Tau Chi Alpha – Environmental Engineering Honorary

JUAN A. SOTERO, PE

Roadway Design Engineer



Mr. Sotero has 15 years of experience in the fields of civil and roadway engineering and is a project engineer responsible for assisting in designing and producing roadway plans for Florida Departmeny of TransportationFDOT, Miami-Dade County and other municipalities. His experience consists of roadway design, signing and pavement markings, signalization, and drainage design. He prepares pavement design reports, typical section packages, and design exception and variations reports. Furthermore, he assists in post design services and performs field inspections.

EXPERIENCE

FDOT D6 – NW 74th Street from NW 74th Avenue to NW 69th Avenue and NW 69th Avenue from NW 74th Street to FEC Hialeah Railyard Entrance – Miami Dade County Project Length: 0.749 miles. (FDOT) Florida Department of Transportation District 6 – FM No. 436479-1-52-01: The scope of this project consists on reconstruct Local NW 74th Street from NW 74th Avenue to SR 969 NW 72nd Avenue Milam Dairy Road and will also perform RRR improvements including milling and resurfacing on Local NW 74th Street from SR 969 to NW 69th Avenue. The project will also reconstruct NW 69th Avenue from Local NW 74th Street to the Hialeah FEC Rail Yard Entrance and upgrading pedestrian ramps to comply with ADA standards. Juan is responsible for designing roadway improvements that include reconstruction, milling and resurfacing, pavement markings, and sidewalks/curb ramps to comply with ADA standards, preparing the Flexible Pavement Design Package, Design Exceptions, and Design Variations.

FDOT, D6, RRR Project, SR 826/Palmetto Expressway from SR 878/Snapper Creek Expressway to North of SR 986/Sunset Drive, Project Length: 0.928 miles, FM No. 430821-2-52-01, Miami-Dade County, FL. The scope of this project consists of milling and resurfacing of pavement markings improvements and upgrading pedestrian ramps to comply with ADA standards. Mr. Sotero is responsible for the design of signing and pavement marking improvements, preparing the Flexible Pavement Design Package, Design Exceptions, and Design Variations.

SR 826/Palmetto Expressway RRR, Project Length: 1.343 Miles, FPID: 432743-1-52-01, Miami-Dade County, FL. *Project Engineer* responsible for the design and preparation of contract documents detailing the RRR of SR 826/Palmetto Expressway from its southern terminus at SR 5/US 1/S. Dixie Highway (MP 0.000) to just north of SR 878/Snapper Creek Expressway (MP 1.343). The project also includes upgrading of substandard guardrail terminals, replacement of guardrail to bridge railing transitions (Bridge 870129), upgrading bridge railing with vertical face retrofit (Bridge 870129), replacing bridge expansion joints and replacing all pavement markings.

FDOT, D6, Reconstruction Project, I-75 Express Lanes from County Line to SR 826, FPID 432687-1-52-01, Project Length: 3.07 Miles, FM No. 430821-2-52-01, Miami-Dade County, FL. *Project Engineer.* The scope consisted of adding two express lanes in the I-75 median with egress and ingress points. Responsible for preparing the Flexible Pavement Design Package for design-build RFP documents.

Coral Reef Elementary Safe Routes to School, Palmetto Bay, FL. *Project Roadway Engineer.* Responsible for the design and plans preparation for design-build RFP documents. The scope consisted of providing sidewalk to meet ADA standards, and pavement marking improvements for pedestrian accessing Coral Reef Elementary School in the Village of Palmetto Bay. The project was part of FDOT local agency programs.

FDOT, D6, RRR Project, SR 959 (SW 57th Avenue/Red Road) from South of US-1 to South of SR-976/SW 40th Street/Bird Road, Project Length: 1.826 miles. FM No. 428484-1-52-01, Miami-Dade County, FL. *Project Engineer.* This project consisted of milling and resurfacing with cross-slope correction, improvements of pavement markings, and upgrading sidewalks and curb ramps to comply with the accessibility standards and requirements set forth in the Americans with Disability Act of 1990 (ADA), Safety improvements at the intersection of US-1 and SW 57th Avenue, and signalization enhancements were also involved.

FDOT, D6 – RRR Project. SR A1A (Collins Avenue) from North of Lincoln Road to Indian Creek Drive, Project Length: 0.835 miles. FM No. 425504-1-52-01, Miami-Dade County, FL. The scope of this project consisted of milling and resurfacing, improvements of pavement markings, and upgrading sidewalks and curb ramps to comply with the accessibility standards and requirements set forth in the Americans with Disability Act of 1990 (ADA). *Project Responsibilities:* Project Engineer, responsible in the design of the roadway improvements for this corridor that includes milling and resurfacing, improvement of pavement markings, installations of count-down pedestrian signals and upgrading sidewalks and curb rumps to comply with ADA standards.

Town of Cutler Bay, Paving and Miscellaneous Drainage Improvements at Bel Aire Sub-Basin 8 Section 5.2., Project Length: 0.47 miles, Miami-Dade County, FL. *Project Engineer*. Design of drainage improvements, plans preparation, drainage calculations and permits. This project consisted of replacing two outfall structures to provide baffles and the installation of 360 linear feet of exfiltration trenches for additional flood protection.

FDOT, D6, RRR Project, SR A1A (Harding/Abbott Avenue) from Indian Creek Drive to South of 75th Street, Project Length: 0.55 miles. FM No. 419860-1-52-01, Miami-Dade County, FL. *Project Engineer*. The scope of this project consisted of milling and resurfacing, improvements of pavement markings, and upgrading sidewalks and curb ramps to comply with the accessibility standards and requirements set forth in the Americans with Disability Act of 1990 (ADA). *Project Responsibilities:* Project Engineer, responsible in the design of the roadway improvements for this corridor that includes milling and resurfacing, improvement of pavement markings, installations of count-down pedestrian signals and upgrading sidewalks and curb rumps to comply with ADA standards.

FDOT, D6, Miscellaneous Pushbutton Design Consultant Services. *Project Engineer*. Responsible for the design and development of signalization plans for miscellaneous push-button design contracts throughout Miami-Dade County.

FDOT, D6, SR5 (US-1) Exclusive Bus Lanes at SW 252nd Street, SW 260th Street and SW 264th Street Intersections, FM No. 250134-1-32-01, Miami-Dade County, FL. *Project Engineer* responsible for the design and plans preparation of the signalization and signing and pavement marking plans. Also responsible for providing construction assistance and on-site inspections. The scope of this project consisted of the signing and pavement marking and signalization design at the above-mentioned intersections.

FDOT, D6, RRR Project, SR 909 (West Dixie Highway) from North of N.E. 151st Street to SR 826/NE 163rd Street, Project Length: 0.875 miles, FM No. 430819-1-52-01, Miami-Dade County, FL. *Project Manager* responsible for the design of the roadway improvements for this corridor that includes milling and resurfacing, improvement of pavement markings, installations of count-down pedestrian signals and upgrading sidewalks and curb rumps to comply with ADA standards.

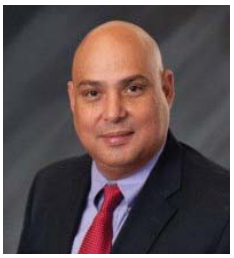
YEARS OF EXPERIENCE
30

EDUCATION
BS (Civil Engineering), University of Miami, 1987

PROFESSIONAL REGISTRATIONS
Engineer-in-Training, Florida, 1988

MARVIN GUILLEN, EI

Project Engineer – Transportation/Miami



Mr. Guillen is a Senior Roadway Design Engineer responsible for the design and production of transportation engineering projects for the Florida Department of Transportation, Miami-Dade County, and other municipalities throughout South Florida. Mr. Guillen has specialized expertise in horizontal and vertical roadway geometry; traffic signing and pavement marking; signalization, lighting, storm drainage design and storm water management; FDOT design, specifications and construction procedures. His highway designs range from $23,000 local road improvements to $40 million Interstate Highway mainline and interchange design and rehabilitation projects. Mr. Guillen has 30 years of experience in highway engineering design and construction, he has been with The Corradino Group for 25 years, where he has designed the horizontal and vertical roadway geometry of more than 100 projects during his tenure in the company.

EXPERIENCE

SR-907/Alton Road Reconstruction, Miami-Dade County, FL. *Project Engineer*. Responsible for assisting in the design and preparation of the Traffic Control Plans detailing the maintenance of vehicular and pedestrian traffic during the reconstruction of SR 907/Alton Road. The Traffic Control Plan from 43rd Street to Pine Tree Drive consists of a 3 Phase approach which proposes a large/safe work zone while decreasing overall construction time. This segment also includes traffic crossovers and temporary signalization. The Traffic Control Plan from Pine Tree Dr. to east of Allison Rd. consists of a 4 Phase approach which also includes temporary signalization and details for the proper/safe maintenance of traffic upstream and downstream of a bascule bridge adjacent to the project terminus.

West 31st and 32nd Streets and West 11th and 9th Avenues, Miami-Dade County, FL. *Project Engineer* responsible for the design and preparation of contract documents detailing the full roadway and drainage reconstruction as part of the City of Hialeah's Roadway Improvement Program. The newly designed drainage system consists of several self-contained French Drain systems that run the length of each street as is the policy in Hialeah. The proposed drainage and roadway improvement will be permitted though Miami-Dade County's RER Department. The project also includes lighting and signing & pavement marking improvements throughout the project limits. Extensive care was made during design to minimize impacts to existing landscaping, utilities and all other existing above ground objects.

Task Work Order Based Contract, the City of Hialeah, FL. *Design Engineer*. The scope of these projects consists of aiding the City of Hialeah with the design and preparation of documents detailing the full roadway and drainage reconstruction of multiple streets. The projects also include lighting and signing and pavement marking improvements throughout the project limits. The reconstruction of these roads converted the existing flush shoulder condition to a curb and gutter section which required the raising and lowering of the roads to provide an adequate profile for drainage. The projects also added parallel parking where space permitted, and sidewalks and ramps were provided following the latest ADA standards. Throughout this contract Corradino has completed more than 20 projects over 15+ years. Some of the most significant projects are as follows:

- East 7th Avenue from East 5th Street to East 9th Street and East 6th Street, East 6th Place, East 7th Street and East 8th Street from East 6th Avenue to East 8th Avenue
- East 5th Avenue from East 12th Street to East 17th Street, East 13th Street, East 14th Street and East 16th Street from East 4th Avenue to East 6th Avenue

Oceana Bal Harbour Signalization Improvements, Miami-Dade County, FL. *Project Engineer.* Responsible for all required engineering and permitting services with a complete set of construction documents and all required permits required to construct the required signalization modification at the intersection of SR A1A / Collins Avenue and Harbor Way to accommodate the proposed condominium development named the Oceana Bal Harbour. Work included the relocation of the pedestrian signalization from the existing

mast arms to proposed pedestrian signal pedestals located adjacent to the new crosswalk locations; new mast arm and signalization controlled to replace the mast that is in conflict with the proposed north driveway to the property; replacement of all signalization loops that are damaged by any of the roadway construction; Signal Operating Plan modifications as required through Miami-Dade County Public Works and Waste Management Department's Traffic Signals and Signs Division.

East 5th Avenue & East 10th, 12th, 13th, 14th and 16th Streets, Miami-Dade County, FL. *Project Engineer* responsible for the design and preparation of contract documents detailing the full roadway and drainage reconstruction. The newly designed drainage system consists of several self-contained French Drain systems that run the length of each street. This project is located in a densely residential neighborhood with multiple driveway connections per property. The reconstruction of the road converted the existing flush shoulder condition to a curb & gutter section which required the raising and lowering of the road in order to provide an adequate profile for drainage. The typical section conversion, profile modification and parking addition required extensive analysis of the connections to the existing properties at the right-of-way line to ensure positive drainage from the properties as well as driveways, sidewalk connections, etc. The project also included lighting, and signing and pavement marking improvements throughout the project limits.

SR 997/Krome Avenue Interim Resurfacing, FPIDs 434390-1-52-01, 434930-2-52-01, 434930-3-52-01, 434930-4-52-01, 434930-5-52-01 and 434930-6-52-01, Project Length: 1.472, 0.539, 0.563, 0.647, 0.572 and 2.110 miles Respectively, Miami-Dade County, FL. *Project Engineer* responsible for the design and preparation of contract documents detailing the maintenance resurfacing on 6 segments of SR 997/Krome Avenue from SW 297th Street (MP 3.701) to SW 136th Street (MP 13.654). Two of the projects are classified as RRR (434930-2 and 434930-6) and the other four projects are classified as Pavement Only Projects (POP). These projects are being performed in order to maintain and adequate Pavement Condition Survey Rating prior to the widening of the SR 997/Krome Avenue corridor that will take place in FY 2021-2022. *Reference: FDOT D6, Jason Chang, PE, (305) 470-5331*

SR 826/Palmetto Expressway RRR, FPID 432743-1-52-01 - Project Length: 1.343 Miles, Miami-Dade County, FL. *Project Engineer* responsible for the design and preparation of contract documents detailing the RRR of SR 826/Palmetto Expressway from its southern terminus at SR 5/US 1/S. Dixie Highway (MP 0.000) to just north of SR 878/Snapper Creek Expressway (MP 1.343). The project also includes the upgrading of substandard guardrail terminals, replacement of guardrail to bridge railing transitions (Bridge 870129), upgrading of bridge railing with vertical face retrofit (Bridge 870129), replacement of bridge expansion joints and replacement of all pavement markings. *Reference: FDOT D6, Jason Chang, PE, (305) 470-5331*

Florida Department of Transportation, District Six, I-75 Express Lanes from County Line to SR-826, Miami-Dade County, FL. *Project Engineer.* Responsible for the design and plans preparation for design build RFP documents. The scope consisted in the adding two express lanes in the I-75 median with an egress and an ingress access point.

FDOT, D6, Reconstruction Project - I-75 Express Lanes from County Line to SR 826, FPID 432687-1-52-01 – Project Length: 3.07 Miles, Miami-Dade County, FL. *Project Engineer* responsible for the design and plans preparation for design build RFP documents. The scope consisted in the adding two express lanes in the I-75 median with an egress and an ingress access point. *Reference: FDOT D6, Judy Solaun, PE*

Reconstruction of East 7th Avenue from East 5th to East 9th Street, and East 6th Street, East 6th Place, East 7th Street, and East 8th Street from East 6th to East 8th Avenue, Hialeah - Project Length: 1.188 Miles, Miami-Dade County, FL. *Project Engineer* responsible for the overall design and development of the contract plans. The scope consisted of complete reconstruction, including new drainage, signing and pavement markings, and lighting. *Reference: City of Hialeah, Jorge Hernandez, (305) 687-2611, JEHernandez@hialeahfl.gov*

Coral Reef Elementary Safe Routes to School, Palmetto Bay, FL. *Project Roadway Engineer.* Responsible for the design and plans preparation for design build RFP documents. The scope consisted in providing sidewalk, ADA standards, and pavement marking improvements for the pedestrian accessing Coral Reef Elementary School in the Village of Palmetto Bay. The project was part of FDOT local agency programs.

EDUCATION
BS Civil Engineering, 1992, Louisiana Tech University

PROFESSIONAL REGISTRATIONS/QUALIFICATIONS
Professional Engineer:
TN, #103970
AL, #22797
LA, #26788
AR, #9702
MS, #13401
Certified Professional in Erosion and Sediment Control (CPESC)

MEMBERSHIPS/AFFILIATIONS
American Society of Highway Engineers (ASHE)
Intelligent Transportation Society of Tennessee (ITS TN) American

MICHAEL A. BIGGS, PE, CPESC

Transportation Engineer Manager



The Corradino Group, Inc., Brentwood, TN – As a project manager/engineer with over 27 years' experience, Michael's experience has focused on planning, design, construction, and management of transportation projects. Michael has **successfully delivered extremely high profile and fast track projects for TDOT** and other clients**.** His experience as design lead for many years prepares him to easily interpret and prepare contract documents and recognize the big picture issues, requirements, and criteria outlined by client's to successfully deliver complex projects. His proven leadership, extensive engineering experience, and working knowledge of state and federal guidelines, standards, and specifications enhances his ability to provide a quality product.

Certifications/Training: Joel Leisch Freeway and Interchange Planning and Geometric Design; AASHTO Roadside Design Guide**;** TDEC EPSC Levels I & II; PBS&J Project Management Course; Work Zone Traffic Control/ Flagging Certification; TDOT Level 2 CEI Training; CPESC, 10 Hour OSHA Safety Training; Chapter 8 of TDOT Local Government Guidelines.

EXPERIENCE

SR-268 Thompson Lane, Rutherford County, TN. *Project Manager and Project Engineer* for the survey and design for the proposed widening of a 4.5-mile corridor of SR-268 through a dense residential area in Murfreesboro, TN. Managed the survey team utilizing mobile terrestrial laser scanning to capture roadway and adjacent features and fast-track the project survey. Preparation of preliminary and right-of-way plans to **widen the existing 2-lane roadway to a 5-lane urban roadway section with a multi-use path** in lieu of on-street bike lanes to connect local schools and the City's greenway to the nearby neighborhoods. Improvements also consisted of signal modification at various intersections and a new bridge crossing the Stones River. Assisted TDOT with public involvement including project material and fly-thru of design superimposed on survey scan data.

I-840 Interchange at Cherry Lane Extension, City of Murfreesboro, TN. *Project Manager and Project Engineer* for the design of a major arterial roadway (Cherry Lane) including a new interchange at I-840. This project is part of the City's major thoroughfare plan which connects US-41 (Broad Street) to previously designed phases of the corridor at US-231 (Memorial Boulevard). The is phase involves **design of 7,600-ft of 5-lane roadway on new alignment**, as well as a partial-cloverleaf interchange. Funded through TDOT Local Programs, this project also includes preparation of an environmental document, preliminary and ROW/final design of the roadway/interchange and coordination with TDOT to meet Local Programs guidelines, coordination of sub-consultants to perform surveys, traffic design, environmental document, and structural design of bridges crossing the Stones River and I-840. The project typical section was modified to **include a multi-use path** in lieu of on-street bike lanes in anticipation of access to future growth to the City's greenway.

Middle Tennessee Boulevard, City of Murfreesboro, TN. *Project Manager and Design Engineer* for design and CEI services for the reconstruction and **widening of the existing 2-lane roadway to a 4-lane divided median roadway**, from E. Main Street. to Greenland Drive. Improvements include traffic signals and ITS system upgrade, raised irrigated landscaped median with turn lanes, dedicated bicycle lanes, street-lighting, relocation of overhead utilities to underground, and ADA-compliant sidewalks on each side. New traffic signals and pedestrian signals are proposed at six intersections with upgraded stamped asphalt ADA-compliant crosswalks to complement MTSU's architectural scheme.

US-31 Survey & Planning, City of Spring Hill, TN. *Project Manager and Project Engineer* for survey and planning services involving a 500-ft corridor of 2-mile section of US-31 within city limits. Managed survey team using mobile LiDAR technology to scan the corridor for developing a survey for future use by the City. Assisted the City by developing a functional layout of widening US-31 to five lanes to prepare a planning document with cost estimate. Assisted the City with coordination between TDOT and a proposed 5-lane typical section.

YEARS OF EXPERIENCE
22

EDUCATION
BS Civil Engineering, 1996, Auburn University

PROFESSIONAL REGISTRATIONS/QUALIFICATIONS
Professional Engineer:
FL, No. #86930
TN, No. #106514
AL, No. #24234
GA, No. #37695
KY, No. #34511
Professional Traffic Operations Engineer

MEMBERSHIPS/AFFILIATIONS
Institute of Transportation Engineers (ITE)
Intelligent Transportation Society of Tennessee (ITS TN) American

GERALD G. BOLDEN, PE,PTOE

Technology & Transportation



Mr. Bolden has 20+ years of experience in traffic engineering, transportation planning and geometric design. His specific experience includes traffic signal design, operations and timing, Intelligent Transportation System (ITS) planning and design, capacity analysis and modeling utilizing HCS, CorSIM and Synchro, corridor studies, roadway safety audits, interchange studies, traffic impact studies, intersection geometric designs, parking layouts, workzone traffic control plans, and cost estimates.

EXPERIENCE

Fort Lauderdale-Hollywood International Airport (FLL) Crosswalk Signalization, Fort Lauderdale, FL. Mr. Bolden served as *Technical Manage*r for the design of signalized crosswalks at three locations within the FLL internal loop road for arriving flights. The primary goals of the project are to increase pedestrian safety and improve vehicular traffic flow. The scope of the design includes: layout of traffic signal control equipment; traffic signal wiring; pedestrian signalization and push buttons; ADA ramps; design of bulb-out for pedestrian refuge along the terminal side of the crosswalk; development of coordinated signal phasing and timing of the three signalized crosswalks; emergency vehicle preemption; signing; LED lighting; pavement markings and rumble stripes. The development of the design plans and bid package are being completed within a restricted schedule due to contracting requirements for FLL and the need for construction to be completed during off-peak tourist periods.

SR 934/W 21st Street/Hialeah Expressway at West 8th Avenue/NW 62nd Avenue Safety Study, FDOT. Mr. Bolden served as the *Project Engineer* responsible for the overall scope of work for the intersection safety and operational analysis at project intersection. The overall scope of work included intersection inventory; crash analysis; level of service analysis; development of recommendations; calculation of preliminary cost estimates; determination of project benefits and preparation of the final safety and operations report.

TDOT, Continuing Traffic Engineering Services (Statewide). *Client/Project Manager*. Mr. Bolden managed the complete oversight of the continuing services contract with TDOT. The project scopes include traffic signal warrant analysis, traffic signal design, traffic signal phasing and timing, roadway safety analysis, operational analysis, fiber-optic communications design, intersection geometric design, and roadway lighting. While with a previous employer, Mr. Bolden served in the same role from 2007-2012.

On-Call Traffic Engineering, City of Franklin, TN. *Project Manager/Engineer-of-Record* for three-year on-call traffic engineering contract. Tasks include completion and review of traffic impact studies; traffic signal design, timing, operations and analyses; intelligent transportation systems design; transportation planning; safety studies and design; and construction engineering and inspection.

City of Franklin ITS Extension, Franklin, TN. As a subconsultant, Mr. Bolden is serving as *Design Lead and Engineer-of-Record* for design of the City of Franklin ITS extension project. The scope includes completion of Systems Engineering Analysis (SEA), coordination with TDOT Local Programs Development Office (LPDO), layout of fiber optic communications along Cool Springs Boulevard, layout of traffic signal interconnection throughout the City, design and installation of 6 CCTV cameras and coordination with the City Information Technology group on the fiber optic communications upgrade throughout downtown Franklin. Reference: City of Franklin, TN, Jonathan Marston, PE, 615.791.3218

SR 50 from SR 106 to SR 11 (US 31A), Marshall County, TN. Mr. Bolden served as *Project Manager and Engineer-of-Record* for five traffic signals located at various intersections on a 2.2-mile section of SR 50 (US 431) in Marshall County, Tennessee. This is a roadway widening project that includes traffic signal modifications at five intersections which include pedestrian signals, pushbuttons, and

crosswalks. Tasks for this project include: design of the traffic signal equipment; traffic signal wiring diagram; phasing and timing of each traffic signal; and pedestrian facility integration as part of the signal design.

McEwen Drive and I-65, City of Franklin, TN. *Engineer-of-Record* responsible for the signal modification design of the interstate off-ramp right turn lane with a Flashing Yellow Arrow layout, dual left turn lanes onto the interstate on-ramp and dual right turn lanes onto the interstate on-ramp. Tasks included field review of the existing signal and ITS components; preparation of signal modification plans including mast arm poles, radar detection, and new conduit layouts where needed; traffic signal timings; signing and pavement markings. The project was developed to address congestion and safety issues with the current intersection and traffic signal operations.

Chattanooga Regional ITS System Phase I CEI, Chattanooga, TN. Mr. Bolden served as *Project Manager and Resident Engineer* for coordination, administration and oversight of the CEI activities. This project included an extension of wireless mesh communications to include an additional 115 signalized intersections in the central traffic signal control system, implementation of Wavetronix and Sensys Network detection devices throughout the system, and implementation of Insync adaptive traffic signal control along the Highway 153 corridor.

S. Carothers Road Operational Analysis, Franklin, TN. *Project Manager/Lead Engineer* for the operational analysis and recommendations for improvements to the S. Carothers Road corridor resulting from extensive residential development within the corridor. The scope included estimation of trip generation from newly approved, yet unbuilt developments, trip distribution, operational analysis utilizing Synchro and HCS, traffic signal warrant evaluation, evaluation of roadway geometrics and analysis of turn lane warrants.

Shelby County Traffic Signal Inventory and Safety Analysis, Alabama Department of Transportation (ALDOT), Shelby County, AL. *Project Engineer*. Responsible for the full inventory of 167 traffic signals in 8th Division and Shelby County. The inventory included collecting intersection data such as overall geometry, signing and striping, signal operations, equipment information and overall conditions/ratings of each location. All data was compiled into a final report deliverable and presented to ALDOT for further analysis of each location for potential improvements.

Metro Top Intersections, Nashville and Davidson County, TN. Mr. Bolden was responsible for leading the evaluation and design for 34 intersections identified as high-crash locations. This project included updating crash data, calculating crash rates, evaluating each intersection for operation and safety issues based on the Highway Safety Manual (HSM), proposing safety mitigation strategies and operational modifications, and designing the recommended improvements for each intersection. Recommended improvements varied from adding signage or modifying signal phasing to constructing additional lanes or widening the roadway.

Concord Road CCTV and Signal Interconnect, Brentwood, TN. Mr. Bolden served as *Project Manager and Lead Engineer* for the Systems Engineering Analysis, design of three CCTV locations, traffic signal interconnections and utility make-ready, along the heavily traveled commuter corridor. The interconnection was accomplished with both aerial and underground fiber optic cable for communications to the City's TOC.

Cool Springs Area ITS Expansion Project, Franklin, TN. Mr. Bolden served as *Project Manager and Engineer of Record* for the design of the City of Franklin ITS expansion project in the Cool Springs area. The scope included layout of more than 9.5 miles of new fiber optic conduit, interconnection of 32 signalized intersections, and 12 CCTV cameras within a compressed schedule due to ARRA funding requirements.

Metro Public Works Signal Timing Continuing Services, Nashville and Davidson County, TN. Mr. Bolden served as *Technical Manager* for signal timing plan development for the high-profile countywide signal timing services contract. Under this contract, Mr. Bolden provided coordination directly with the MPW Project Manager and oversaw the development, implementation and fine-tuning of traffic signal timing plans for over 550 signalized intersections.

YEARS OF EXPERIENCE
10

EDUCATION
BS (Civil Engineering), University of Florida, 2009

REGISTRATION
Professional Engineer:
Florida, No. 77741, 2014

VANESSA SPATAFORA, PE

Traffic Engineer



Mrs. Spatafora has 10 years of engineering experience. She has performed all facets of roadway design and has extensive experience with Florida Department of Transportation (FDOT) procedures, including plans production, preparation of specifications, maintenance of traffic, and cost estimates. In addition, Mrs. Spatafora has considerable highway, intelligent transportation system, crash data analysis and safety evaluation experience.

EXPERIENCE

- Perform Project Development and Environment Studies (PD&E)
- Analyze and develop alignment alternatives for complex highway improvements projects including typical sections, conceptual plan layouts, maps, drawings, right of way maps and other graphical material.
- Analyze various typical section alternates for proposed facilities.
- Generate project cost estimates including engineering cost, construction cost, right of way cost and maintenance cost.
- Make field inspection trips to collect and accumulate information and/or assist in field studies necessary for the preparation of project development studies, preliminary design, cost estimating and other efforts.
- Assist with the preparation of material to be incorporated in project development reports, traffic analysis reports, justification reports, special reports and handout materials. Duties also include assisting in the assemblage of reports, documents and other materials.
- Assist with the development of design presentations for public meetings, elected officials and citizens providing the necessary information to assure the public is sufficiently informed on the proposed projects and improvements.
- Assist with the preparation of material to be submitted to area planning boards, cities, counties, governmental or other agencies for comments and approval.
- Attend and assist with the preparation of public workshops, meetings and hearings.

Biscayne Everglades Greenway Traffic Study, City of Homestead, FL. *Project Engineer*. Corradino conducted a Traffic and pedestrian Study for the Homestead Biscayne Everglades Greenway. The study focus was on the three proposed pedestrian crossings just to the south of Canal C-103 bridges/structures located at SW 162nd Avenue, SW 152nd Avenue and SW 147th Avenue. The three pedestrian crossings were analyzed for speed data, projected vehicle, pedestrian and bicycle volumes, operational analysis of roadway segments, sight distance and crash data.

FDOT D6, SR 847/NW 47th Avenue PD&E Study, Miami-Dade County, FL. *Project Development Engineer* responsible for the Sociocultural Effects Evaluation Report, crash data analysis and safety analysis. Arterial Widening (from two-lane to four-lane) and intersection/safety improvements; 2.4 Miles in Miami-Dade County. [Subconsultant.]

FDOT D4, I-95 PD&E Study, Add Express Lanes, Broward County, FL. *Project Development Engineer*. 13.5 Miles in Broward County (underway). Assisted with the preparation of material to be incorporated in project development reports, traffic analysis reports, justification reports, special reports and handout materials. The project included the addition of express lanes to the I-95 corridor from north of Oakland Park Boulevard to south of Glades Road to provide continuity with the proposed and existing express lanes systems to the South of this project. The corridor improvements consisted of two tolled express lanes in each direction within the study limits. These improvements address future vehicular growth projected in the area, improve highway safety, enhance hurricane and other emergency evacuations and improve system connectivity with major arterials along the corridor. Assisted with travel demand forecasting, concept development and report development, crash data analysis and safety analysis.

FDOT D2, I-10/US 301 Interchange PD&E/IMR Study, Duval County, FL. *Project Development Engineer.* Responsible for report development, crash data analysis and safety analysis. Interchange improvements; 3 Miles in Duval County, responsible for report development, crash data analysis and safety analysis. Interchange improvements included the construction of a new US 201 northbound to I-10 eastbound on-ramp in the southwest quadrant of the interchange, the reconstruction of the loop ramp in the southwest quadrant of the interchange and the construction of a new two-lane I-10 westbound to US 301 off-ramp in the northeast quadrant of the interchange.

FDOT D6, I-75 PD&E/SIMR Study, Miami-Dade County, FL. *Project Development Engineer.* Responsible for report development, crash data analysis and safety analysis. Add express lanes; 8.6 miles in Miami-Dade County; responsible for report development, crash data analysis and safety analysis. This project was located in northwestern Miami-Dade County and was approximately 8.6 miles in length, from SR 826 to just north of the Miami-Dade/Broward County Line. The project consisted of the potential addition of reversible/special use lanes, auxiliary lanes, interchange improvements and other transportation enhancements.

FDOT D4, I-95 Corridor Express Lanes Feasibility Study, Broward and Palm Beach Counties, FL. *Project Development Engineer.* Responsible for report development, crash data analysis and safety analysis. 65 Miles in Broward and Palm Beach Counties; a planning study for the development of managed lanes, ramp improvements, interchange modifications, evaluation of ITS technologies, and other types of transportation improvements covering the I-95 corridor throughout Broward and Palm Beach Counties, Florida.

2009-2011: PBS&J, Orlando, FL - Engineer I, Transportation Graduate Program.

- Trained in the areas of ITS, Tolls, and Roadway Design. Major emphasis of training was in ITS and Roadway Design.
- Assisted in the preparation of roadway plans for US 27 from North of Lake Road to North of Cluster Oak Drive design/build proposal.
- Assisted the Project Manager in coordinating stakeholder workshops. Attended workshops and prepared minutes and action items.

Prepared 30/60/90 plans for all phases of the Sarasota ATMS project. Developed quantity and pay items list during different stages of this design. Assisted in field reviews held to obtain information necessary to develop the ATMS design.

YEARS OF EXPERIENCE
28

EDUCATION
BS (Mechanical Engineering), University of Alabama-Huntsville, 1990

PROFESSIONAL CERTIFICATIONS
American Institute of Certified Planners

TERESA NEAL, AICP
Traffic Engineer



Ms. Neal have 28 years of experience and has worked in the traffic engineering and transportation planning industry for 18 years. Her project experience has varied from local, regional and state planning reports to corridor plans for vehicles, freight, pedestrians, and bicyclists. She has led the preparation and development of numerous transportation plans, traffic impact and signal warrant studies, and other transportation related documents. She has assisted in the development and/or analysis of numerous transportation models for studies throughout Tennessee including the City of Franklin Travel Demand Model and the Memphis Bicycle Conditions Index (BCI) model, as well as Synchro models in Kentucky and Tennessee. She has also assisted in the preparation of several state, regional, and local bicycle and pedestrian plans where my responsibilities have ranged from the initial stages of managing inventory, to conducting GIS analysis of existing conditions, and ultimately creating recommendations.

Ms. Neal has prepared numerous Traffic Impact Assessments/Studies; conducted intersection and corridor analysis using HCS, Synchro, and CorSim; developed traffic signal timing plans for isolated intersections and major corridors; analyzed intersection operational and geometric needs; completed traffic signal and geometric design plans; conducted shared parking analysis using ULI Industry Standards and local Zoning Ordinance requirements; and conducted Signal Warrant analysis for intersections based on MUTCD signal warrants.

EXPERIENCE

Metro Public Works Signal Timing Services: Ms. Neal served as *Field Engineer* for the traffic signal timing plan development for this high-profile countywide signal timing services contract. She worked as part of the team that prepared and implemented new signal timings for over 200 signals in Metro Nashville. As part of this project she was responsible for collecting field data for each intersection; developing a Synchro model for each corridor; evaluating the existing operations of each intersection and corridor; determining clearance times for yellow and all red, evaluating new cycle lengths for each corridor, preparing new signal timing sheets for each intersection, field implementing, fine tuning and conducting field evaluations of each corridor.

Intersection Improvements – SR 96 and Westhaven Boulevard, City of Franklin, TN. *Project Designer* for preparation of the signal design, pavement marking and signing layout utilizing MicroStation. Design included placement of signal mast arm poles, cabinet and controller, conduit, wiring, power service connection, ITS connection, signing, and pavement markings. Tennessee Department of Transportation (TDOT) and MUTCD standards were incorporated in the design.

On-Call Traffic Engineering, TDOT. *Project Designer* for various intersection improvements throughout the state of Tennessee. Designs typically include signals and other intersection improvements such as turn lanes. Responsible for creating designs that meet most current TDOT standards and industry standards. Prepare ROW plans, utility plans, and construction design plans. Responsible for incorporating all TDOT and local authority comments into final submittal.

Signal Modification – McEwen Drive and I-65, City of Franklin, TN. *Project Designer* for the signal modification of the interstate ramp right turn lanes and an additional left turn lane onto an interstate ramp. Conducted field review of the existing signal and ITS and prepared signal modification plans including mast arm pole placement, radar placement, and new conduit layouts where needed. Provided initial signal timing plan for ramp interchange.

SR 50, from SR 106 to SR 11 (US 31A), Marshall County, TN. *Project Designer* (at previous firm) for five traffic signals located at intersections on a 2.2-mile section of SR 50 (US 431) in Marshall County, Tennessee. This was a roadway widening project that includes traffic signal modifications including pedestrian signals, pushbuttons, and crosswalks. Tasks included: design of the traffic signal equipment; traffic signal wiring diagram; phasing and initial timing of each traffic signal; and pedestrian facility integration.

On-Call Traffic Engineering, City of Franklin, TN. *Project Designer/Planner* for three-year on-call traffic engineering contract. Tasks include completion and review of traffic impact studies in close coordination with the city; preparing traffic signal design plans, conducting timing and operations analyses using Synchro; preparing transportation planning reports for corridors and subareas; conduct safety studies; and prepare parking analysis and studies.

City of Columbia On-Call Traffic: Ms. Neal served as *Project Engineer* for the three-year on-call traffic engineering contract. Tasks include completion and review of traffic impact studies; traffic signal design, timing, operations and analyses; intelligent transportation systems design; transportation planning; safety studies and design; and construction engineering and inspection.

Cool Springs Area ITS Expansion Project, City of Franklin, TN. *Project Designer* (at previous firm) for the design of the City of Franklin ITS expansion project in the Cool Springs area. The scope included layout of more than 9.5 miles of new fiber optic conduit, interconnection of 32 signalized intersections, and 12 CCTV cameras within a compressed schedule due to ARRA funding requirements.

Ovation Development Off-Site Roadway and Signal Designs, City of Franklin, TN. *Project Designer* (at a previous firm) for three signals and turn lanes for a new 147-acre mixed-use development. Responsibilities included design of right turn lanes into the development and signal designs for three intersections. Signal Designs included layout of all new signal equipment using radar detection, ITS equipment, and review of bid packet and equipment specifications.

US-31 Pedestrian Improvements, **City of Spring Hill, TN**. Ms. Neal served as *Project Designer* for the development of ADA improvements and traffic signal modification plans are three heavily congested intersections along the northern segment of the US-31 corridor in Spring Hill. The improvements included ADA curb ramps, pedestal poles for push buttons, pedestrian signal displays, traffic signal heads, and traffic signal timing plans to accommodate the pedestrian crossings.

Metro Nashville Top Intersections, Nashville and Davidson County, TN: Ms. Neal was responsible for leading the evaluation and design for 34 intersections identified as high-crash locations. This project included updating crash data, calculating crash rates, evaluating each intersection for operation and safety issues based on the Highway Safety Manual (HSM), proposing safety mitigation strategies and operational modifications, and designing the recommended improvements for each intersection. Recommended improvements varied from adding signage or modifying signal phasing to constructing additional lanes or widening the roadway.

TDOT Safety Projects*:* Ms. Neal has worked on several corridor safety projects (Road Safety Audit Reports), Intersections Action Plan (IAP) reports, and High Friction Surface (HSR) Reports. As part of these projects, she worked with a team to conduct field inventories of the roadway characteristics, using MicroStation prepared Construction Plans for recommended improvements and coordinated with TDOT and local staff to ensure recommendations met local safety and operational needs and objectives.

Various Signal Designs*:* Ms. Neal prepared signal design plans for TDOT, ALDOT, NCDOT, Metro Nashville and numerous municipalities, while working closely with the Engineer of Record. Tasks included conducting site visits, traffic signal layouts, development of traffic signal timing plans, design of ADA compliant facilities, and calculation of quantities. Also, many of these designs required integration of ITS components including fiber optic communications; network switches; and closed-circuit television (CCTV) cameras.

YEARS OF EXPERIENCE
34

EDUCATION
BS (Civil Engineering), University of Florida, Gainesville, FL, 1980

TIN ID NO.

REGISTRATIONS
Professional Engineer: Florida, No. 36146, 1985

CTQP QUALIFICATIONS
QC MANAGER (COURSE/EXAM)

OTHER CERTIFICATONS
MOT Advanced
DCE Critical Structures
Construction Academy

AWARDS
FDOT Superior Achievement Award–1999-For assisting FDOT in attaining its goal and fulfilling mission to State

FDOT Ben G. Watts Award–1998-For ethical leadership, integrity and pride while attaining goals and objectives

EDUARDO "ED" PEREZ DE MORALES, PE

Senior Vice President, CEI Division



Mr. Perez is a Senior Vice President and head of The Corradino Group, Inc.'s Construction Engineering and Inspection Division. Mr. Perez's experience includes serving as the Resident Engineer for the I-95 Mobility 2000 project in Palm Beach County. Most recently, Ed Perez and The Corradino team performed as the Oversight CEI for the Florida Department of Transportation (FDOT) on the first ever Public Private Partnership Project in the state of Florida, the I-595 Express. Currently, he and his team serve as Oversight CEI on the FDOT I-75 Express Lanes Project for Segments A & B in Miami-Dade and Broward. Prior to joining Corradino in 1999, Mr. Perez was the head of construction engineering for FDOT District 6, where he received special recognition in a districtwide strategic planning program for in significant reduction in time and cost overruns and the reorganization of the construction management program to promote efficiency and quality.

EXPERIENCE

FDOT District 4 & 6, I-75 Express Lanes Segments A&B, 421707-2- 52-01, 421707-3-52-01 & 421707-8-52-01, Senior Project Engineer. Project consists of the I-75 Express Lanes Project, which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 (Section 87075) to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080 (Section 86075), for a total distance of approximately 3.1 miles. The Project also includes reconstruction, widening, and milling and resurfacing of the Homestead Extension of Florida's Turnpike (HEFT) mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramps and multiple bridges. The project involves the construction of 14 bridges which involved widening, deck replacement and new construction. The new construction bridges consist of several flyovers for which the superstructure is composed of structural steel girder boxes and steel boxes (straddle bent cap) with a maximum length of 99 ft. All other new bridges consisted of concrete beams and steel I-beams. Responsible for coordinating with the senior inspector, and the team of inspectors, all the activities related to pile driving operations, steel rebar inspections, concrete operations for columns, caps, bridge decks, and concrete beams erection. Reviews the Contractor's Mass Concrete Temperature Control Plan and the collection and review of the temperature data for the foundations. Coordinates with the Contractor on the MOT plans and shop drawing for girders erections and review on all the data related to bolting operations. Also responsible for supervising the documentation of the contractor's daily activities onsite, materials sampling and testing, laboratory test results, pay item quantities, work orders and change orders, material certifications, final as-built plans and all documentation necessary for the submittal of the final estimate and the final acceptance of the project. Review all schedule update submittals and monitored the progress of the project. schedule pre-construction conferences and progress meetings.

Oversight CEI, (P3) I-595 from I-75 to I-95 (Reversible Express Lanes), Broward County, FL — Corradino served as the FDOT's Oversight Construction, Engineering and Inspection (CEI) firm on the I-595 Express Corridor Improvements Project, FDOT's first concession Public-Private Partnership (P3) contract. The design and construction cost of the project is approximately $1.2 billion. The project consisted of the reconstruction of the I-595 mainline and all associated improvements to frontage roads and ramps from the I-75/Sawgrass Expressway interchange to the I-595/I-95 interchange on I-595 for 10.5 miles and from Griffin Rd to Peters Rd on Florida's Turnpike for 2.5 miles (a total project length of 13 miles). This project was completed within

five self-contained work zones to minimize the impact of construction on the public, improve traffic management, and provide efficient emergency access. As the Oversight CEI, Corradino is monitoring the P3 Concessionaire's material management and inspection management, as well as the progress and quality of work. This includes analyzing and minimizing the risk to FDOT, and the financial investment of all parties, by using custom audit checklists.

Resident Engineer, I-95 Mobility 2000 CEI Services, I-95 From Gateway Boulevard to 6th Avenue South; Palm Beach County for FDOT District 4. Project consisted of nine (9) construction projects with construction cost in excess of $ 390M dollar. Work included bridge replacement, ramp reconstruction and modifications, drainage improvements, retaining walls, signing and pavement markings, lighting, irrigations and sound wall. Developed processes to minimize time and cost overruns, obtain a quality product and ensure all contract administration is performed according to the guidelines established by the Department. Performed Pre–Engineering Services for the I–95 HOV (Express Lanes). Oversaw pre–construction activities on several I–95 HOV projects and developed special provisions for all the projects, including: I–95 Regional DRBs, no–excuse bonus, limitation of operations, and others. Recommended and implemented project limits changes to ensure proper transition between projects. Coordinated all constructabilities and biddability reviews performed. Construction Engineering and Inspection services for the widening and reconstruction of approximately 21 miles of I-95 in Palm Beach County.

Senior Vice President/The Corradino Group, Inc., in charge of budgeting, scheduling, manpower assignment, marketing and quality control for Corradino's Florida divisions — Corradino is a multidiscipline firm in Transportation Design, Planning, Traffic Engineering, Water/Wastewater Design, Construction Administration, and Architecture. The Engineering Division is in charge of the design of roadway and transportation projects, water/sewer infrastructure and site/civil design jobs. The Construction Division performs project management duties, construction inspection, and performs constructability and biddability reviews. Mr. Perez de Morales has stressed and modified the quality control process for Corradino and is working to establish processes and procedures for improving management strategies on all Corradino's projects.

Construction Engineer FDOT District 6 — Responsible for the management of the construction work program for the District. The District Construction Department consisted of approximately 100 employees with a salary allocation in excess of $5 million and an operating budget of $250 thousand per year. The construction contracts averaged $200–$250 million per year.

Mr. Perez de Morales's duties and responsibilities included overall contract administration on the District work program, including progress and final payment to consultant and contractors; review, negotiation and approval of requests for change orders; and claim analysis on settlement of disputed issues. Also monitored cost and time on all contracts to ensure that cost/time overruns remained within state target.

Making recommendations to the District Director of Production on the most effective method of contracting (i.e. Cost and Time, Lane Rental, Incentive/Dis–Incentive). Recommendations were based on project location and type of contract. (i.e. Reconstruction, milling and resurfacing). Providing liaison with other governmental agencies and local municipalities in the coordination of joint project agreements. Coordinating interdistrict activities with all operations (Traffic Operations, Maintenance) and production (Design, Right–of–Way, Utilities) functions through the applicable Department heads.

YEARS OF EXPERIENCE
19

EDUCATION
BS (Civil Engineering), Santa Maria University – Venezuela

Master of Business Administration (MBA), Nova Southeastern University – Davie, FL

REGISTRATIONS
Professional Engineer:
Florida, No. 69971

TIN No. O63287678

QUALIFICATIONS
QC Manager

OTHER CERTIFICATIONS
MOT Advanced
Critical Structures
FEMA ICS 100
Project Engineer Academy FDOT
FDOT Engineer Technician Academy
Construction Quality Control Management, U.S. Army Corp of Engineers

AWARDS
2008 FTBA "Roads and Streets" Award - Project Engineer

2007 FDOT "Team Achievement Award" - Project Engineer (Lejeune Rd Project)

2006 FDOT "Team Achievement Award" - 2005 Hurricane Response Team)

VICTOR R. ORTIZ, PE, MBA

Senior Project Engineer

Mr. Ortiz has over 19 years of experience in Construction and Project Management, with extensive background in Construction Engineering Inspection, Construction Administration, Operations, Maintenance and Estimating of Roadway/Major Infrastructure projects. Mr. Ortiz's well rounded background includes previous experience managing signature projects as Project Administrator, Sr. Project Engineer and Project Manager. Moreover, his diverse knowledge gained as CEI for roadway, bridges and buildings makes him the ideal candidate to effectively lead the team of engineering professionals and deliver customer satisfaction.

EXPERIENCE

Florida Department of Transportation (FDOT) D6 – Krome Avenue Project. Reconstruction from SW 136th Street to Kendall Drive. FIN 249614-7-52-01, Miami, FL. *CEI Senior Project Engineer.* $33.6 M full reconstruction of Krome Ave from two lanes to four lanes. The new 3.5-mile roadway will be four lanes divided with paved shoulders on both sides and will be constructed using concrete pavement. Includes two new bridges (one for northbound and one for southbound traffic) across the Black Creek Canal. Adding a shared-use path on the east side of the roadway for bicyclists and pedestrians, installing guardrail within the median, new drainage structures (French drains and concrete slotted pipes), new traffic lighting, signage and installing traffic signals at the intersections of SR 94/Krome Avenue and SW 136 Street. Duties: Overall management of the CEI staff as well as oversight of the inspection program. Provides the Department with constructability and claims reviews, management of the construction contract, feedback on RFIs and recommendations regarding complex technical issues.

FDOT D6, Miami, FL. *General Construction Consultant Contract Project Manager.* Provided direct oversight and was responsible for the implementation of the quality assurance program on the inspection staff assigned to multiple projects under the FDOT In-House construction management team.

FDOT D6, CSA Port of Miami Tunnel FM No. 251156-5-72-01, Miami, FL. *Operations & Maintenance Performance Monitoring Consultant Project Manager.* Responsible for the oversight and monitoring of the Concessionaire's performance during the operation and maintenance phase of the project. Duties: Reviews of the Concessionaire's monthly invoices and performance-based quarterly settlements. Lead the team of professionals tasked with the review of capital improvement plan updates, monthly Operation and Maintenance Reports, CMMS reports along with SCADA system events.

CSA Port of Miami Tunnel FM No. 251156-3-62-01, Miami, FL. *Oversight Design & Construction Project Manager***.** Responsible for the oversight of the construction and design of the twin underwater 43' diameter tunnels connecting the Port of Miami (Dodge Island) to Watson Island as well as connections to the Port of Miami roadway system and widening of McArthur Causeway Bridge. The services provided also included construction engineering management and inspection as well as materials sampling and testing services. The main features of the tunnels included two traffic lanes, curbs, walkways, ventilation fans, flood gates, ITS, pump stations as well as additional safety features beneath Government Cut. The tunnel is approximately 4,200 ft. in length.

YEARS OF EXPERIENCE

Tin No.

Nuclear Gauge Safety Certification

EDGAR CARRENO

Senior Inspector

EXPERIENCE

Mr. Carreno has over 16 years of experience in the construction industry and has participated as an inspector on the following projects: Design-Build to Replace the Five bridges of the Isles (Four over Las Olas Canal and One over Karen Canal) in Broward County; and the Design-Build Contract consisting of the addition of special Express Lanes on I-75, which extend from just north of NW 170th Street in Miami-Dade County to South of Miramar Parkway in Broward County. Additionally, he has had experience in Project Management as well as Contract Project Management (CPM) Scheduling, Business Development, and General Contracting.

The Corradino Group, Inc. Miami, FL CEI Senior Inspector: FDOT PUSH BUTTON CONTRACT NO. C9H46 FIN 431433-6-52-01. Mr. Carreno is currently serving as the Inspector on multiple push button work orders. His responsibilities include inspection and oversite of contractor operations including shoulder widening, guardrail installation including attachments to existing structures, earthwork, landscaping, french drain and drainage structures, asphalt milling & resurfacing.

The Corradino Group, Inc. Miami, FL CEI Senior Inspector: SR 976/BIRD RD from SW 57 Avenue to ALHAMBRA CIRCLE – INTERSECTION IMPROVEMENTS. Mr. Carreno served as the Inspector. His responsibilities included inspection and oversight of contractor operations including inlets, French drains, and drainage structures, ADA compliance concrete sidewalk adjustments, signalization, traffic monitoring site installations, landscaping, existing utility adjustments, asphalt milling & resurfacing, striping, pavement markings, and signage. T6426 FIN 434771-1-52-01

The Corradino Group, Inc. Miami, FL CEI Senior Inspector: FDOT District VI Hybrid CEI Support Contract. Mr. Carreno served as the Inspector for several in-house projects. As an inspector, Edgar's responsibilities included inspection and oversight of contractor operations including inlets and drainage structures, ADA compliance concrete sidewalk adjustments, signalization, traffic monitoring site, landscaping, lighting, bridge deck expansion joints, manhole, valve and fire hydrant adjustments or relocations, milling & resurfacing, striping, pavement markings, and signage. The final assignment was for the Urban SR 968 W Flagler Street project from 69th Avenue to 27th Avenue. (Approx. 5 miles) E6K55 FIN 425271-2-52-01

The Corradino Group, Inc. Miami, FL., CEI Bridge Inspector. Project: State of FDOT. Financial Project ID No.(s) 230717-2-52-01, 230718-2-52-01, 230719-2-52-01, 230720-2-52-01, and 423469-1-52-01. Letting Date Feb. 6, 2013. Award amount $7,998,765. Contract: E4N30. Prime Contractor: Munilla Construction Management, LLC d/b/a MCM, LLC. Description: Design-Build to replace the five bridges of the Isles in Broward County.

The Corradino Group, Inc. Miami, FL., Inspector. Project: State of Florida Department of Transportation. Financial Project ID 421707-2-52-01, 42707-3-52-01, 42707-8-52-01. (Federal Funds 0754-178-I, 0754-179-I, 0754-180-I), Miami-Dade County (87075) & Broward County (86075) State Road No. 93 (I-75). I-75 Express Lanes – Segment A & B. Contract: E4N84. Prime Contractor: community Asphalt, Corp. Description: A Design-Build Contract consisting of the addition of special Express Lanes on I-75, which

extend from just north of NW 170th Street in Miami-Dade County to South of Miramar Parkway in Broward County. Letting Date: June 30, 2014. Notice to Proceed Letter: October 14th, 2014.

Alen Construction Group, Inc., Broward, FL, – Sales Engineer/Project Engineer. Project Management: Communication with clients, subcontractors, and suppliers; estimated scope of work per project, attended site inspections, material & equipment procurement, RFI's, Submittals, Invoice processing, local permitting filings, weekly meetings with owner reps; CPM Scheduling: Developed Contract Project Management logic generated Schedules for projects, and prepared monthly updates using ORACLE PRIMAVERA P6 Scheduling software.

Matoca Constructions, Carabobo, Venezuela, Project Manager. Business Development. Planned, supervised all development projects. Mainly vertical construction, for private and public clients. Prepared and analyzed monthly budget deviations for project final records. Prepared critical path analysis and forecasting. Identified deviations from the baseline schedule and implemented corrective actions. Organized regular meetings with subcontractors and reviewed weekly progress

INAVI, Venezuela, Project Control Engineer. Supervised a staff of 12 including engineers, architects, surveyors, and contracted inspectors. Processed, and updated the proper file on the required contract documentation of over 10,000 housing units under construction in the state of Miranda, Venezuela by multiple private contractors. Processed invoices, approved inspectors, planned and scheduled activities, reported weekly on the sum of all projects status, conducted the team on regular site inspections, and reported accordingly. INAVI stands for 'Instituto Nacional de la Vivienda', a state agency for public housing construction. Reference: Ministerio de Ecosocialismo, Habitat y Vivienda, 58-212-266.8625. After 86 years of existence, INAVI has been liquidated by presidential decree published in the Oficial Gazzette No. 40.491, its functions have been absorbed by the Ministerio de Ecosocialismo, Habitat y Vivienda.

YEARS OF EXPERIENCE
2.5

EDUCATION
AA (Business Administration), Cerritos College, Norwalk, California, 2017
BS ((Industrial Engineering), National University of Engineering, Nicaragua, (UNI), 2009.
Engineer Intern

TIN ID / CTQP No.:

CTQP QUALIFICATIONS
Asphalt Paving Technician 1 & 2
Concrete Field Technician 1 & 2
Earthwork Construction Inspection 1 & 2
Drilled Shaft Inspection
Pile Driving Inspection

CERTIFICATIONS
IMSA Traffic Signal Inspector 1
MOT Intermediate
Nuclear Radiation Safety

JUAN ROMERO
Senior Inspector

EXPERIENCE

Mr. Romero has 3 years of experience working as a field engineer in FDOT projects and as an inspector in District 4, 6 and Turnpike. Knowledge on building and construction of materials, methods, processes and the tools involved in the construction of roads. Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.

CEI Inspector, CEI Services for I-75/TPK, Project consists of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 (Section 87075) to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080 (Section 86075), for a total distance of approximately 3.1 miles. The Project also includes reconstruction, widening, and milling and resurfacing of the Homestead Extension of Florida's Turnpike (HEFT) mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramps and multiple bridges. The project involves the construction of 15 bridges which involved widening, deck replacement and new construction. The new construction bridges consist of several flyovers for which the superstructure is composed of structural steel girder boxes and steel boxes (straddle bent cap) with a maximum length of 99 ft. All other new bridges consisted of concrete beams and steel I-beams. Part of the project execution new signage, signals, lighting and landscaping will be improved. *Responsibility:* Roadway: Verify adequate embankment and drainage backfill operations, Verify and sample concrete, drainage backfill, roadway embankment, and selected fill as well as keeping effectively pipe and embankment Density Records up to date. In addition, inspecting milling asphalt operations. Structures: Perform bolt testing, dry run along and depth checks on bridge deck pours. Also, verify and assure quality pile driving operations, inspect quality and integrity of rebar and installation on major and minor structures. Likewise, inspect concrete structures integrity and appearance including performing map cracking. In addition, oversee and make sure contractor complies to plans, special provisions and FDOT specifications, indexes and manuals. And finally, complete takeoff of various pay items, quantify and track drainage installation in a monthly basis, and review MOT reports submitted by contractor.

Assistant of Constructor inspector, Bricenos & associates. Ontario, California, Reviewed and interpreted blueprints, specifications, to ensure compliance to legal requirements and safety regulations. Monitored installation of plumbing, wiring, equipment, or appliances to ensure that installation is performed properly and follows applicable regulations.

Technician, Emercon Construction, Anaheim, California, Achieved 0% on accident and customer complaints in 10 months performing logistic transportation of customer's valuable. Interior housing remodel. Installed and repaired different interior structures.

University Professor, National Autonomous University of Nicaragua (UNAN) Professor of Statistical Quality Control, Total Quality Management and Introduction to Project Management. Assisted students in elaboration of thesis in quality related topics.

Construction Inspector, Nicaraguan Construction Company, Nicaragua (Empresa Nicaragüense de la Construcción. ENIC), Inspected roadway construction for new roads and maintenance. Reviewed and interpreted plans, site layouts, specifications and construction methods to ensure compliance to legal requirements and safety regulations. Conducted inspections, using survey instruments, metering devices and tape measures.

YEARS OF EXPERIENCE
3

EDUCATION
BS (Mechanical Engineering),
University of Miami, FL, 2013

TIN ID/ CTQP No.:

CTQP QUALIFICATIONS
Asphalt Paving Technician 1 & 2
Earthwork Construction Inspection 1
Drilled Shaft Inspection
Final Estimates I

OTHER CERTIFICATIONS
ACI Concrete Field Technician 1

COURSEWORK
Mechanical Behavior of Materials,
Materials Science
Heat Transfer, Thermodynamics
Fluid Mechanics, Aerodynamics

DAVID VALLADARES
Senior Inspector

EXPERIENCE

Inspector, The Corradino Group, Inc. – Miami, FL. Inspection of roadway & bridge construction on I-75 Segment A/B & HEFT to applicable FDOT Standards & Specifications, including installation and testing of ITS fiber backbone & devices such as validation CCTVs, MVDSs, Front Access DMSs, and Service Points for Districts 4 & 6. Overseen construction of miscellaneous drilled shafts for highway signing and lighting, pile driving, bridge substructure & superstructure, drainage, highway ramps and MSE Walls. Sampling and testing for earthwork and concrete, reviewing of environmental protection within project. Experienced in reading and maintaining plan sheets, providing quantities for monthly estimates, and creating cost estimates.

Assistant Web Manager, University of Miami, Newman Alumni Center, FL. Maintaining, updating, and processing web data for the university's alumni network. Improving functionality for interface of official university mobile application.

Work Study, University of Miami, College of Engineering – Miami, FL. Managed front desk area for the Office of the Dean, directed calls, and assisted in organization of various events being coordinated around the college of engineering.

I-95 Assistant Case Manager, Agape Coordinating & Consulting Inc.– Miami, FL. Coordinated medical services and provisions for clients with special needs. Collaborated alongside clients' trust funds to ensure quality of life for families tending to the care and wellbeing of clients with disabilities.

YEARS OF EXPERIENCE
18

EDUCATION
Associate of Specialized Technology Degree (Electronic Engineering Technology), National Education Center, Bauder College, FL, 1995

TIN ID / CTQP NO.:

CTQP CERTIFICATION
Asphalt Paving Level 1
Asphalt Paving Level 2
Concrete Field Technician Level 1
Earthwork – Level 2
Final Estimates Level 1

OTHER CERTIFICATIONS
Nuclear Gauge Safety
FDEP Stormwater Erosion and Sediment Control Inspector
Critical Structures Construction
IMSA Traffic Signal Inspector Level 1
MOT Intermediate

LUIS CHARRIA
Senior Inspector

Mr. Charria has acquired and demonstrated experience in construction projects involving the inspection of roadway construction, including testing verification of earthwork, MOT, drilled shaft, milling & resurfacing, drainage, lighting, landscaping, irrigation, drainage, sidewalk, curb/gutter, retaining walls, striping, sound barrier walls, MSE Walls concrete pour operations. When issues occur, Mr. Charria is a highly effective liaison with the QC, Contractor, general public and Project Engineer to solve any project related challenges.

EXPERIENCE

Senior Inspector, CEI Services for US 1/SR 5 from south of Beach Road to north of County Line Road in the Village of Tequesta FIN#. 428718-1-52-01, FDOT D4, Palm Beach County, FL, $3.5M. Work includes permanently eliminating the outside northbound and southbound lanes leaving two lanes in each direction, widening turn lanes, adding buffered bike lanes and patterned pavement crosswalks, milling and resurfacing the roadway, sidewalk, drainage and lighting improvements, pedestrian and mast arm signalization, vehicle detection systems, signage, and pavement marking upgrades.

SR-7/US-411 from N. of Hallandale Beach to N. of Fillmore Street, FIN# 227774-1-62-01, FDOT D4 – Senior Roadway Inspector. The improvements under this contract consist of major milling and resurfacing over the entire roadway section of SR-7 (441.), which includes four through travel lanes, approximately 2 miles between Fillmore St and Hallandale Beach Blvd the project also includes drainage improvements, water and sewer, side road construction of existing side streets. Additional improvements include upgrading sidewalk ramps to meet ADA requirements, traffic monitoring site plans, lighting and signalization.

SR 5 Heritage Trail (Florida Keys), FDEP, FIN# 250571-1-58-01, FDOT D6 – Roadway Inspector. The improvements under this contract consist of construction of ten miles of bike path, two boardwalks, signalization, landscape, ADA ramps and crosswalks, gravity walls. Responsibilities also included field coordination with the contractor, sub-contractors local agencies and residents.

SR 7 (US-441) Improvements, FIN# 430801-1-52-01, FDOT D4 – Roadway Inspector. The improvements under this contract consist of milling and resurfacing over the entire roadway of at Griffin Road which includes four through travel lanes, with existing side streets, reconstruction of sidewalk ramps to meet ADA requirements, signing and marking, signalization. Responsibilities also included field coordination with the contractor, sub-contractors local agencies and residents.

SR A1A Improvements, FIN# 250 236 3 5201, FDOT D6 – Roadway Inspector. The improvements under this contract consist of milling and resurfacing over the entire roadway of Collins Avenue between 5th and 16th Street which includes four through travel lanes, with ten existing side streets, new drainage, reconstruction of sidewalk ramps to meet ADA requirements, lighting, irrigation, landscaping, new traffic signal at 12th Street Responsibilities also included field coordination with the contractor, sub-contractors local agencies and residents.

SR-820 Hollywood Blvd. Phase 2, FIN# 421659-2-52-01, FDOT D4 – Roadway Inspector. The improvements under this contract consist of major milling and resurfacing over the entire roadway section of SR 820 (Hollywood Boulevard.), which includes six through travel lanes with landscaped median from SR 7/SR 441 approximately 1.2 miles. The project also includes drainage improvements, side road construction of ten existing side streets. Additional improvements include upgrading sidewalk ramps to meet ADA requirements, traffic monitoring site plans, and lighting, landscaping, removal of on-street parking and bus stop improvements. Responsibilities include inspection of roadway reconstruction including field coordination with the contractor, drainage, asphalt, milling and resurfacing.

Shorecrest Roadway Milling & Resurfacing, FDOT D6 - Roadway Inspector. Project includes milling and resurfacing of over 107,288 SY of roadway, striping and replacement of damage sidewalk/new sidewalk installation. Additional scope was added to the project to include drainage improvements to NE 80th Street.

City of Miami Construction Engineering Observation Project, CEI Services for the US-1 Wall Replacement – South Segment Improvement Project, Contract #09-10-016, Miami, FL – Roadway Inspector. This project replaced the existing wall along the south side of US-1 with a decorative precast wall system to match the adjacent wall installed on a previous project. This project included replacing the existing curb and gutter with a new concrete barrier wall in front of the newly constructed wall, installed new drainage improvements, milled and resurfaced, and provided striping on the three eastbound lanes of US-1 from SW 17th Avenue to SW 19th Avenue.

Roadway Inspector, FDOT, ARAA, LAP Oversight (FM Nos. 423809-1-58-01, 420325-1-58-01, 426484-1-58-01, 426481-1-58-01, 426898-1-58-01, 425259-1-58-01, 426832-1-58-01, and 426377-1-58-01). Oversight CEI for ARRA LAP Projects in Palm Beach County. The projects included in this oversight contract are a combination of geographically allocated Local Level Surface Transportation Program (STP) and Transportation Enhancement Program projects funded through the ARRA. Each has been approved by the Florida Legislative Budget Commission (LBC).

SR-820 Hollywood Blvd. FDOT Project, FIN No. 228160-1-52-01, Fort Lauderdale, FL – Roadway Inspector. The improvements under this Contract consist of major RRR milling and resurfacing over the entire roadway section of SR 820 (Hollywood Blvd.), which includes six through travel lanes with landscaped median from west of Presidential Circle to Hollywood Canal for approximately 1.191 miles. The project also includes drainage improvements, side road construction of ten existing side streets between N. 44th Avenue and N. 31st Avenue, new signalized mid-block pedestrian crossings at Hollywood Blvd. and Calle Grande Dr., closing existing median opening at 32nd Avenue and adding a new east bound directional median opening for U turns near Calle Grande. Additional improvements include upgrading sidewalk ramps to meet ADA requirements, traffic monitoring site plans, and lighting, landscaping, removal of on-street parking and bus stop improvements. Responsibilities include inspection of roadway reconstruction including field coordination with the contractor, drainage, asphalt, milling and resurfacing.

12th Avenue Bascule Bridge, FM No. 249640–1–52–01 – Bridge Inspector. Responsibilities include field oversight, sampling & testing of contractor's operations, preparation of documentation for daily activities, including Site Manager. Bascule bridge replacement, fender system, bulkhead walls, roadway reconstruction, paving, flatwork, drainage, MSE walls, signalization, lighting, structural signs. Complex Category 2 structure with structural steel and AASHTO girders; and electrical and mechanical installations for hydraulic drive system.

I–95 Mobility 2000, Project 3, FM Nos. 231918–2–52–01, 231919–2–52–01, FDOT D4, Broward County, FL – Roadway Inspector. FDOT widened I-95 from six lanes to ten lanes along this section, a length of approximately 2.94 miles. The work included widening the existing bridges over 17th Avenue North, Forest Hill Boulevard, and Summit Boulevard, replacing the existing bridge over the C–51 Canal, and reconstructing the mainline ramps. The project also included drainage improvements, sound barrier walls, retaining walls, signing and pavement marking, lighting, landscaping, irrigation, and communications elements. Responsibilities included field oversight, sampling & testing of contractor's operations, preparation of documentation for daily activities, including Site Manager.

Subconsultant to GBF Engineering, Miami Gardens Drive – Roadway Inspector. Responsible for field oversight, sampling & testing of contractor's operations, preparation of documentation for daily activities, including Site Manager.

YEARS OF EXPERIENCE
8

EDUCATION
High School Diploma - April 2005

TIN ID / CTQP No.:

CTQP QUALIFICATIONS

CERTIFICATIONS

MELECIA N. COATES
Senior Inspector

EXPERIENCE

Inspector, NW 12th Avenue from North of SW 13th Street to NW 1500 Block SR 933. This project consists off drilled shaft installation, Street lighting installation, removing existing sidewalk and placing new ones, pull boxes installation, wiring and directional boring.

Inspector, SR. 953 (Lejeune Road/SW 42nd Avenue) from Almeria Avenue to Majorca Miami-Dade County. Widening of the roadway from one turning lane to two turning lanes with features that includes, lighting, signals, milling, resurfacing, drilled shaft, and relocation of Medjools and Bismarck's. Performed asphalt inspection drainage, French drain and solid pipe, MOT which include lane closures.

Inspector, SR 997/Krome Avenue from SW 136th Street to Kendall Drive. This project includes the widening of the roadway from two to four lanes with features that include de-mucking, 3.5 miles of concrete pavement, bridge replacement, new bike path, lighting, signals, and relocation of railroad crossing gates. Performed asphalt inspection sign placement, milling and resurface widening for turn lane.

Inspector, SR 997/Krome Avenue (FIN No.24961585201, 24961575201). Including field coordination with contractor, inspection of de mucking, embankment, lime rock base, asphalt, drainage and lighting. Work in this project consists of construction new south bound, reconstruction of north bound.

AMEC Engineering, Engineering Technician - Responsible for concrete testing and plastic properties, and asphalt inspections and nuclear density field compaction tests, also worked at district materials office performing LBR and compaction testing also worked on 595 as quality control technician CEI experience inspecting drainage pipes and asphalt placement for driveways for the city of Collier County in Naples FL.

Allied Engineering, Engineering Technician- Worked at Ft. Lauderdale-Hollywood National Airport performing concrete testing, plastic properties and field compaction testing on soils via nuclear density gauge also worked on I-595 as quality control technicians doing the bridge deck concrete pour, also worked on Tamiami Trail doing bridge deck concrete as quality control technician.

CES Consultants, Engineering Technician (work on I-595 as quality control technician) - Responsibilities Include performing drilled shaft testing, asphalt inspections, concrete testing, bridge deck concrete testing that also included temperature monitoring of asphalt trucks and compaction testing of asphalt using density gauge.

Wingerter Laboratories, Inc., Soils Lab Technician - Performing laboratory tests such as sampling aggregates, Sieve Analysis which include finer than No. 200), grain size moisture content, clay lumps and friable particles, liquid and plastic limit, moisture density (proctor), Limerock Bearing Ratio, California Bearing Ratio, specific gravity and absorption of coarse and fine aggregate, unit weight and voids in aggregate, Los Angeles Abrasion, Carbonate Content, Organic Content and impurities.

Engineering Technician - Responsibilities included performing tests in the areas of precast and pre-stressed concrete, grout and masonry testing, soil testing by use of Troxler Nuclear Gauge and by Sand Cone Method, asphaltic concrete inspections, construction materials placement and preparation of reports. Trained in concrete laboratory work including machine operation.

YEARS OF EXPERIENCE
6

YEARS WITH CORRADINO
5

EDUCATION
BS (Journalism & Communication), Florida International University, Miami, FL, 2010

Certifications
MOT Intermediate

LANGUAGES
Spanish – Speaking, writing, and reading advanced level

CARIDAD GONZALEZ

Public Information Area Manager



Ms. Gonzalez has worked extensively with several different aspects of public information and media relations. Her recent experiences have helped her gain knowledge of governmental affairs, special event planning, media coordination and project management. Ms. Gonzalez is fluent in Spanish, both written and verbal. She has used this skill as an additional asset to working first-hand with the media and the public. Other areas of expertise for Ms. Gonzalez include public involvement, broadcast news, public affairs, customer service, municipal projects, social media and sponsorship fulfillments.

EXPERIENCE

Public Information Area Manager, Miami-Dade and Broward Counties, FL. Ms. Gonzalez oversees the outreach efforts performed by Corradino Public Information Officers in the Miami-Dade and Broward regions. She meets with Florida Department of Transportation Management Staff to discuss PIO initiatives and procedures, as well as billing and invoicing inquiries. She plans and develops Public Outreach/Public Involvement Plans, in accordance with the corresponding policies in each district. Ms. Gonzalez additionally performs QA/QC revisions on outreach collateral documents. She assists the PIOs with the planning and execution for events and public meetings, and guides them as-needed on various tasks. She also markets new/upcoming public outreach and public relations opportunities.

Miami-Dade County Public Information Specialist, Florida Department of Transportation, D6, Miami, FL. Ms. Gonzalez was the lead point of contact for public inquiries, outreach and updates pertaining to various district-wide miscellaneous construction projects in Miami-Dade County. She was responsible for dissemination of public information about the projects by means of press releases, fact sheets, door-to-door outreach, planning and executing public meetings, website/social media updates and community research. Ms. Gonzalez also reached out to and met with elected officials regarding initial outreach and updates throughout project life-spans. She additionally provided translation services on project collateral documents and for verbal communication.

Fort Lauderdale Regional Public Information Officer, FDOT, District 4, Fort Lauderdale, FL. Ms. Gonzalez handled public inquiries and outreach pertaining to the renovation of the Fort Lauderdale Las Olas Boulevard Bridge and the replacement of the Five Finger Bridges along Las Olas Boulevard. She was responsible for the dissemination of public information about the projects, by means of press releases, flyers, brochures, door-to-door contact, social media, planning and executing of public meetings, intake and logging of public concerns, and community research.

Public Information Officer, The Corradino Group, Inc., Hollywood, FL. Ms. Gonzalez assisted with administrative duties and any clerical work pertaining to the Hollywood Boulevard Drainage & Roadway Improvement Project. She attended public and progress meetings to keep up-to-date with project developments and updates, as well as keep in touch with and be aware of public needs and input for future projects.

Communications & Special Events Coordinator, City of Hialeah, Hialeah, FL. Ms. Gonzalez played an integral role in the planning, promoting, coordination and execution of city-wide, departmental, and community events. She wrote press releases for the promotion of events and for breaking news, both city and departmental. She took photographs and video footage during events, and helped edit such footage, which would later be aired on local Hialeah TV station Channel 77, YouTube, Facebook, Twitter, and to be added as part of the sponsorship recap post-events. Ms. Gonzalez also helped write scripts for this film footage. She additionally

wrote and sent 'Thank You' letters to sponsors post-events, and she helped maintain relations with those sponsors for future events and activities, as well as assisted with grant and sponsorship proposal plans. She created and distributed a sponsorship recap package that included all media, marketing and promotions documents and tools used to help promote events, including, but not limited to: press releases, newsletters, social media marketing sites, e-mail blasts, posters, banners, flyers, web announcements, etc. Recaps also included photos and video taken during the event. Ms. Gonzalez assisted with community events such as street dedications and honorary ceremonies. She helped plan and executed meetings that took place for the proper planning and recapping of events, maintenance of the local TV station, and to kept track of all marketing materials used for promotion.

Public Affairs Intern, Univision 23, Doral, FL. Ms. Gonzalez translated news updates, media advisories, and flyer/poster information about events and public engagements, from English to Spanish. She assisted with news-gathering and distribution process for material to be put on press releases. She maintained a contact database for all media and public relations outlets for the station, and for organizations that assisted with public affairs involvement. Ms. Gonzalez was heavily involved in the event-planning process of special engagements, by means of communication with media outlets and other officials to inform them of such events, as well as informing the public by means of media advisories, press releases, and social media outlets. She assisted with the logistical planning of special events. She also helped write and edit scripts for the show, *Ahora en Nuestra Comunidad*, as well as assisted with production of show on Thursday nights.



Ricardo A. Castro, P.E.
Senior Engineer 1

Education:
Bachelor of Science in Civil Engineering, Universidad Javeriana, Bogota, Colombia, 1998
Master of Business Administration, The University of Tampa, Tampa, FL, 2003

Years of Experience:
Total 16 years
2017-Present - CALTRAN
2005-2017 - Atkins North America
1998-2001 - Cajezar Construcciones

Registration:
Professional Engineer in Florida, No. 68294, 2008

Proficiencies:
MicroStation | GEOPAK | AutoTurn | GuidSign | Project Mgmt

Office Location:
Miami, FL

Professional Experience

Mr. Castro serves as a Project Manager in transportation design division. He has over 16 years of engineering experience involving preparation of plans and specifications, presentation of alternative engineering solutions, preparation of budget and schedules, permit applications, and construction and cost estimates. His current responsibilities at include project management, roadway and interstate design and preparation of plans, calculations, and coordination among the different disciplines involved in a roadway project.

Key Projects

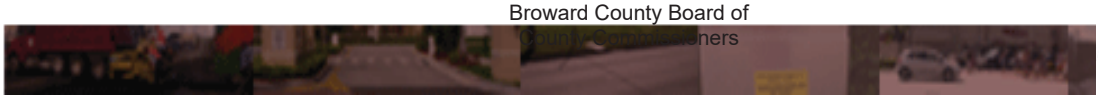
FDOT D4, Continuing Services for Local Agency Program Support Services (FPID 424270-6-32-01), All Counties, (2019-Ongoing) - Project Manager for this Continuing Services Contract that includes the yearly review and scoping efforts for all mobility projects received from Broward MPO, Palm Beach TPA, and Treasure Coast Transportation Council. Other efforts include staff augmentation and miscellaneous support needed by the District's Program Management Office.

FDOT D6, SR5/US1/S. Dixie Highway from North of SW 336th Street to South of SW 304th Street (FPID 441827-1-52-01), Miami-Dade County, (2018-Ongoing) – Engineer of Record for Temporary Traffic Control Plan, Signalization, and Signing and Pavement Markings Plans on this RRR projects along this highly congested urban arterial roadway.

FDOT D6, SR933/NW 12 Avenue from NW 20 Street to NW 29 Street (FPID 432748-4-52-01), Miami-Dade County, (2018-Ongoing) – Engineer of Record for Temporary Traffic Control Plan, Signalization, Lighting, and Signing and Pavement Markings Plans on Ride-Only-Project. Design efforts include mast arm replacement at NW 20Street and the installation of a mid-block pedestrian crossing featuring a hybrid beacon. A robust utility coordination is necessary to minimize conflicts with existing line in this dense urban roadway.

FDOT D4, Miscellaneous Improvement along SR-842/Broward Boulevard (FPID 443309-1-32-01), Broward County, (2018-Ongoing) - Project Manager and EOR for this project which includes the removal of existing brick pavers at major intersections, lighting retrofits at signalized intersections, and a complex TTCP to minimize traffic disruption along this vital arterial which serves as the main ingress/egress route to Fort Lauderdale's downtown area.

FDOT D4, I-95 at Hypoluxo Road (FPID 413257-2-52-01), Palm Beach County, (2014-2017) - Project Manager and roadway engineer of record for this operational improvement project aimed at relieving congestion and improving the safety of arterial streets and I-95 ramps. Design services included modifications to existing ramps, widening of arterial roadway, bridge widening over the SFRTA RR, modification to existing permits, SPM, signals and Utility Coordination.



FDOT D4, I-95 at Donald Ross Road (FPID 429785-1-52-01), Palm Beach County, (2014-2017) - Project Manager and roadway engineer of record for this operational improvement project aimed at relieving congestion and improving the safety of arterial streets and I-95 ramps. Design services included modifications to existing ramps, widening of arterial roadway, reinforced soil concrete anchors of existing MSE wall, modification to existing permits, SPM, ITS, signals and Utility Coordination.

Florida Turnpike Enterprise, HEFT at Campbell Drive Interchange Improvements (FPID 435462-1-52-01), Miami-Dade County, (2016-2017) - As part of Atkins GEC contract, the South FL team was tasked for the development of the design/build RFP criteria package. Mr. Castro served as the Lead Technical Person for creating the 60 plans (references to the RFP) for roadway, TTCP, drainage, and SPM. This project consisted of operational improvements in this interchange to enhance current LOS in all movements. Design efforts included development and approval of all design variations, typical sections and pavement design package (attachments to the RFP). Coordination among numerous conventional design projects adjacent to both ends of the project limits was critical as well as coordination with Miami-Dade County and City of Homestead.

FDOT D4, SRA1A from Oakland Park Blvd. to Flamingo Avenue (431204-1-52-01), Broward County, (2012-2017) - Lead Technical Person for Roadway, SPM and Utility Coordination for the development of the Broward County Greenway within this segment of roadway. The design phase involved extensive coordination with the City of Fort Lauderdale, Broward MPO, and local stakeholders. Public involvement efforts were critical to the success of this project. The design elements involved reconstruction of SRA1A, implementation of buffered bike lanes, complex MOT, utility coordination, and a landscape theme developed in conjunction with residents and business owners.

FDOT D6, SW 336 Street/Davis Parkway from west of SR 997/Krome Avenue to SR 5/US-1 (FPID 405575-7-52-01), Miami-Dade County, (2015-2019) - QA/QC Lead for all design efforts. Project scope includes reconstruction/widening, milling and resurfacing for truck bypass. In addition, new sidewalk and ADA features are also included in the project.

City of Coconut Creek, Coconut Creek Educational Corridor, Broward County, (2011-2013) - Lead Technical Person for this LAP project which implemented Complete Streets features along Coconut Creek Parkway. Project improvements included milling and resurfacing existing pavement, construction of a landscaped median, designated bike lanes, and sidewalk and landscape improvements to encourage pedestrian traffic in the area.

City of Coconut Creek, Coconut Creek Comprehensive Street Improvements, Broward County, (2015) - Engineer of Record and Deputy PM for this Complete Streets project which included improvements to a total of 17 miles of roadway within the City limits. This project transformed corridors to encourage non-motorized modes of transportation such as walking a bicycling. Project included implementation of shared lane markins, minor widening to accommodate designated bike lanes, construction of sidewalks a miscellaneous design items for ADA compliance.

Town of Medley, Town of Medley Engineering Services Contract, (2011-2017) - Lead Transportation Engineer. Under this contract Atkins provides a wide range of transportation services including survey, right-of-way support services and all disciplines involved in producing a final roadway set of plans. Typical projects included milling and resurfacing and widening to provide for auxiliary lanes (turn lanes and two-way left-turn lanes), overbuild for cross-slope correction and construction of closed drainage systems consisting of interconnected exfiltration systems. All project included construction of sidewalks.

FDOT D4, Districtwide Local Agency Program (LAP) Support Services, (2016-2017) - Project Manager for this DW project which provides miscellaneous support to the Program Management Section of FDOT D4. Mr. Castro's responsibilities include the oversight of in-house personnel and routine performance evaluations with the client. Atkins provided support for the scoping, cost estimates and schedules for all LAP projects included in the District's 5-year work program.



Ronald Celiz, PE
Design Engineer

Education:
Bachelor of Science in Civil Engineering, Florida International University, 2014
Associate of Science, Miami Dade College, 2012

Years of Experience:
Total 5 years
2018-Present - CALTRAN
2014-2018 - ATKINS
2013-2014 - A&P Consulting Transportation Engineers Corp.

Registration:
Professional Engineer in Florida, No. 87465, 2019

Training:
Fundamentals of Engineering, 2014 | MOT Advanced

Office Location:
Miami, FL

Professional Experience

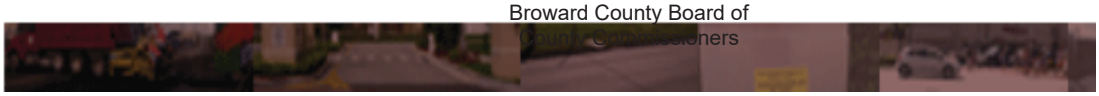
Ronald Celiz has more than 5 years of engineering experience and has been involved in the roadway design of governmental and non-governmental projects in Florida. He has been heavily involved in all design phases for roadway components, preliminary design work and reports, environmental and utility coordination, cost savings initiative and post design services.
Ronald Celiz has also served as an in-house consultant to the Florida Department of Transportation (FDOT) District 4 for the Local Agency Program section. In this position he was able to oversee various implementations of local agency initiatives and manage design submittal's using FDOT's policies and procedures.
He is technically proficient with FDOT Design Manual; FDOT's Standard Plans for Road and Bridge Construction, and Complete Streets Guidelines and is certified in FDOT's Advanced Maintenance of Traffic

Key Projects

FDOT D6, SR 933/NW 12th Avenue from south of NW 20th Street to North of NW 29th Street, (2018-Ongoing) - Lead Technical Person responsible for the Temporary Traffic Control Plan and Maintenance of Traffic, Lighting Design, Signalization Design, and Signing and Pavement Marking Plan of Ride-Only Project of SR 933 corridor. This section is SR 933 is classified as an Urban Minor Arterial with a Class 5 Access Management Classification providing integral access to Miami's Health District/Civic Center and to various Miami Metrorail stations located within the project limits. Extensive coordination was conducted between the Miami Dade County, FDOT D6, and the Miami-Dade Department of Transportation and Public Works to bring this project to completion. *Contact: Adriana Manzanares, FDOT D6, (305) 470-5283.*

FDOT D6, SR5/US1/S. Dixie Highway from North of SW 336th Street to South of SW 304th Street, (2018-Ongoing) - Lead Technical Person responsible for the Temporary Traffic Control Plan and Maintenance of Traffic, Signalization Design and Signing and Pavement Marking Plan of the resurfacing, restoration and rehabilitation of the US-1 corridor to extend the service life and safety while improving roadway and operational deficiencies. Coordination efforts included Miami-Dade County, Florida City, and City of Homestead. *Contact: Auraliz Benitez, FDOT D6, (305) 470-5477.*

FDOT D6, SR5/US1/S. Dixie Highway from East of SR 9/SW 27th Avenue to SR 9A/I95, (2017-2019) - Lead Technical Person responsible for the resurfacing, restoration and rehabilitation of the US-1 corridor to preserve and extend the service life of the roadway and to enhance general highway safety. In addition, ADA upgrades were included as part of this project to compliment the future "The Underline" project which will transform the area below Miami's Metrorail into a 10-mile urban trail. Extensive coordination was conducted between the City of Miami, FDOT D6, and the Miami-Dade Department of Transportation and Public Works to bring this project to completion. CALTRAN is the prime consultant for this project and scope of services includes roadway design, drainage system design, temporary traffic control design, signing and



pavement marking improvement, signalization design and lighting design. *Contact: Adriana Manzanares, FDOT D6, (305) 470-5283.*

FDOT D4, SR5/US1 Transit improvements from the Miami-Dade County Line to SR842/Broward Boulevard, (2017-2019) – Assisted in the design efforts of transit improvements consisting of bus shelters at 17 specific locations, transit signal priority implementation at 18 intersections, and a queue jump along SR5/US1 at SE 9 Street in Hallandale Beach. Proposed corridor improvements impact 4 different cities (Hallandale Beach, Hollywood, Dania Beach, and Fort Lauderdale) requiring extensive design coordination and a robust public involvement approach. *Contact: Helen James, FDOT D4, (954) 777-4346*.

FDOT D6, SW 336 Street/Davis Parkway reconstruction project extends from West of SR 997/Krome Avenue to SR 5/US-1 in Florida City within Miami-Dade County, (2016-2019) – Assisted in the final design responsible for improving and extending the service life by reconstruction, milling and resurfacing for truck bypass. New sidewalk and ADA features are also included in the project. CALTRAN is the prime consultant for this project and scope of services includes roadway design, drainage system design, temporary traffic control design, signing and pavement marking improvement, signalization design and lighting design. *Contact: Nathan Pulido, FDOT D6, (305) 470-5207.*

FDOT District 4, Palm Beach Local Agency Program (LAP) Coordinator, (2017-2018) - Duties included overseeing FDOT LAP/JPA contract requirements on federally funded projects in Palm Beach. Mr. Celiz participated on plans review for phase submittals, coordination with local agencies ensuring the proper submittal of documentation confirming agencies maintained all federal regulations and provisions, reviewed and approved invoices for Construction and CEI services, performed field reviews for the purposes of MPO rankings, developed and implemented agreements between FDOT and local agencies, and conducted internal and external trainings on behalf of FDOT. *Contact: Sabrina Aubery, (954) 777-4585.*

City of Coconut Creek, Comprehensive Street Improvements Phase I, Broward County, Coconut Creek, FL, (2015-2016)- Roadway engineer for the milling and resurfacing of designated local streets, roadway striping and signage, sidewalk and curbing improvements to meet applicable standards (including ADA), application of the Broward County "Complete Streets" multi-modal transportation concept in roadway design, creation of bike lanes and other measures to improve the aesthetics and functionality of the various ROW features. *Contact: Asaad Akar, (954) 973-6786.*

FDOT D4, I-95 Interchange Operation Improvements, (2014-2017) - Atkins serves as a major sub-consultant for this Design-Build project and is responsible for the entire design of operational improvements in 2 interchanges. As roadway engineer Mr. Celiz is responsible for creating pavement design and typical sections packages as well as assisting with the production of the signing and pavement and roadway designs. The scope of work includes milling and resurfacing, roadway and bridge widening, drainage improvements, bridge railing upgrades, and improvements to signing and pavement marking. *Contact: Scott Thurman, (954) 777-4135.*

Jonathan Landing Property Owner's Association Bridge and Culvert Replacement, (2015) - Mr. Celiz was in charge of designing the traffic control plan using Florida Department of Transportation's design standards to safely direct traffic thru work zones.

FDOT D6, SR-90/US-41/Tamiami Trail, Miami-Dade County, FL, (2014-2017) - Roadway engineer for the resurfacing, restoration, and rehabilitation (3R) of approximately 9 miles of roadway that includes milling and resurfacing, signing and pavement markings, and utility coordination. He assisted with the assembly of the summary of quantities, tabulation of quantities and the transport reports. *Contact: Jose Barrera, (305) 470-5260.*





MARIA CUTILLO
Engineering Technician

Education
Bachelor of Science in Civil Engineering, Carabobo University, Venezuela, 2013
Master of Science in Civil Engineering, Transportation, Florida International University, 2016

Years of Experience
2016-Present - CALTRAN
2012-2013 - SELVAVEN, C.A.

Proficiencies
Micro Station V8i | Geopak | AutoCAD | VISSIM | FREEVAL

Office Location:
Miami, FL

Professional Experience

Ms. Cutillo has 2 years of experience in transportation engineering. Her experience is primarily in roadway design, signing and pavement marking design, signalization and traffic control design. She has designed roadway projects, and traffic control plans, using Micro Station V8i and Geopak, specifically for railroad closures.

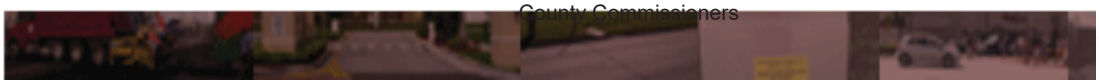
Key Projects

FDOT D6, Districtwide Freight Logistics and Passenger Service OPS Consultant Services, Contract CD904, (2013-Ongoing) - As part of this contract Ms. Cutillo served as designer performing the following tasks: Design of Maintenance of Traffic (MOT) for proposed rail closures, coordinate with stakeholders and MOT contractor, prepare plans including tabulation of quantities, notes, detour route plans and coordinate plan reviews. Additionally, Ms. Cutillo participated in the design review process for the signing and pavement and signalization components of all crossings being part of the Brightline-All Aboard Florida within Miami Dade County. This review included incorporating comments into the ERC, actively participating in the design review meetings, and coordinating with FDOT. *Contact: Dionne Richardson, (305) 470-5292.*

FDOT D6, SW 336 Street/Davis Parkway reconstruction project extends from west of SR 997/Krome Avenue to SR 5/US-1 in Florida City within Miami-Dade County, (2016-2018) - Designer responsible for assisting in the design of signing and marking in order to improve and extend the service life by reconstruction/widening, milling and resurfacing for truck by pass. CALTRAN is the prime consultant for this project and scope of services includes Roadway design, Drainage system design, Temporary Traffic Control Design, Singing and Pavement Marking improvement, Signalization design and lighting design. *Contact: Nathaniel Pulido, FDOT D6, (305) 470-5471.*

FDOT D6, US-1 from SW 27 Ave. to I-95, (FPDI 433455-4-32-01), (2017-Ongoing) - Roadway design engineer responsible for roadway striping and signage within milling and resurfacing/widenning project limits. *Contact: Adriana Manzanarez, PE, FDOT D6, (305) 470-5283.*

Heron Bay Master Transportation Plan and Traffic Calming Improvements Design, (2016-Ongoing) - An evaluation of the existing conditions of the Heron Bay Community, which includes over 2,200 units on the north-west area of Broward County, was performed in order to improve the roadway network quality for residents and visitors within the community by assessing gate entrance protocols, community's roadway network, traffic calming strategies, traffic control signs, warning signs, and pavement markings. Finally, as part of This project, it includes design of the proposed improvements, construction cost estimates and support during the bidding process. *Contact: Dean Andreozzi, Heron Bay Community, (954) 575-2200.*



FDOT D6, DW Miscellaneous PE Design Consultant, (2015-Ongoing) - Designer for the design of 3R improvements along SR 826/Palmetto Expressway Interchange between NW 67th Avenue and NW 57th Avenue. This project encompassed analysis and plans preparation for signing and pavement markings along all the ramps and the frontage roads on both sides of the limited access right of way. As part of the improvements it includes new bike lanes along the frontage roads. *Contact: Allan Sequeira, PE, AES Engineering, (305) 803-8477.*

Westview, LLC Signal Warrant at NW 119th Street w/NW 24 Avenue, (2015-Ongoing) - Designer responsible for the signal design of Westview, LLC at NW 119th Street with NW 24th Avenue. The signal design consisted of preparation of sound plans in conformance to Miami Dade County Standards. Responsibilities to this signal warrant includes field reviews, due diligence for proposed improvements under lead designer, preparation of signal FDOT plans Preparation manual including: key sheet, tabulation of quantities, notes, signalization plans, signing, mast arms detail. *Contact: Sam Pinson, Panattoni Development, (954) 729-4556*.

FDOT D4, SR 708/Blue Heron Blvd and Avenue S, (2014-2018) - This project consists of intersection improvement at Blue Heron and Avenue S. Currently the intersection has sub-standard curb radius at all four corners. Responsibilities to this modification include new mast arms and new lighting poles. *Contact: Jorge Maspons, PE Engineering, (305) 450-2693 /Scott Thurman (954) 777-4135.*

Hard Rock Stadium MOT 2017, (2017- Ongoing) - Engineering services to complete a Maintenance of Traffic (MOT) Civil Plans for detour of Traffic along both directions of the Turnpike Connections the Golden Glades Interchange, the Florida Turnpike Homestead Extension NW 27th Avenue during Special Event season at Hard Rock Stadium in conformance with FDOT latest standards and specifications.

RedSpeed Illinois – Coral Gables Signalization Plans for RLR Systems for RedSpeed, (2017) - Designer responsible for preparing signal component package for the implementation of Redspeed cameras at the intersections of Bird Rd with Lejeune Rd: and US-1 with Granada Blvd following FDOT plans Preparation Manual.

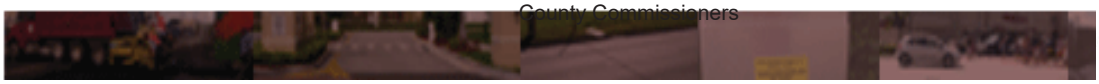
FDOT D4 / Design services for Transit improvements along SR-5/US-1, (2017-Ongoing) - Assisted in the design efforts of transit improvements consisting of bus shelters at 17 specific locations, transit signal priority implementation at 18 intersections. Proposed corridor improvements impact 4 different cities (Hallandale Beach, Hollywood, Dania Beach, and Fort Lauderdale) requiring extensive design coordination and public involvement approach. *Contact: Helen James, FDOT D4, (954) 777-4346*

Aston Martin Signal, (2018-Ongoing), Engineer responsible for preparing set of signalization plans for relocation of pull boxes and the controller at SR-5 / SE 4th Street/ Biscayne Boulevard Way and SE 3rd Avenue. *Contact: Arnold Ledesma, aledesma@gandgbd.com.*

Amli Signal, Peters Road and Sheldon J Harr Pkwy, (2018-Ongoing) - Assisted in the design efforts of signalization improvements, such as, location of mast arm, signal heads, video camera, loops, pull boxes and controllers at SW 80 th Terr and Peters Road. *Contact: Neal Kevin, kneal@amli.com.*

Signal Design Highlands Drive at Biscayne Boulevard, (2018-Ongoing) - Engineer responsible for preparing set of plan for signalization, design included new video cameras and detectors at Biscayne Boulevard and SR-5 at Highlands Drive. *Contact: E.I. Miguel Lockward, mlockward@chenmoore.com.*

City of Oakland Park – Roundabouts NW 28 Street (2018-Ongoing) - assisted in the design efforts of roadway and signing and markings improvements for two roundabouts located at NW 38th Street and NW 3rd Avenue, and NW 38th Street and NW5th Avenue. *Contact: Albert Carbon, albertc@oaklandparkfl.gov.*





Michael J. Hernandez
Designer

Education:
Associate in Science in Computer Drafting & Design, ITT Technical Institute, 2010 Miami, FL

Years of Experience:
Total 11 years
2011-present - CALTRAN
2008-2011 - FTE

Certifications:
FEC Roadway Worker Protection | Maintenance of Traffic Intermediate Certification, 2014 | Asphalt Paving Technician Level I & II, FIU, 2012 | Guardrail Installation & Inspection TRESS course, 2010 | HPMS BT-04-0005, FDOT, 2008 | Planning Roadway Data Collection, BT-04-0039, BT-04-0040, BT-04-0041, FDOT, 2008 | OSHA certification, MDC, 2013

Proficiencies:
Highway and Traffic Data Collection | Micro Station XM | Geopak | AutoCAD | Auto Turns

Office Location:
Miami, FL

Professional Experience

Mr. Hernandez has experience in assisting in the design of a various Miami-Dade intersection improvement and a school zone, including signal systems, using Micro Station XM and Geopack. He is proficient in elaborating maps using GIS files for data collection purpose in several projects. He is experienced in web design and Photoshop renderings used for FDOT proposals presentation and projects.

Mr. Hernandez also has experience in conducting various types of traffic studies including: traffic counts, vehicle classification, turning movement studies, speed studies, travel time and delay studies, parking studies, vehicle gap studies, and roadway characteristics inventory. He has collected measurements for roadway features based in the FDOT latest RCI manual (i.e. lane widths, medians, sidewalk, and shoulders.) He has experience with data input to the FDOT mainframe.

Key Projects

FDOT D6, SW 336 Street / Davis Parkway reconstruction project extends from west of SR 997/Krome Avenue to SR 5/US-1, Florida City, (2016-Ongoing) - Designer responsible for assisting in improving and extending the service life by reconstruction/widening, milling and resurfacing for truck by pass. In addition, new sidewalk and ADA features are also included in the project. CALTRAN is the prime consultant for this project and scope of services includes Roadway design, Drainage system design, Temporary Traffic Control Design, Singing and Pavement Marking improvement, Signalization design and lighting design. *Contact: Hong Benitez (305) 470-5471.*

FDOT D6, Commodore Drive from SR 84 to NW 8th Street, Broward County, C9G03, (2014-2016) - Designer responsible for preparing a set of plans, specifications, supporting engineering analysis, calculations, and other technical documents in accordance to FDOT policy, procedures and requirements. Said documents are for FDOT to use for inspection and final acceptance of the project. Further work included the removal of an existing 4' concrete sidewalk to construct a new 5' wide sidewalk from NW 8th Street and SR 84, and installation of ADA curb ramps at all intersection on said sidewalk of Commodore Drive. *Contact: H.W. Lochner, Alejandro Jaureguy, (305) 503-9873.*

Jackson Memorial Hospital North Logistics Contractor Parking Area Civil Plans, (2014-Ongoing) - Providing engineering services to complete civil plans for the North Logistics Contractor Parking Area to be used as construction staging area for future improvements to JMH. *Contact: Jorge Garciga, (305) 585-7376.*

FDOT D6, Traffic Operations Districtwide Plans Reviews, (2014-Ongoing) - Reviewing FDOT and LAP projects during all phases of design to include comments in the ERC. These projects includes roadway, MOT, S&PM, and signalization. Among the projects vetted includes roadway widening and reconstructions, 3R, safety improvements, bicycle and sidewalks, red-light cameras, ADA. *Contact: Jesus Mustafa, (954) 744-4691.*



SunLife Stadium, Maintenance of Traffic Plans, (2013-Ongoing) - Assisted in design engineering services for a Maintenance of Traffic plans as per FDOT Standards for a major detour along the Florida Turnpike connections from Golden Glades and HEFT during special event season for pre and post event traffic control. Work included: key sheets, lane closure analysis, project layout, tabulation of quantities using FDOT pay items, notes, special signing sheets and detour route plans for all Dolphin games and special events at the SunLife Stadium. *Contact: Miami Dolphins Corporate Headquarters, Alan Riano, (305) 943-6501.*

Civil Engineering Plans for Gate Installation at Imperial Lakes HOA, (2012-ongoing) Providing roadway design services for three main access roads, for the community, in subject along NW 7 Terrance, NW 122 Ave and NW 124 Path, within Miami-Dade. Roadway plans included key sheets, tabulation of quantities, signing and pavement marking plans and demonstrated the proposed curbing. *Contact: L&C Royal Management, Inc., Guido Van-Meek, P.E., (786) 972-8413.*

Transportation Statistics Support #3, FDOT D6, (2012-Ongoing) - Responsible for providing PTMS design through work program projects; data collection and review; RCI data collection; assistance with enhanced pavement deficiency evaluation and reporting; and in-house support to the ISD office. *Contact: FDOT PM, Neil Lyn, (305) 470-5373* .

Traffic Impact Study, Parking Analysis and Release Traffic Control Plan for Oxford Academy Expansion, Miami, FL, (2011-2012) - Assisted in the preparation of the traffic engineering study for the potential expansion of the Oxford Academy. Task included data collection services such as traffic counts, pedestrian/bicycle counts, and license plate study and traffic accumulation. *Contact: Oxford Academy, Gerrard Samoor, (786) 624-8826.*

Intersection Improvements at SW 91st Avenue at SW 128 Street in Miami-Dade County, (2012) - Prepared roadway signing and pavement markings, post-design services until final certification approval for the intersection in order to implement a traffic circle that will allow left turn access from SW 128th Street into SW 91st Avenue. *Contact: PalmCorp Development Group, Inc., Bob Liu, (305) 446-7990.*

Districtwide Public Transportation Consultant FDOT D6, (2012-Ongoing) - Provided roadway design assistance in the development of Maintenance of Traffic (MOT) plans for several construction plans within the district. *Contact: Dionne Richardson, FDOT D6, (305) 470-5292.*

Traffic Impact Study and Civil Plans at Tavernier Towne Center in Monroe County, (2012-2013) - Supervised and reviewed traffic data collection services in order to confirms its accuracy and prepare a traffic impact analysis for a Dunkin Donuts drive thru implementation in the shopping center. Provided roadway design assistance in the preparation of civil plans for the parking area and service thru lane for the Tavernier Towne Center. Roadway. Component package included key sheets, tabulation of quantities, grading, signing and pavement marking plans, and other details. *Contact: Commodore Realty, Andy Freyre, (305) 365-2679.*

Polynesian at Islands at Doral- Gate Design, (2012-2013) - Reviewed and analyzed data collection services that included volume bi-directional machine counts, TMC's and license plate study, to confirm its accuracy. Assisted in the preparation of roadway signing and pavement markings plans for the proposed gate implementation into the community. Contact: *President of Board for Polynesian at Islands at Doral, Monica Sarmiento, (305) 321-1412.*

Signal Design for Miramar Parkway & Palm Avenue, City of Miramar, (2012-2013) Reviewed and supervised the traffic data collected in order to prepare a traffic study that included turning movement counts on the intersection. Assisted in the signal design with roadway signing and pavement markings to implement modifications at the intersection of Miramar Parkway and Palm Avenue. *Contact: Schwebke-Shiskin & Assoc., John Tello, P.E., (954) 435-7010, & Sunbeam Properties, Inc. Scott Hodges, (954) 450-7900.*



JUAN S. CALDERON, P.E., PTOE, PTP, RSP
Senior Engineer

Education/Training:
Master of Science in Civil Engineering; Florida International University, Miami 1999
Bachelor of Science in Civil Engineering; University Santo Tomas, Bogota, Colombia, 1997

Years of Experience:
Total 20 years
2011-Present - CALTRAN
2006-2011 - FTE
1999-2006 - other firms

Registration:
Professional Engineer in Florida No. 58569, 2002 | Professional Traffic Operations Engineer No. 1301, 2004 | Professional Transportation Planner No. 20, 2007

Proficiencies:
Project Management | Traffic & Safety Engineering | Planning Engineering | Traffic, Highway & Transit Data Collection | Traffic & Transit Analysis | Roadway Design Platforms | GIS | Simulation

Office Location
Miami, FL

Professional Experience

Mr. Calderon has over 20 years of experience in traffic/ transportation engineering with a Master Degree in Civil Engineering. Mr. Calderon has been involved in managing multiple traffics and planning engineering projects with the Florida Department of Transportation (FDOT) by providing direct support in traffic and safety projects for Districts 4 and District 6.

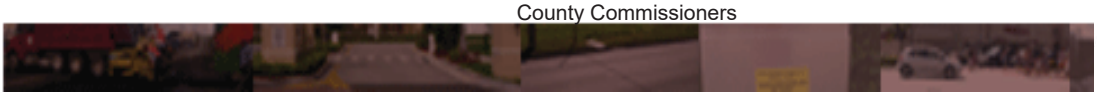
Within FDOT related contracts, he has participated actively in preliminary engineering reports, design projects, planning, development of alternatives, conceptual designs, corridor studies, simulation, GIS, as well as, managing or directing projects that encompassed traffic impact studies, traffic circulation, PD&E, modeling, and traffic forecasting signalization, scoping reports and safety countermeasures. In regards to FDOT D6 planning projects he has participated in tasks involving the EPMP program, freight planning projects, highway and traffic data collection, functional classification/governmental jurisdictions, scoping reports, traffic operation analysis and modeling, and public involvement.

Key Projects

Iron Triangle (2016-2018) - This project intends to provide alternatives for improvements at the interchange of SR 112/LeJeune Road/Okeechobee Road. As part of the tasks assigned includes evaluation of existing conditions, traffic data collection including big data evaluation for origin-destinations (HERE, Bluetooth and Streetlight), operational analysis microsimulation model development, provide documentation for the Design Traffic Technical Memorandum (DTTM). Conceptual improvements assessment for Tier 1 and Tier 2 including long and short term improvements; Provide final recommendations, assist in cost estimates and support in public involvement. *Contact: Ana Elias/Jacobs, (954)246-1243.*

FDOT D6, Transportation Statistics Support No. 1 & 3 (2011-Ongoing) - Responsible for providing engineering services to support the Transportation Statistics Unit of the Planning Environmental Management Office D6 by performing the following services: PTMS design, traffic data collection (over 2,000 traffic stations and over 1,000 miles of road inventories) in charge of enhanced pavement management program and reporting. *Contact: FDOT Neil Lyn, (305) 470-5373.*

Interstate 195 Corridor Planning Study (2017-2018) - CALTRAN as participant of this project with limits from I-95 to Alton Road is in charge of all traffic data collection including big data evaluation (HERE, Bluetooth and Streetlight) for origin-destinations. Documentation of existing conditions, and support of operational analysis microsimulation model development, provides documentation for the Design Traffic Technical Memorandum. *Contact: Lorin Brissett/BCC, (954)928-1828.*



FDOT D4, Districtwide Data Collection (2005-Ongoing) - Project Manager responsible for the supervision of the traffic data collection and analysis for the Statistics Unit in the Planning Office. Project's assignments include 24, 48, & 72 hrs. Traffic counts, researching and recording data into the Roadway Characteristics databases, Straight Line Diagrams (SLD), traffic counts, jurisdictional transfers, and GIS services. *Contact: PM Kara Schwartz, FDOT D4, (954) 777-4364.*

FDOT D4, Traffic Operations Districtwide Data Collection Services (2014-Ongoing) - CALTRAN is currently providing consulting services to assure uniform procedures for the inspection and reporting of District Maintenance Office contracts, agreements, and permits. Services provided include, but are not limited to, maintenance, engineering, inspection and contract administration for the miscellaneous maintenance projects assigned. Mr. Calderon is the Project Manager. *Contact: Adalberto Acuña, PE, FDOT D4, (954) 677-7886.*

Downtown Miami Complete Streets (Lane Elimination) Project, SW/SE 1st Street, Project Manager, (2016-2017) - Responsible for traffic-engineering services to complete a feasibility study to apply a Complete Street concept to SW/SE 1st Street in Downtown Miami, between SW 2nd Avenue and Biscayne Boulevard. Tasks included provided an existing condition analysis, traffic analysis for no built and built conditions, transit system operation analysis. Study recommended lane elimination and 1st on-road bus lane only in Miami-Dade County. *Contact: Fabian De La Espriella, (305) 579-6675.*

City of Coral Gables Comprehensive Multimodal Transportation Plan, (2016-Ongoing) – Project Manager responsible for the evaluation of multimodal projects and transportation traffic calming plan with the vision to support the City developing a framework and analysis of existing and future conditions, civic engagement and putting ideas into action as well as a recommendation and prioritization of funding. *Contact: Atkins, Jack S. Schnettler, P.E., (305) 514-3369.*

FDOT D4, SR 708/Blue Heron Blvd and Avenue S, (2014-2016) - Project consisted of intersection improvement at Blue Heron and Avenue S. Currently the intersection has sub-standard curb radius at all four corners. Responsibilities to this modification included new mast arms and new lighting poles. *Contact: Jorge Maspons, (305) 450-2693/Scott Thurman, (954) 777-4135.*

FDOT D4, Traffic Operations Safety Study, C9845 (2012-Ongoing) - Project Manager responsible for providing traffic engineering services to the department through traffic operations and safety studies such as: Ramp safety studies, spot speed studies, safe curve speed studies, gap studies amongst others. *Contact: Gannett Fleming, Nelson Castillo, P.E., (305) 823-5662.*

FDOT D4 District-wide Modal Development Consultant Services, Broward and Palm Beach Counties, Florida, (2014-2015) - as sub to Tindale Oliver, CALTRAN collected data for assessing at-grade rail crossing traffic delay impacts using video cameras. Each crossing utilized from 3 to 4 cameras, depending on their complexity and sight distances. Observations made regarding the overall operation of the railway crossings were updated. The data collected was reviewed and summarized, as well as the video data of the locations assigned. Data analysis produced the statistics for each crossing location. Statistics collected included delay per gate closing event (vehicle-minutes), and average number of vehicles in the queue, among others. These statistics were aggregated to be compared by railroad corridor and by county. The number of engines and railcars was collected and summarized. Client: Paola Baez, PE, *Tindale Oliver*, 954-641-5680

FDOT D6, Maintenance and Permit Inspection, Contract No. C9G32, (2014-Ongoing) - Project Manager overseeing all on-site activities. Under this contract, CALTRAN provided onsite support in the collection of Maintenance RCI features. Quality control of data collected as well as data inputted into the RCI mainframe to ensure accuracy maintained. Conducted field reviews to cross check against if work needs are completed adequately. CALTRAN also assisted in GIS efforts and data collection for legal purposes. *Contact: Amman and Whitney, Ernesto Polo, (305) 261-2006.*



Jeannelia P. Liu, P.E.
Senior Project Engineer

Education/Training:
Bachelor of Science in Civil Engineering, University of Miami, 1996

Years of Experience:
Total 21 years
2014-Present - CALTRAN
2003-2014 - BMcD
1996-2003 - other firms

Registration:
Professional Engineer in Florida, No. 57565, 2001

Proficiencies:
Project Management | Transportation Engineer | Signalization Design | ArcView ArcGIS | Data Management | RCI and HPMS | Traffic Counts

Office Location:
Miami, FL

Professional Experience

Mrs. Liu has a wide-range of experience in consulting engineering and throughout her 21 year career. Her experience includes more than fifteen years providing project management services to various GIS, planning, studies and data collection projects. Mrs. Liu has produced a vast amount of scoping reports for reconstruction and resurfacing roadway projects and has been involved in numerous roadway design and planning projects in FDOT. Additionally, she was involved in the Pavement Management Process since it was first implemented in FDOT District Six.

Key Projects

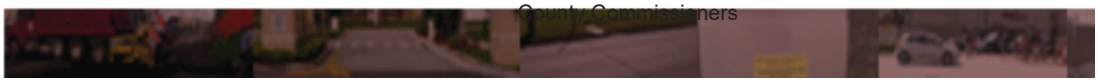
FDOT D4, Districtwide Data Collection, (2005-Ongoing) - Project Manager responsible for the supervision of the traffic and roadway data collection and analysis for the Statistics Unit in the Planning Office. Project's assignments includes 24, 48, & 72 hr traffic counts, researching and recording data into the Roadway Characteristics databases, Straight Line Diagrams (SLD), traffic counts, jurisdictional transfers, and GIS services. She also provided in house engineering support services for four years in FDOT District Six, Miami, Florida. *Contact: Min-Tang Li, Ph.D., P.E. (954) 777-4652*

FDOT D6, Transportation Statistics Support No. 3, (2013-Ongoing) - Quality Control Supervisor responsible for providing engineering support at the Intermodal Systems Development Office in District 6 and amongst other tasks includes; PTMS design through work program projects; Roadway Characteristic Inventory data collection and review; enhanced pavement deficiency evaluation and reporting. *Contact: Neil Lyn, (305) 470-5373.*

FDOT D6, Public Transportation Consultant, (2012-Ongoing) - Quality Control Supervisor responsible to provide studies, perform evaluations, develop strategies, and secure funding for highway, transit, rail, freight and seaport projects while enhancing performance for all transportation modes. Those analyses require capabilities to collect data, assess the context, validation of data, analysis of demands, forecasting and growth, and provide sound engineering design and construction judgments in conjunction to responding to public and private stakeholders concerns. MOT for railroad closures are also prepared. *Contact: Dionne Richardson, (305) 470-5292.*

FDOT D6, District Wide Freight and Logistics Consultant, C9D04, (2013-Ongoing) - QA/QC Manager responsible for assisting FDOT D6 to evaluate freight plans, to develop freight strategies with the objective to incorporate within future or ongoing projects. Review and collect data related to freight project. Perform plans reviews. Perform audits to transit, airport and seaport projects and coordinate with District and private stakeholders as necessary. Her experience includes conducting triennial reviews for nonprofit organizations, part of the 5310 program. *Contact: FDOT Dionne Richardson, (305) 470-5292.*

FDOT D6, Districtwide Plans Reviews, (2013-Ongoing) - Senior Engineer responsible for reviewing FDOT and LAP projects during all phases of design. *Contact: Jesus Mustafa, (954)744-4691.*



FDOT D4, Districtwide Planning & Environmental GIS General Consultant, (2005-2014) - Project Manager responsible to provide GIS services to supplement the FDOT's District Four PL&EM Staff. Support areas include but are not limited to: organization and maintenance of GIS data library, geographical information systems (GIS) on-site application support, development of office specific GIS applications, website programming, training, and miscellaneous general services to support planned and ongoing production efforts as directed by the FDOT. The GIS consultant shall function as an extension of FDOT's resources. *Contact: Min Tang Li, (954) 777-4652.*

FDOT D6, Districtwide Plans Reviews, (2009-2012) - Project Engineer responsible for all aspects of the scoping reports during draft and final phases. She also reviewed roadway design plans. She posted the comments in the ERC and attended review meetings.*Contact: Erenia Nagid (retired), (305) 470-5469.*

FDOT D6, Short Range Project Development Consultant, (2006-2010) - Project Manager for pavement management enhancement projects within Miami Dade and Monroe counties in which recommended improvements and preliminary cost estimates need to be prepared. She is also managing highway and traffic data collection assignments under this project. Under this project, a scoping report is produced to assess existing conditions on the project based on requirements from Chapter 25 of the Plans Preparations Manual "Florida's Design Criteria for Resurfacing, Restoration and Rehabilitation (RRR) of Streets and Highways. The assessment includes physical and operational conditions, and a safety assessment, as well as ADA Compliance. *Contact: Neil Lyn, (305) 470-5373.*

FDOT D6, Districtwide Public Transportation Consultant, (2003-2008) - Project Manager for this Districtwide Public Transportation Consultant contract. Burns & McDonnell provided general consulting services in support of multi-modal planning in the District in five areas: aviation, transit, intermodal, ports, and rail. Under this contract, BMcD provided airport/heliport inspections, Vehicle inventories and workshops for FTA 5310 & 5311 Programs, project management site visits to Miami International Airport South Terminal Program, plans reviews, rail data collection, and commuter assistance sign placement design, among others. *Contact: Paola Baez, (305) 470-5333 (no longer at DOT).*

MDAD, Miami International Airport, Perimeter Road Realignment, *(*2005-2007) - The project consisted of the re-alignment of Perimeter Road to accommodate the new Southeast Gate and a new employee parking lot adjacent to the east side of Miami International Airport. Engineering services included design, construction document development, permitting, and construction administration. Work activities included a new 4-lane divided road, exfiltration trenches and drainage structures, lighting, a new signalized intersection, signing and pavement marking, and a surface parking lot. Mrs. Liu served as the Project Engineer for the design and construction documents development of the signalization plans.*Contact: Tyrone Browne, (305) 876-0529.*

City of Miami Beach Neighborhood Capital Improvement Program, Flamingo Neighborhood Improvements (2003-2007) - Project Engineer. Responsible for the supervision of the master plan, preliminary design, and cost estimating of above and under-ground improvements to the right-of-way infrastructure of the "Flamingo" neighborhood in Miami Beach. The Flamingo neighborhood encompasses more than a square mile of city streets. The scope of the work includes aboveground improvements including: streetscape design, street lighting, traffic calming, signage, parking studies, and final design of parking, traffic engineering, signalization, paving, grading, and ADA-compliance updates to walkways. Underground improvements include pipe upsizing and replacement of water mains, wastewater mains, storm sewers, and installation of new deep. *Contact: Cesar Garcia Pons (no longer at EDAW), (305) 579-6675.*



Moe Lavasani, Ph.D
Travel Demand Modeler, Traffic Engineer & GIS Analyst Programmer

Education/Training:
Ph.D (Civil Engineering)
Florida International University, Miami, FL, 2016

Certifications:
- ✓ Adaptive Traffic Control System, FAU Certificate of Training
- ✓ FSUTMS Cube Avenue Workshop, FDOT Certificate
- ✓ FSUTMS Introduction to Modeling, FDOT Certificate
- ✓ Introduction to FreightSIM R Programming, FDOT Certificate
- ✓ Multi-modal and Multi-context Trip Generation and Network Analysis Using OTISS 4.0, TRANSOFT Certificate

Years of Experience:
Total 8 years
2016-Present - CALTRAN
2013-2016 - Florida International University, PhD Student
2011-2013 - Ettehad Rah Consulting Engineers (Iran), Highway Geometric Designer
2010 -2011 -Tadbir Foroud Rah Consulting Engineers (Iran), Pavement Engineer

Proficiencies:
Transportation Modeler | Cube | ArcGIS | Turn6 | Synchro

Office Location:
Tampa, FL

Professional Experience

Mr. Lavasani has been involved in various GIS and planning projects, traffic impact analysis studies and data collection projects. He is working as transportation modeler and GIS Analysis Programmer with CALTRAN group since January 2016 and is experienced in conducting ArcGIS studies including developing a methodology to use HERE travel data to show a selected performance measure on ArcGIS and Google Earth for Florida's State Highways, transportation model studies including Southeast Regional Planning Model, Northeast Regional Planning Model (NERPM 1), Greater Treasure Coast Regional Planning Model (GTCRPM 3.4) and also various types of traffic studies including traffic counts, turning movement studies, travel time and delay studies, parking studies and traffic impact studies. He is responsible for developing different scenarios for future transportation model studies. During his PhD, Mr. Lavasani evaluated the implications of autonomous vehicles in south Florida's transportation demand model. In this research he applied the effects of driverless cars on the SERPM 7 model using Cube software with the results presented in 2017 Transportation Research Board in Washington D.C.

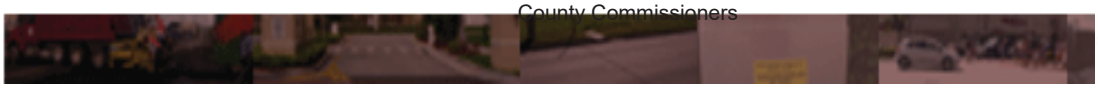
Key Projects

Charlotte County Parking Lots Site Inspection, (2018-2019) – CALTRAN Engineering Group was retained by the Charlotte County to inspect County-owned facilities parking lots to assess existing general condition of the sites and pavement condition. CALTRAN provided a scoring system and flowchart to prioritize the rehabilitation strategies. *Contact: Gary Burdahl, (941)623-1009.*

Flagler Street Parking Study and Travel Demand Modeling, (2016) – This project were conducted in two phases. First, **u**sing cellphone trip data by AirSage, an updated model with concentration on Flagler Street was developed based on SERPM 6.5 model network and methodology. ArcGIS was used to create updated Traffic Analyses Zones. In the second phase, a complete parking inventory data collection, parking utilization and turnover analysis was performed along the corridor to plan the parking relocation due to construction of BRT. *Contact: Charles Hart, (305) 261-4785.*

Iron Triangle Planning Study, (2016-2018) - This project intends to provide alternatives for improvements at the interchange of SR 112/LeJeune Road/Okeechobee Road. As part of the tasks assigned includes evaluation of existing conditions, traffic data collection including big data evaluation for origin-destination (HERE Data, Bluetooth and Streetlight), operational analysis microsimulation model development, provide documentation for the Design Traffic Technical Memorandum (DTTM), conceptual improvements assessment for Tier 1 and Tier 2 including long and short term improvements. Provide final recommendations, assist in cost estimates and support in public involvement. *Contact: Ana Elias/Jacobs (954)246-1243.*

Interstate 195 Corridor Planning Study, (2017–2018) - CALTRAN as participant of this project with limits from I-95 to Alton Road is in charge of all traffic data collection including big data evaluation (HERE, Bluetooth and



Streetlight) for origin-destinations. Documentation of existing conditions, and support of operational analysis microsimulation model development, provides documentation for the Design Traffic Technical Memorandum. *Contact: Lorin Brissett/BCC, (954)928-1828.*

SMART Plan Bike and Pedestrian Analysis, (2017–2019) - This project was assigned to CALTRAN in order to explore STRAVA data and estimate pedestrian and bicycle activity and needs along the proposed stations of three corridors of Strategic Miami Area Rapid Transit including East – West, Beach and Northeast corridors. *Contact: Andres Gomez/SNS LAVALIN, ATKINS Global, (305)514-3367*

NW 25th Street / NW 36th Street Reversible Lane Analysis, (2017-2019) - As a part of the Team, CALTRAN Engineering collected traffic count, turning movement and also origin-destination data along two major corridor and connections in order to provide analysis regarding how the reversible lane application may impact the traffic in each peak period. The origin-destination was conducted for passenger cars and commercial vehicles, separately. *Contact: Marie-Elsie Dowell, WSP, (305)514-3125.*

US-1 Bayfront Area Road Diet, (2017) - A micro simulation and study was conducted to understand the impacts of removing one lane in each direction along US-1 corridor, in Miami Downtown Bayfront area. The analysis used Synchro software to compare before/after performances at intersection levels. *Contact: Tindale Oliver, Demian Miller, (813) 224-8862.*

Miami River Freight Study, (2015-2018) - CALTRAN was assigned the data collection including Bluetooth origin and destination. After raw data was collected, data was validated and adjusted to provide matrices for each peak periods including an analysis of the major generators like NW 25th Street viaduct, Port Miami tunnel and FEC Railyard Entrance. Also, for visualization mapping of O/D and traffic data was provided. *Contact: Atkins, Jack S. Schenettler, (305) 514-3369*

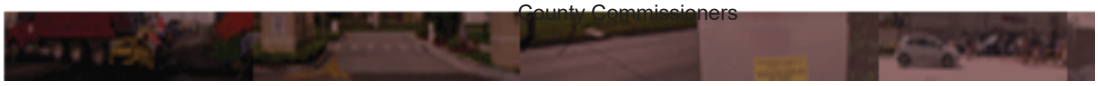
TSM&O MAP-21 Performance Measures, (2016) - Provided a methodology on using HERE Travel Time and Speed Data as a performance measure to monitor Florida State Highways' traffic condition on ArcGis and Google Earth. The final goal is to provide an automated online monitoring system to convert HERE Travel Time Data to a map showing highways selected performance measure. *Contact: Neil Lyn, (305) 470-5373.*

Miramar SW 148 Avenue Fire Station No. 84 (Corridor Study), (2016) - A corridor study, including sight distance analysis to improve safety and corridor/intersection level study to modify existing signal timing was conducted. As a part of study, traffic signal preemption was analyzed using SYNCHRO and adjustments to improve the existing preemption to serve emergency vehicles better were recommended. *Contact: Bissy Vempala, (954) 602-3320.*

SR5/US 1/Biscayne Blvd Corridor Study (Traffic Study), (2016) - Provided assistance in the preparation of Synchro network and phasing for existing 51 intersections of this project. *Contact: Tindale Oliver, Demian Miller, (813) 224-8862*

Reversible Lanes along Major Thoroughfares (Study), (2016-2017) - Prepared a methodology on how to use HERE database travel time of Miami-Dade County roads and highways to find eligible corridors for a reversible lane application. *Contact: Gannett Fleming, Carlos Cejas, (786) 845-9540.*

Downtown Miami Complete Street Project, (2016) - A member of consulting engineer team working on application of complete street scope on SW/SE 1st street existing conditions and feasibility analysis. In this project Mr. Lavasani modeled different scenarios for the desired corridor in downtown Miami to analysis the feasibility. *Contact: Miami DDA, FABIAN De La Espriella, (305) 379-6575.*





Juan P. Romero, E.I.
Traffic Engineer

Education/Training:
Bachelor of Science in Civil Engineering, Florida International University, Miami, FL, August 2010

Years of Experience:
Total 9 years
2012-Present - CALTRAN
2011-Schwebke, Shiskin & Associates
2010-MD County, Public Works, Traffic Engineering

Certifications:
Fundamentals 101, 102, and 103 (Distance Learning) TranStat RCI Intermediate Field Data Collection, FDOT 2013 | OSHA Certification, 2013 | Road Safety Assessments for Local Government, University of Florida T2, 2010 | AutoCAD Level 1, 2, 3 Certificates, 2008

Proficiencies:
RCI | TMC Balance Analysis | Auto CADD | Synchro8

Office Location:
Miami, FL

Professional Experience

Mr. Romero has been involved in various planning projects, studies and data collection projects. He is experienced in conducting various types of traffic studies including traffic counts, vehicle classifications, turning movement studies, speed studies, travel time and delay studies, parking studies, vehicle gap studies, and roadway characteristics inventory. Mr. Romero has been certified by FDOT to perform roadway characteristics inventory. He is responsible for the preparation of routes, schedules, maps, and all other materials required for field data collection.

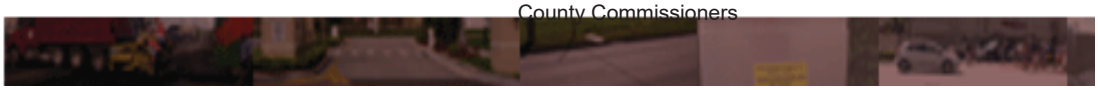
Mr. Romero has also elaborated engineering and construction cost estimates based on the Florida Department of Transportation basis and pay item information. He served as a liaison among agencies involved in a wide range of projects. He has design experience with MicroStation/AutoCAD to elaborate roadway designs that include signing and pavement marking, paving grading and water, sewer and drainage improvements.

Key Projects

Interstate 195 Corridor Planning Study, (2017–2018) - CALTRAN as participant of this project with limits from I-95 to Alton Road is in charge of all traffic data collection including big data evaluation (HERE, Bluetooth and Streetlight) for origin-destinations. Documentation of existing conditions, and support of operational analysis microsimulation model development, provides documentation for the Design Traffic Technical Memorandum. *Contact: Lorin Brissett/BCC, (954)928-1828.*

Iron Triangle NW 36th Street/NW 42 Avenue Interchange Feasibility Study, (2016-2018) - This project intends to provide alternatives for improvements at the interchange of SR 112/LeJeune Road/Okeechobee Road. As part of the tasks assigned includes evaluation of existing conditions, traffic data collection including big data evaluation for origin-destinations (HERE, Bluetooth and Streetlight), operational analysis microsimulation model development, provide documentation for the Design Traffic Technical Memorandum (DTTM). Conceptual improvements assessment for Tier 1 and Tier 2 including long and short term improvements. Provide final recommendations, assist in cost estimates and support in public involvement. *Contact: Ana Elias/Jacobs (954)246-1243.*

Golfview Market Place and Westview Logistic Center (2015-2017) Traffic analyses that entails the potential traffic impacts, short-term roadway and circulation needs identification, and the potential mitigation measures required to protect the public health, safety and welfare for the mobility of people and goods while preserving the functional integrity of the State Highway System. Analyses were performed through existing and proposed geometric conditions, traffic Data Collection, evaluation of existing and proposed Level of service. Support in access management variance application for median opening spacing evaluation standards, specified by Rule 14-97. CALTRAN was also assigned the signalization design improvements for the intersection of NW 119 and NW 24



Avenue. *Contact: Schwebke-Shiskin & Associates, John Tello, (954)-435-7010.*

FDOT D6, District Wide Freight and Logistics Consultant, C9D04, (2013-2018) - Traffic Engineer responsible for assisting FDOT D6 to evaluate freight plans, to develop freight strategies with the objective to incorporate within future or ongoing projects. Review and collect data related to freight project. Perform plans reviews. Perform audits to transit, airport and seaport projects and coordinate with District and private stakeholders as necessary. *Contact: FDOT, Dionne Richardson, (305) 470-5292.*

FDOT D6, Transportation Statistics #3, (2013-Ongoig) - Mr. Romero performs field data collection and record data for the Roadway Characteristics Inventory (RCI) and provides design assistance for new PTMS sites. *Contact: FDOT PM, Neil Lyn, (305) 470-5373.*

SunLife Stadium, MOT Engineering Plans, (2013-2019) - Provided assistance in the preparation of Maintenance of Traffic civil plans for a detour of traffic along the Turnpike Connections between Golden Glades and FL Turnpike Homestead extension during special event season. *Contact: Miami Dolphins Corporate Headquarters, Alan Riano, (305) 943-6501.*

FDOT D4, I-95 at PGA Blvd./Central Blvd. PD&E Study FM No. 413265-1-22-01, (2013) - Prepared TMC Balance Analysis; Synchro 8 files & outputs for existing conditions; Summary reports for traffic data collection;; Retrieve signal timing and crash data for all intersections; Assisted in the preparation of synchro files for all corridors for exiting conditions. *Contact: David Rivera, PE, (305) 670-2350.*

Traffic Impact Study and Civil Plan, Tavernier Towne Center, FL, (2015-2016) - Provided assistance in the preparation and reviewing of the traffic impact analysis for a Dunkin Donuts drive thru implementation in the shopping center. *Contact: Commodore Realty, Andy Freyre, (305) 365-2679.*

Traffic Study for Miramar Parkway & Palm Avenue Modifications, (2012-2013) - In charge of reviewing traffic data collected in order to prepare a traffic study that included turning movement counts on the intersection. Assisted in the signal design with roadway signing and pavement markings to implement modifications at the intersection of Miramar Parkway and Palm Avenue. *Contact: Schwebke-Shiskin & Assoc., John Tello, P.E. (954) 435-7010 & Sunbeam Properties, Inc., Scott Hodges, (954) 450-7900.*

Beacon Tradeport Community Development (Dolphin Mall) Traffic Circulation Improvement Master Plan, Miami, FL, (2012-2014) - Provided traffic-engineering assistance in order to complete a report that addressed the safety and traffic circulation concerns within the CDD, as well as development of innovative solutions to mitigate the present and future traffic conditions. Prepared a traffic simulation study utilizing Synchro8. *Contact: District Manager, Luis Hernandez, (954) 721-8681.*

Traffic Study for the Proposed Signal Modification Design Miramar Blvd Widening Project, Miramar, FL, (2012) - Assisted in the preparation of the traffic analysis in order to address concerns from Broward County that pertains to the need of stripping the new additional turn lane under the assumption of low volumes performing northbound and southbound left turn movements. Tasks included: evaluation of existing signal timing, traffic growth analysis, perform level of service analysis for existing and future traffic conditions. *Contact: Schwebke-Shiskin & Assoc., John Tello, P.E. (954) 435-7010 & Sunbeam Properties, Inc. Scott Hodges, (954) 450-7900.*

Leeward at Islands at Doral Gate and Street Closure Analysis, Miami, FL, (2011-2012) - Provided assistance in order to complete a study that includes a comprehensive assessment to identify needs, evaluate traffic impact, and provide recommendations to mitigate traffic intrusion due to the arrival and dismissal of students from R. W. Reagan Doral Senior High school. Task under this study included field observations, data collection and the development of conclusions and recommendations. *Contact: Allied Property Group, Inc., Jackie Perez, (305) 232-1579.*



Maynor Noguera
Engineering Technician

Years of Experience:
2017-present with CALTRAN

Certifications:
- Highway and Traffic Data Collection
- RCI
- Railroad Inspections
- Concrete Field Technical Level I
- Asphalt Paving Level I
- Earthwork Construction Inspection Level I
- Intermediate MOT
- FEC and CSX Roadway Worker Protection Contractor Safety

Professional Experience

Mr. Noguera performs mechanical counts yearly throughout District 6 and District 4 for the Florida Department of Transportation (FDOT): Counts include classification counts, volume counts, and speed counts. He also performed manual counts countywide throughout Monroe, Miami-Dade, Broward, Palm Beach, Martin, Indian River and St. Lucie such as: Turning movement counts, intersection delay study and stop sign delay study. Mr. Noguera has gained experience in the railroad arena through his involvement performing CEI to audit the rehabilitation of railroad crossings in FDOT District 6. He is certified in Railroad Worker Safety.

He also has experience in conducting various types of traffic studies including highway and traffic data collections, speed studies, travel time and delay studies, parking studies, vehicle gap studies, and Roadway Characteristics Inventory (RCI) based on the latest RCI manual.

Key Projects

FDOT D6, Districtwide Freight Logistics and Passenger Service OPS Consultant Services, Contract CD904, (2013-Ongoing) - Mr. Noguera served as technician performing the following general support tasks: Construction Engineering and Inspection (CE&I) to audit the rehabilitation of FEC's and CSX's railroad crossings in Miami, Florida. This task includes maintaining a log of all activities performed by the contractor within the construction area and supply an inspector/engineer during the scheduled time of construction. Additionally, Mr. Noguera provides a report of all activities and equipment used to the Department's Project Manager in order to ensure proper billing of materials, personnel and equipment, etc. *Contact: FDOT Dionne Richardson, (305) 470-5292.*

FDOT D6, Districtwide Transportation Statistics # 1 - Sr. Engineering Technician at CALTRAN (2011-Ongoing): Performs highway and traffic data collection services including turning movement, pedestrian and routine arterial counts. *Contact: FDOT D6- Neil Lyn (305)470-5373*

FDOT D6, Districtwide Transportation Statistics # 3 - Sr. Engineering Technician at CALTRAN (2015-Ongoing): Performed data collection services including turning movement & pedestrian counts and routine counts arterial. *Contact: FDOT D6, Neil Lyn (305)470-5373*

FDOT D4, Districtwide Statistics Data Collection & Analysis C9825 Sr. Engineering Technician at CALTRAN (2015-Ongoing): Responsible for performing traffic data collection studies along St. Lucie and Martin Counties. *Contact: FDOT D4 Project Manager: Kara Schwartz, (954)777-4364*

FDOT D4, Districwide Data Collection – Sr. Engineering Technician at CALTRAN (2005-Ongoing): Responsible for traffic counts, researching and recording data into the Roadway Characteristics databases, Straight Line Diagram (SLD), traffic counts, jurisdictional transfers and GIS services. *Contact: Autumn Young, (954) 777-4638.*



Years of Experience: 28

AREAS OF EXPERTISE

Project Management
Structures Design

EDUCATION

PhD, University of Miami, (1988)
M.S.C.E, University of Alabama (1983)
B.S.C.E. University of Alabama (1981)

REGISTRATIONS

Florida PE No. 44130

CERTIFICATIONS

FDOT Specifications Training

AVAILABILITY

75%

ASA CONSULTANTS

Soheila Sadough, PE

Senior Structures Engineer/Project Manager

Ms. Sadough's experience ranges the full spectrum of civil engineering. Her structures related experiences ranges from curved structural steel to precast post-tensioned concrete members. Her significant design contributions have encompassed all project phases, from preliminary design and Bridge Development Reports to final design, peer review, value engineering, and post design services. In addition, Ms. Sadough has served in the role of Project Manager and Engineer-of-Record for a multitude of high profile FDOT projects requiring the full gamut of considerations ranging from Major Highway/Interchange Design Projects to bridges over railroads, airports, and major Florida waterways. Ms. Sadough's comprehensive knowledge of FDOT design guidelines, criteria, and policies will minimize District staff review efforts. She is intimately familiar with the requirements to successfully and efficiently execute a project from start to finish and has a proven track record of managing projects of all sizes.

SR 9/I-95 Spanish River Blvd. Interchange Improvements Design-Build Project I FDOT D4 - This Design-Build project with Astaldi Construction provide access to and from NB and SB I-95 as well as Yamato Road to Spanish River Boulevard which will improve access to FAU campus and relieve traffic on the adjacent Glades Road & Congress Avenue Interchanges. The project requires extensive coordination with FAA, CSX and other local agencies. Ms. Sadough is Structures EOR & Project Manager responsible for all design and coordination with FDOT and the contractor during the various phases of plans preparation and is providing construction support services during construction. Contact: Ronald Wallace, PE, FDOT D4 (954)777-4641

I-4 Ultimate Design-Build Project I FDOT D5 - ASA, as a Subconsultant to A2B, is performing quality control of plans & design calculations for Area 2-Downtown bridges. Contact: Paul Steijen PE, A2B, 813-249-2220

MDX 836 Operational Capacity and Interchange Improvements I MDX - ASA serves as a sub to EAC. This project involves widening, reconstruction, milling and resurfacing along the 836 Corridor. ASA role on this project is assisting EAC with their structural review. Contact: Abid Hadrous, PE, EAC, 954-714-2000

SR 5/US-1 Bridge Replacement Design-Build Project I FDOT D4 - This Design-Build project with Johnson Bros. involved the replacement of four low level continuous cast-in-place deck bridges founded on pile bents with new FIB structures carrying US-1 over Lake Worth Creek in the town of Jupiter. The project involved phased construction to minimize disruption to vehicular, waterborne, and pedestrian traffic. Ms. Sadough was Project Manager responsible for all design and coordination with FDOT and the contractor during the design and provided construction support services. Contact: Henry Oaikhnena, PE FDOT D4 (954)-777-4445

SR5/US1 Reconstruction & Widening Design-Build Project I FDOT D4 - Ms. Sadough was the Structural Engineer of record for this design-Build project with Community Asphalt involving the replacement of existing bridges over FEC RR & Old Dixie Highway. Contact: Bob Forand, PE, BCC (954) 644-2533

SR836 Infrastructure Modifications for ORT East Section I MDX - Design build project with Condotti to provide the necessary infrastructure modifications to support the ORT conversion of SR 836 between NW 62nd Avenue and I-95 and all the civil work. As subconsultant to Jacobs, Ms. Sadough Performed peer review for the special wing gantry. Contact: Sybille Bayard, PE (305)645-3992

NW 25St. Viaduct, Miami-Dade County I FDOT D6 - Cost Savings Initiative for project located within the Miami airport Glide Path involving the change of drilled shaft to 24" prestressed Concrete piles & change of North Line canal bridge (2400 LF) to pipe culvert. Contact: Dari Vorce FDOT D6 (305) 640-7412

I-595 Reversible Lanes Design-Build project I FDOT D4 - As a subconsultant to AECOM on this high-profile $1.3B Design-Build project, Ms. Sadough led BHA's structural design effort. The extensive external coordination required with the design teams of the multiple adjacent Zones makes Ms. Soheila particularly adept at proactively resolving issues in full FDOT compliance within the condensed timeframes specific to the Design- Build arena. Contact: Saul Perez, P.E. (786) 556-3320

SR-9(I-95) Design-Build Bridge over Box Culvert South of 45th Street I FDOT D4 - This Design-Build project with Hubbard Construction Company involved the construction of new 60 foot single span Modified AASHTO girder bridge over an existing quadruple box culvert. Permit coordination was critical to this project, involving both the South Florida Water Management District and the North Palm Beach County Improvement District. Ms. Sadough was the Structural Project Manager responsible for all design aspects and construction support services during construction. Contact: Jim Hughes, FDOT D4 (954) 777-4419

SR 826/SR 836 Interchange Section 5 Design-Build I FDOT D6 - The SR 826 / SR 836 Interchange is a 4-level System-to-System Interchange with direct connectors that provide for traffic movements in all directions between the two expressways next to Miami International Airport. As subconsultant to BCC on this high-profile $558M Design-Build project, Ms. Sadough performed peer review of all Category 2 Structures including four high-level segmental ramp bridges. Contact: Danny Raymat, P.E. (305) 670-2350

I-95 / Palm Beach International Airport Interchange I FDOT D4 - Ms. Sadough was the Structural Project Manager responsible for all design aspects and construction support of a four level interchange with eight precast concrete segmental box girder bridges and six steel plate girder bridges over I-95 & CSX Railroad. Contact: John Danielson, PE (954)331-0195

Ft. Lauderdale/Hollywood International Airport Interchange I FDOT D4 - As prime design consultant on this $95M Design-Build project, Ms. Sadough served as Senior Bridge Engineer for the complete structural design and load rating of post tensioned pre-cast segmental box girder bridges traversing US-1 and the FEC Railway. Contact: John Danielson, PE (954)331-0195

Miami Intermodal Center (MIC) / Miami International Airport (MIA) Interchange I FDOT D6 - Developing Master Plan and Preliminary Roadway & Bridge Plans for this multi-billion dollar program comprised of both Airport and roadway services facilities. MIC is proposed to serve as a regional transportation hub as well as an extension of the Airport's ground transportation network. Contact: Ali Toghiani, P.E. (305) 714-4038

Sawgrass Expressway / National Car Rental Center (NCRC) Interchange I Turnpike - this new southbound ramp utilizes a flyover to connect the Panther's hockey arena directly to the Sawgrass Expressway prior to the toll plaza. The structure is a three span twin steel box girder system 525 feet in length and 40 feet wide. To establish the lowest bridge profile to accommodate a touchdown far enough in advance of the toll plaza, BHA provided a single pier substructure and cantilevered the twin steel box girders by the use of a cross girder of the same depth.

S.R. 934/ Hialeah Expressway I FDOT D6 - Ms. Sadough served as the Project Engineer providing design & construction assistance and shop drawing review. She performed the load rating (LRFR) of the bridges. Contact Mr. Jorge Rodriguez, P.E. (954) 928-1828

Bayou Chico Bridge Replacement (S.R. 292) I FDOT D3 - Three continuous spans 156'-240'-156' with 14 – FBT-72 segmental Bulb-Tee Beams (drop-in-beams) with special haunched sections at the supports. Ms. Sadough was the Project Engineer and Designer of the Superstructure.

Westbound Gandy Bridge I FDOT D7 - Continuous post-tensioned, Florida Bulb-T (FBT-72 drop-in-beams) with special haunched sections at the supports for the navigation and flanking spans. Ship impact criteria was developed by BHA, ship impact loading 240 kips at the lower approach spans to 2,400 kips at the navigational crossing. Dr. Sadough was responsible for channel unit design and adjacent units.

Structure "A" Over Tampa Bay I FDOT D7 - Three continuous post-tensioned, Florida Bulb-T (FBT-72 drop-in-beams) with special haunched sections at the supports for the navigation and flanking spans. Channel piers were designed to withstand ship impact loading of 300 kips. Dr. Sadough performed the Ship Impact analysis and worked in the design of the continuous post-tensioned unit analysis.

S.R. 100 Over Intracoastal Bridge (Replacement of Flagler Beach Bridge I FDOT D7 Segmental Bulb-Tee with Drop-In-Beams longitudinally post-tensioned. This bridge provides an east-west connection between U.S. 1 and S.R. A1A. This is a twin fixed high level structure 2,664 feet long, with a vertical clearance of 65 feet above mean high water at the Intercoastal Waterway. The navigation and flanking spans (3 spans continuous: 161'-230'-161') have been developed using Segmental Bulb-Tees, with special haunched sections at the supports. Ms. Sadough participated in the longitudinally post-tensioned analysis of the channel and approach spans units and designed the single column flared piers supported on prestressed concrete piles.



Years of Experience: 8

AREAS OF EXPERTISE

Project Management
Highway Design
Structures Design

EDUCATION

M.S.C.E, Florida International University (2012)

B.S.C.E., Florida International University (2011)

REGISTRATIONS

Florida PE No. 79134

CERTIFICATIONS

FDOT Specifications Training
FDOT Advanced MOT

AVAILABILITY

70%

ASA CONSULTANTS

Carlos Rodriguez, PE

Project Manager / Project Engineer

Mr. Rodriguez is a multifaceted individual with experience working with the public sector on major FDOT projects. His responsibilities include Design, Project Management, and preparation of construction documents for roadway and bridge projects. His highway design experience includes roadway geometry, signing and pavement marking, and signalization. His structures design experience encompasses both minor and major bridge structures as well as miscellaneous structures. In terms of Management experiance, he has served as a Deputy Project Manager/project coordinator on numerous projects and has also served as an in-house FDOT PM at District 4 (Consultant Management Sections 5 & 6). In that capacity, Mr. Rodriguez managed over 20 different projects for the department. He is intimately familiar with the FDOT internal processes and brings that knowledge as a consultant.

Golden Gates Estates 8th Street NE DB Project | FDOT D1 – (FM 431895-1) ASA is the prime on this DB with Bergeron. This project involves widening the existing road and a new bridge (using the developmental PSU beams) over the cypress canal. Mr. Rodriguez serves as ASA's deputy project manager and Engineer of Record for Roadway and Signing and Pavement Marking. Contact: Kevin Daugherty, PE, FDOT, 239-940-9541

SR 15 RRR | FDOT D4 – (FM 439843-1) ASA serves as a sub to Propel which invilves widening, milling and resurfacing and new guardrail along the project limits. Mr. Rodriguez was responsible for the Pavement Design. Contact: Maj Alam, PE, Propel, 561-866-5730

SR 934 at SR 5 Safety Project | FDOT D6 – (FM 440013-1) ASA is the prime consultant on this TWO which involved the reconfiguration of the west leg of the intersection, Milling & Resurfacing, and a new signal. Mr. Rodriguez was the Roadway & Signing and Pavement Marking EOR for the project. Contact: Auraliz Benitez, PE, FDOT D6, 305-470-5471

SR 5 at SW 112 Safety Project | FDOT D6 – (FM 439913-1) ASA is the prime consultant on this TWO which involved widening for an additional left turn lane, lane reconfigurations, Milling & Resurfacing, and a new signal. Mr. Rodriguez was the Roadway & Signing and Pavement Marking EOR for the project. Contact: Adriana Manzanares, PE, FDOT D6, 305-470-5283

SR 5 at Burton Dr Project | FDOT D6 – (FM 441974-1) ASA is the prime consultant on this TWO which the reconsfiguration of the intersection, widening, Milling & Resurfacing, and signing and pavement marking Mr. Rodriguez was the Roadway & Signing and Pavement Marking EOR for the project. Contact: Martin Fils-Amie, PE, FDOT D6, 305-470-5283

SR 826 Reconstruction Project | FDOT D6 – (FM 435760-2) ASA serves as a sub to EAC Consultants.The project includes the reconstruction of SR 826 to add managed lanes. Mr. Rodriguez serves as a project engineer on this project designing all the Noise Walls for this segment. Contact: Jagan Katkuri, PE, EAC, 954-714-2000

ITS Replacements DB Project | FDOT D6 – (FM 430291-1) ASA serves as a sub to the FRA/SICE DB team. This project involves replacing the existing DMS panels with new color DMS. ASA's role on this project was to analyze all the new and existing structures. Mr. Rodriguez serves as ASA's project manager and Engineer of Record for all the overhead structures. Contact: Amazia Kiboko, PE, FRA, 305-591-8777

US-1 & Palm Drive, Miami-Dade County | FDOT D6- (FM 405575-8) This 3R project consists of milling, resurfacing and widening to include an additional SB right turn lane as well as signalization improvements. Mr. Rodriguez serves as ASA's project manager and Engineer of Record for the structures sheets. Contact: Nour Shehadeh, PE, HSQ Group, 561-329-0221

MDX 836 Operational Capacity and Interchange Improvements I MDX – (Work No. 83628-030) ASA serves as a sub to EAC. This project involves widening, reconstruction, and resurfacing along 836. ASA's role on this project was as a reviewer on the MDX GEC B team. Mr. Rodriguez served as a reviewer for the D/B teams' submittals which included Retaining walls, S&PM plans and Structures Plans. Contact: Abid Hadrous, PE, EAC, 954-714-2000

SR 9/I-95 Spanish River Blvd. Interchange Project I FDOT D4 - (FM 412420-3) This project provides access to and from I-95 as well as Yamato Rd to Spanish River Blvd, improving access to FAU and the adjacent Glades Rd & Congress Avenue Interchanges. The project requires extensive coordination with FAA, SFRTA and other local agencies. Mr. Rodriguez serves as a Deputy PM/Project Engineer, responsible for assisting in all aspects of the design, coordination, and management. Among his many responsibilities were the analysis and design of all the misc. structures and assisting in the design of 4 bridges. His roadway related responsibilities included assisting in the design of the vertical and horizontal alignment of yamato road, he is the EOR for the Yamato TCP (Phase 1A), the design of MSE walls, and plans production. Contact: Ron Wallace, PE, FDOT D4, 954-777-4641

SR 5 | FDOT D4 – (FM 437834-1) ASA serves as a sub to JMT. This is a 3R project along SR-5/US-1/North Federal Highway from north of George Bush Boulevard to north of (canal) Murano Bay Drive in Palm Beach County. Mr. Rodriguez is responsible for performing the analysis of the exsting mast arms to include additional loads. Contact: Maverick Marshall, JMT, 407-833-9898

Bird Road PD&E | FDOT D6 – (FM 434845-4) ASA serves as a sub to Goal. This PD&E involves the study of the bird road corridor from the Turnpike to US 1. Mr. Rodriguez serves as ASA Project Manager and responsible for the Structures portion of the study. Contact: Godfrey Lamptey, PE, Goal, 786-600-3350.

SR 406, Brevard County I FDOT D5 - (FM 432399-1) ASA serves as a sub to Propel. This 3R project consists of milling and resurfacing of the existing pavement to extend the service life of the corridor, as well as general highway safety enhancements. Mr. Rodriguez serves as ASA's project manager and performed the analysis of the exsting mast arms for the additional proposed loads. Contact: Maj Alam, PE, Propel, 561-866-5730

I-4 Ultimate Improvements, Orange County I FDOT D5 - (FM 432193-1) ASA serves as a sub to A2B Engineering. This project involves the improvements and reconstruction along the I-4 corridor. ASA was responsible for the full QC of 3-15 Span bridges along the Church Street Viaduct. Mr. Rodriguez served as a structural reviewer and performed the QC for the bridge geometry as well as the the bridge calculations. Contact: Paul Steijen PE, A2B, 813-249-2220

Overseas Highway/SR 5, Monroe County I FDOT D6 - (FM 436344-1) ASA serves as a sub to Propel. The project consists of milling and resurfacing of the existing pavement to extend the service life of the corridor, as well as general highway safety enhancements. The project also includes widening to provide a bicycle lane keyhole (5' wide) adjacent to the 11' wide right turn lanes at Ohio Key, Little Duck key, and Veterans Memorial Park. Mr. Rodriguez' responsibilities included detailing plans to include bullet railing on the outside face of barrier wall. Contact: Maj Alam, PE, 561-866-5730

SW 8th Street ATMS Pilot Project, Miami-Dade County | FDOT D6- (FM 435506-1) ASA serves as a sub to the FRA/SICE DB team. This project involves deploying an InSync adaptive signal control technology (ASCT) system at 29 intersections along SR 90/US 41/SW 8 Street from SW 67 Avenue (east of SR 826/Palmetto Expressway) to SW 142 Avenue (west of SR 821/Florida's Turnpike). Mr. Rodriguez responsibilities included the analysis of the exsting mast arms for the additional proposed loads. Contact: Amazia Kiboko, PE, FRA, 305-591-8777

MDX ORT Gantry Modifications I MDX – (MDX Work No. 83631-030) ASA serves as a sub to FR Aleman. This project involves the retrofitting on the existing toll gantries at NW 97Av and NW 137 Ave along SR 836 in order to accommodate new tolling equipment. This meant including an adding an additional hanger bay for new equipment as well as a structural analysis to ensure the existing structure had enough capacity. Mr. Rodriguez served as ASA's Project Manager and structural designer for both gantries. He performed the structural analysis using STAAD and similar software and provided the plans and details required to retrofit the structure. Contact: Amazia Kiboko, PE, FRA, 305-591-8777

SR 715, Palm Beach County I FDOT D4 - (FM 428722-1) The project involves milling, resurfacing, and reconstruction along SR 715. Mr. Rodriguez' responsibilities included roadway design support and Signing & pavement marking design support while with BHA/Aztec. Currently, ASA serves as a sub to Aztec for post design services and technical support where Mr. Rodriguez served as ASA's Project Manager responsible for the post design services. Contact: Kenzot Jasmin, PE, FDOT D4, 954-777-4462

SR 858, Broward County I FDOT D4 - (FM 428733-1) This project involves milling, resurfacing, widening and the addition of drainage structures along SR 858. Mr. Rodriguez' responsibilities included Temporary Sheet Pile design which included analyzing the active and passive soil pressures as well as the traffic surcharges in order to determine the minimum tip elevations for the wall and whether we needed to use a cantilever or anchored wall. Once this was determined, a shoring program was used to design the sheet piles section modulus and moment of inertia. Contact: Adebayo Coker, PE, HBC Engineering, 305-232-7932

I-595 Corridor Roadway Improvements I FDOT D4 - As a sub-consultant to AECOM on this high-profile $1.3B Design-Build project, FRA served as the designers for the ITS Infrastructure which included design of conduit system for ITS Devices, Electronic Toll Collection (ETC) and power system to all ITS components that supports traffic management and operations of the general purpose and express lanes. This network included subsystems for Reversible Express Lane Access Control, CCTV, DMS, HAR, MVDS, & ETC infrastructure. Mr. Rodriguez served as a Transportation Design Engineer, part of the team responsible for the ITS Infrastructure design. Contact: Saul Perez, PE, AECOM, 786-556-3320



BO QIAN, P.E., IMSA III
Principal ITS Engineer

Education
M.S. Computer Science
Florida Atlantic University, 2003

Graduate Courses
University of California, Los Angeles, 1997

M.S. Civil Engineering
University of Connecticut, 1995

B.S. Civil Engineering
Southeast University, 1992

Professional Certifications
Professional Engineer - Civil
Florida, No. 66018
03/23/2007

FDOT Advanced MOT
Cert.# 45599

IMSA Signal Tech III
Cert.#CE_125487

Microsoft Certified
Professional (MCP#2780612)

Employment History
Eland Engineering
Gannet Fleming
HNTB Corporation
Parsons Brinckerhoff

Location
3323 W. Commercial Blvd.
Suite 110
Ft. Lauderdale, FL 33309

Mr. Qian is the principal and founder of Eland Engineering. He has 23 years of experience in project management, engineering, planning, design, construction and maintenance in Intelligent Transportation Systems (ITS). His project experience includes:

ITS Maintenance (Interstate and Arterial Management System), Broward County, Contract No. BDY36, FDOT D4 – Principal in Charge responsible for resource assignment, and QA/QC for safety management, Standard Operating Guidelines (SOG), Standard Operating Procedures (SOP), budget analysis, maintenance forecast, development of project management plans (PMP), hurricane/emergency response plans, and inventory management. **7/2014 – current (Reference: Jessica Blum, FDOT D4 ITS Maintenance Manager, 954-847-2785)**

FTE ITS Maintenance South, 170 miles, Florida's Turnpike Enterprise – Principal in Charge responsible for resource assignment, and QA/QC for safety management, budget analysis, maintenance forecast, development of project management plans (PMP), hurricane/emergency response plans, and inventory management. *08/2016-current (Reference: Derek Quallo, ITS Maintenance Contract Manager – Jacobs, 954-547-0192)*

Traffic Signal Retiming, Broward and Palm Beach County, FDOT D4- Principal in Charge responsible for providing oversight of all work performed under this contract, recommends changes, reviews progress, and approves work products for the TSM&O Program, ensures that in house staff is properly trained and continually receiving training in the areas of active arterial management, and assists in developing operating procedures for Intelligent Transportation Systems (ITS) and Advanced Transportation Management Systems (ATMS). *02/2016-current* **(Reference: Allison Glunt, FDOT D4 Project Manager, 954-777-4375)**

District Wide ITS Technical Support Consultant, *FDOT D4* **–** Project Manager responsible for all major ITS projects / initiatives for D4 ITS program in various aspects of planning, design, system integration, construction, operations, and maintenance. Key accomplishments include authoring over 30 RFP packages, for a total of approximately $180 million of construction values in ITS infrastructures, to support extensive rollout of ITS and express lanes deployment projects, and the development of various standard operating guidelines (SOG) and technical documents for ITS planning, design, construction, operation and maintenance. *11/2006 – current (Reference: Daniel Smith, FDOT D4 ITS Operations Manager, 954-847-2785)*

I-75 Express Lanes, Segment A, B, C, D & E, Broward and Miami-Dade Counties, 15 miles, *FDOT D4, D6 & FTE* – Consultant ITS lead responsible for the development of the corridor wide ITS Master Plan and technical functional requirements, assisting the bid proposal review, providing post design support, and providing coordination with D4, D6 and FTE in reviewing and recommending responses to the request for information and project submittals. *12/2011 – current (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

I-95 Express Lanes Phase II, Broward & Miami-Dade Counties, 15 Miles, FDOT D4, D6 & FTE – Consultant ITS Lead responsible for developing the ITS technical functional requirements for design- build, integration, testing and training of I-95 Managed Lanes project Phase II. *8/2007 – 12/2016 (Reference: Donovan Pessoa, P.E., FDOT D4 Consultant Management, 954-777-4442)*

ATCS and ITS PGA Boulevard Design in Palm Beach County, FDOT D4 – ITS Senior Project Engineer responsible for ATCS and fiber optic communication network subsystem, CCTV cameras, MVDS, Power subsystem, DMS and Adaptive Traffic Control System. *9/2015 – current (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

ATMS and ATCS Pines Boulevard in Broward County, FDOT D4 – ITS Senior Project Engineer responsible for developing the ITS technical functional requirements for design-build, integration, testing and training of ATMS/ATCS fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Microwave Vehicle Detection system (MVDS), Bluetooth vehicle detection, Dynamic Message Sign (DMS) subsystem and Adaptive Traffic Control System. *10/2015 – current (Reference: Auraliz Benitez, P.E., FDOT D4 Consultant Management, 954-777-4346)*

I-95 Ramp Metering Feasibility Study, Broward & Palm Beach Counties, 24 miles, FDOT D4 – Task Manager responsible for the evaluation and recommendation of the detection technology, CCTV analysis, signal controller and cabinet, software and algorithm, and communication infrastructure and equipment for the ramp metering applications. Also responsible for the development of 30% conceptual layout plans for each selected ramp metering location. *11/2012 – 5/2014 (Reference: Daniel Smith, FDOT D4 ITS Operations Manager, 954-847-2633)*

I-595 Public Private Partnership (PPP) Project, Broward County, 10.5 Miles, FDOT D4 – Consultant ITS lead responsible for developing the ITS Master Plan and technical requirements for the design, construction, operation and maintenance of I-595 ITS to support transportation management and operations of express lanes and the general-purpose lanes on I-595 corridor. As part of this $1.7 billion I-595 widening and reconstruction project, I-595 ITS includes a fiber optic communication network subsystem, a Reversible Express Lanes Access Control subsystem, a CCTV subsystem, a DMS subsystem, a MVDS subsystem, and an ETC subsystem. *11/2007 - 2/2010 (Reference: Paul Lampley, P.E., FDOT D4 Project Manager, 954-845-9552)*

Palm Beach County I-95 ITS Design-Build, Palm Beach County, 38 Miles, FDOT D4 - Consultant Project Manager responsible for developing the complete bid package for this $24 million ITS design-build project, including the development of scope of service, technical specifications, scheduling and engineering and construction cost estimate. *5/2007 – 8/2011 (Reference: Dong Chen, former FDOT D4 ITS Manager, 954-847-2785.)*

I-75 Alligator Alley ITSS Project, Broward and Collier Counties, 75 Miles, FDOT D4 & D1 - ITS Consultant responsible for developing the Concept of Operations and ITS technical functional requirements for design- build, integration, testing and training of this $4.2 million ITS design-build project, which includes the design, integration and construction of 9 speed warning system and 7 fog detection system along the I-75 corridors in Broward and Collier Counties. *8/2009 – 12/2014 (Reference: Tony Mendoza, former FDOT D4 ITS Maintenance Manager, 954-448-0649)*

I-95 ITS, Northern 3 Counties of Martin, St. Lucie, & Indian River, 71 Miles, FDOT D4 – Consultant Project Manager responsible for developing the complete bid package for this $26 million ITS design-build project, including developing the scope for the request of proposal, technical specifications, scheduling and engineering and construction cost estimate, reviewing the bid proposals and recommending the selection criteria; oversight of the construction management, reviewing and recommending responses to the request for information (RFI) and project submittals from contractors. *1/2007 - 12/2010 (Reference: Dong Chen, former FDOT D4 ITS Manager, 954-847-2785)*

Freeway Ramp Traffic Detection System, Broward County, 100 Miles, FDOT D4 – Project Manager and Engineer of Record (EOR) for all aspects of the design for Microwave Vehicle Detection Station (MVDS) project for the ramps covering 100 miles of the freeway in Broward County. Tasks included the preparation of ITS construction plans, technical specifications for subsystems and components, engineer cost estimate and construction schedule and preparation of ITS integration plan and with SunGuide TMC Software. *8/2008 - 6/2009 (Reference: Dong Chen, former FDOT D4 ITS Manager, 954-847-2785)*

I-75 /I-595 ITS Deployment Phase I & II CEI, Broward County, FDOT D4 – Senior Project Engineer responsible for directing this $18 million highly complex and specialized construction engineering administration and inspection program; responsible for all aspects of the design, integration and construction of 50 miles new fiber optic backbones, 98 CCTV cameras, and 238 MVDS along the I-75/I-595 corridors; plans and organizes the work of subordinate and staff members; develops and review policies, methods, practices, and procedures and review programs for conformance with Department standards. *6/2004 - 11/2006 (Reference: Dong Chen, former FDOT D4 ITS Manager, 954-847-2785)*



Stephen Shreve, PE, IMSA II
Senior ITS / Signal Engineer

Education
M.S. in Civil Engineering
University of Tennessee,
1998

B.S. in Civil Engineering
University of Pittsburgh, 1996

Professional Certifications
Professional Engineer - Civil
Florida, No. 62862
5/31/2005

IMSA Traffic Signal Level II
No. BE_119309

FDOT MOT Intermediate
No. 28924

Employment History
Eland Engineering, Inc.
7/2016 - current

Palm Beach County
Government
06/2003 – 7/2016

LAI, Marietta, GA
6/1999 - 5/2003

Location
3323 W. Commercial Blvd
Suite 110
Ft. Lauderdale, FL 33309

Mr. Shreve serves as Senior ITS/Traffic Signal Engineer for Eland Engineering. He brings 20 years of in-depth knowledge and hands-on experience of signal timing, signal controllers, ATMS, ACST, InSync, TSP & EVP, BlueTOAD, and AAM. He has retimed over 1000 traffic signal throughout his professional career. His experience includes 13 years with Public Maintenance Agencies in managing day-to-day operation of traffic signals, Traffic Management Center (TMC) operations, Intelligent Transportation Systems (ITS) deployments, Advanced Traffic Management System (ATMS) installations, Transportation System Management & Operations (TSM&O) Program, Incident Management, inter-agency coordination, citizen requests, traffic signal studies, and consultant coordination. Mr. Shreve is highly proficient with traffic controllers, ATMS.now software, Synchro, SImTraffic, Tru-Traffic, InSync and Highway Capacity Software (HCS) 2010.

Districtwide Traffic Signal Retiming Continuing Service, Broward and Palm Beach County, FDOT D4- Traffic Signal/ITS Engineer responsible for reporting monthly performance results in the areas of delay savings, fuel savings, emissions reduction, number of signal timing changes, event information, and other information requested by the Department to the Arterial Management Program Operations staff, prioritize and submit for the Department, BCTED and PBC approval the candidate locations/ segments for dynamic signal retiming plans and other types of retiming plans, collect existing physical data for SYNCHRO base model and condition diagrams, develop design turning movement counts, code SYNCHRO simulation of existing conditions, develop timing improvement recommendations, develop signal timing plans and program into signal system software for implementation , develop performance thresholds for TMC Operators to activate and deactivate signal timing plans, fine tune timing plans in the field, and Agency Coordination. *07/2016-current* **(Reference: Allison Glunt, FDOT D4 Project Manager, 954-777-4375)**

Districtwide TSM&O Traffic Signal Retiming Continuing Services, FDOT D5 – Senior Traffic Signal Engineer responsible for traffic signal warrant studies, intersection analysis, arterial corridor analysis, traffic signal retiming, signal inspection, signal retming field implementation, travel time and delay studies. **08/2017 – current (Reference: Richard Atta-Armah, P.E., HDR Traffic Section Manager, 407-420-4109)**

District Wide ITS General Consultant, Broward County, FDOT D4 - Senior ITS Engineer that provides support for all major ITS projects / initiatives for D4 ITS program, in various aspects of planning, design, system integration, construction, operations, and maintenance. The ITS elements include electrical power systems, fiber optic communications, solar systems, ramp metering, full color Dynamic Message Signs (DMS), Detection Control Systems (DCS), Road Weather Information Systems (RWIS), Highway Advisory Radio (HAR), Electronic Toll Collection (ETC), Closed Circuit Television (CCTV), Microwave Vehicle Detection Stations (MVDS), Integration and Testing. *07/2016 – current (Reference: Dong Chen, FDOT D4 ITS Manager, 954-847-2785)*

Palm Beach County Engineering Department, Palm Beach County, FL - *Signal Systems Operations Engineer (***6/2003 – 7/2016), responsibilities included:**

Signal & System Timing Operations - Manage a team of traffic engineers and engineering technicians responsible for design and implementation of traffic signal & system timing plans for 1100 plus traffic signals; implement signal timing and retiming projects for isolated and coordinated signal system networks; interact with the traffic operations staff concerning operation of signals, construction, striping and signing projects; handle citizen requests and provide inter-agency coordination. Review signalization plans for conformance with local, state, and federal guidelines.

Schedule signal warrant studies & safety studies, evaluate results and recommend measures for enhanced safety and traffic flow.

ITS Communications System Management – Project lead for design and installation of the ITS communications system to support the TMC and ATMS deployments in the County, which included 500 plus miles of fiber optic communications system connecting traffic signals, CCTVs, video intersection detection systems, and BlueTOADs.

Traffic Management Center (TMC) Operations - Supervised day to day functioning of the FDOT – Palm Beach County combined regional TMC; monitor central traffic control activities including traffic surveillance, accident/incident verification, and provide detour planning and implementation; monitor traffic signal operation of 800 plus signals online with ATMS.now system, 130 plus CCTVs, and 36 BlueTOADs; manage funding and maintenance contracts.

Signal Design & Construction - Responsible for design and installation of traffic signals in the county; review signal design plans, consultant studies, signal phasing modifications, and field inspections.

Adaptive Traffic Control System (ATCS): Project Lead on a FDOT Design-Build project for the deployment of In-Sync ACTS for 11 traffic signals in over 1.5 miles in West Palm Beach downtown and 14 traffic signals on Northlake Blvd, including MVDS and BlueTOAD systems.

Advanced Traveler Information System (ATIS): Project Lead on a FDOT Design-Build project for the deployment of ATIS over 10 miles stretch on SR 80 with arterial DMS signs, MVDS, CCTV and BlueTOAD installations.

Traffic Signal Priority (TSP): Project Lead on a Design-Bid-Build project to install TSP System for PalmTran bus routes and integrate with the ATMS.now signal system.

Fire Priority System: Project Lead for the implementation of Emergency.now, a server based emergency response system, for the countywide Fire Priority system.

Transportation System Management & Operation (TSM&O) Program - Signal System Engineer involved with FDOT D4 TSM&O project included implementing active arterial management strategies for a core area in Palm Beach County for 76 traffic signals over 33 project miles; collect Travel-Time and Speed data in real-time to identify problems in traffic flow utilizing an array of tools such as Bluetooth travel-time systems, CCTVs, Waze Traffic, INRIX, etc., and implement appropriate signal timing strategies to recover capacity loss due to accidents, congestion or lane blockages; incorporated a process to estimate benefit/Cost from active arterial management practices.





Nicholas Junqueira Hevia, PE, IMSA I
Traffic Signal Engineer

EDUCATION

BS/2012/Civil Engineering/University of Florida

PROFESSIONAL REGISTRATIONS

Professional Engineer Florida #85741,

Professional Engineer Alabama #37557

2015 / FDOT Intermediate Maintenance of Traffic Certification / Florida #11612

IMSA Signal Technician Level I /#AA_114860

WORK HISTORY

- Eland Engineering, Inc.
- AECOM Technical Services, Inc.

LOCATION

3323 W. Commercial Blvd
Suite 110
Ft. Lauderdale, FL 33309

Nicholas is a Traffic Signal Engineer for Eland Engineering. He has 7 years of experience for a variety of traffic engineering projects including traffic signal retiming, traffic operations and safety analysis and studies, interchange improvements, access management, neighborhood traffic calming, site impact studies, and minor roadway design. He is familiar with various software packages, including ATMS.now, Synchro 9, highway capacity software 2010, VISSIM, MicroStation. Project expereince includes:

Districtwide Traffic Signal Retiming Continuing Service, Palm Beach County, FDOT D4- Traffic Signal/ITS Engineer responsible for reporting monthly performance results in the areas of delay savings, fuel savings, emissions reduction, number of signal timing changes, event information, and other information requested by the Department to the Arterial Management Program Operations staff, prioritize and submit for the Department, BCTED and PBC approval the candidate locations/ segments for dynamic signal retiming plans and other types of retiming plans, collect existing physical data for SYNCHRO base model and condition diagrams, develop design turning movement counts, code SYNCHRO simulation of existing conditions, develop timing improvement recommendations, develop signal timing plans and program into signal system software for implementation , develop performance thresholds for TMC Operators to activate and deactivate signal timing plans, fine tune timing plans in the field, and Agency Coordination. *11/2017-current* **(Reference: Allison Glunt, FDOT D4 Project Manager, 954-777-4375)**

Traffic/Transportation Engineer, AECOM – Nicholas was an ITS Lead responsible for creating Interchange Concept Development Repots for 16 interchanges in Broward County under the I-95 Express Lanes Phase 3A Project. Other tasks included running simulation runs for developing Arterial LOS and using data from Synchro and Sim Traffic to complete the traffic analysis report. He utilized a traffic engineering software such as Synchro 9, Highway Capacity Software (HCS), SimTraffic and VISSIM to model freeway, corridor and intersection traffic flow in order to determine the Level of Service (LOS) of existing facilities and to propose geometrical improvements that result in better LOS by reducing congestion and improving safety. He was also involved in the districtwide traffic operation studies that required coordinating data collection efforts and processing and analyzing field data to develop traffic engineering reports/studies such as intersection qualitative assessments, signal warrant analysis, left-turn phase warrant analysis, and access management analysis. Nicholas supported Monroe County by using trip generation rates based on the Institute of Transportation Engineers (ITE) manual to approximate the amount of traffic a new site development would accrue and ensure that the additional traffic will not exacerbate the LOS on US 1/Overseas Highway.

Intern, Miami Dade County –as an Intern Nicholas used Kimley-Hom Intelligent Transpiration System software for optimizing traffic signal timing and operation from Miami-Dade County. Nicholas updated signalization plans, traffic signal timing and SOP files as well as performing field observations to help identify timing issues

Student Assistant, Florida International University – as a student Nicholas collected travel time data for calibrating the Dynamic Message Signs located on the Palmetto Expressway (SR-826), I-75, SR-112 and I-95.



Rossi Gaudio, P.E., IMSA II
Senior ITS Engineer

Education
M.S.C.E, Florida International University, 08/2006-12/2008

B.S. Applied Mathematics
Alderson-Broaddus College
08/2001-05/2005

Professional Registrations
Professional Engineer – Civil, Florida, No. 81659
08/29/2016

IMSA Field Traffic Signal Level II No. BE_117262

FDOT Advanced MOT, Cert. No. 45416

Employment History
Eland Engineering, Inc.
07/2016 - current

AECOM Technical Services, 9/2009 –07/2016

Lehman Transportation Center
8/2006 – 9/2009

Location
3323 W. Commercial Blvd
Suite 110
Ft. Lauderdale, FL 33309

Mr. Gaudio is a Senior ITS Engineer for Eland Engineering. He brings over 10 years of experience in project management, planning, design, construction, operation and maintenance in ITS. Mr. Gaudio possesses strong knowledge of the FDM, TDH, the NTCIP and other design standards. He has worked on numerous Express Lanes design projects as well as other ITS design projects for multiple FDOT Districts, including serving as project manager and ITS Engineer of Record (EOR) for projects such as the SR 826/Palmetto Expressway East-West Express Lanes Segments 1 & 3 for FDOT D6, SR 25 Roadway Widening for D6, US 27 Safety Improvements for FDOT D4, I-95/Indiantown Interchange design For D4, Palm Beach County (PBC) ITS improvements for D4, and two (2) FTE ERCAR projects. He is also the lead ITS engineer for I-95 Express Phase 3 ITS RFP development and post design support for D4. Additionally, Mr. Gaudio also led Traffic Incident Management (TIM) efforts in FDOT D6 for the Motorist Assistance/Incident Management Service Patrol units that patrol the I-95 Express Lanes in Miami-Dade County. He was also responsible for a comprehensive number of tasks including:

SR 826/PALMETTO EXPY FROM I-75 TO N.OF CANAL C-8 BRDG (APPROX NW 162ST) (MP 14.972 to MP 16.854), 435760-1-32-01, Miami Dade County, FL, FDOT D6 – ITS Engineer of Record responsible for ITS system design for this continuation of the SR 826/Palmetto Express Lanes. The tasks for the project include design of the fiber optic communication network subsystem, CCT, MVDS, DMS, and Ramp Signaling. *8/2017 – current (Reference: Raul Quintela, P.E., FDOT D6 Project Manager, 305-470-5271)*

SR 826 / PALMETTO EXPY. from East of NW 67 AVE to East of NW 57 AVE (MP 18.117 / to MP 19.08), 435760-3-32-01, Miami Dade County, FL, FDOT D6 – ITS Engineer of Record responsible for ITS system design for this continuation of the SR 826/Palmetto Express Lanes. The tasks for the project include design of the fiber optic communication network subsystem, CCTV, MVDS, Ramp Signaling, and Tolling and DMS. *10/2016 – current (Reference: Raul Quintela, P.E., FDOT D6 Project Manager, 305-470-5271)*

I-95 Express Lanes, Phase III, 433109-6-62-01, Broward County, FL, FDOT D4 – ITS Engineer responsible for providing post design services which includes: assisting in the development of the Corridor ITS Master Plan, Request for Proposal (RFP) development, ITS and toll technical functional requirements, review and responses to Request for Information (RFI) and shop drawing review, testing plans review and general TRC support. *7/2016 - current (Reference: Robert Bostian, P.E., FDOT Project Manager, 954-777-4427)*

I-95 Express Lanes Phase II, Broward & Miami-Dade Counties, 422796-1-52-01/422796-2-52-01, FDOT D4 – ITS Engineer responsible for providing post design services, providing D4, D6 and FTE with plans review, RFI and shop drawing review, system integration and testing plans review. *07/2016 – 10/2017 (Reference: Donovan Pessoa, P.E., FDOT D4 Consultant Management, 954-777-4442)*

SR 25/Okeechobee Road from West of NW 138 Street to East of NW 107 Avenue, 443645-1-52-01, Miami-Dade County, FDOT D6 - ITS Engineer of Record for the project. This project consists of design and new construction of ITS infrastructure, closed circuit television (CCTV) Cameras, Microwave Vehicle Detection System (MVDS), Bluetooth Devices along the project corridor. *10/2016 – current (Reference: Ana Arvelo, P.E., FDOT D6 Project Manager, 305-470-5210)*

Intelligent Transportation Systems (ITS) Operations, BDJ68, Miami-Dade and Monroe Counties, FDOT D6 – ITS Traffic Analyst that provided support for Traffic Incident Management, Ramp Signaling, and Express Lanes Operations

and management in FDOT District Six. Mr. Gaudio was also responsible for managing multiple contracts associated with Florida Department of Transportation (FDOT) District Six Intelligent Transportation Systems (ITS) Operations contract, which included the Road Ranger (Service Patrol), Automatic Vehicle Location (AVL), 800 MHz Radio, and Rapid Incident Scene Clearance (RISC) contracts. He led all Traffic Incident Management (TIM) meetings, activities and operations, under the supervision of the client and management. Mr. Gaudio also assisted in Scope of Services development for the various contracts mentioned above. Responsibilities also included conducting traffic studies and analysis in FDOT District Six, primarily using roadway detector data in Miami-Dade County to analyze Express Lanes toll rate raises and Express Lanes delta table changes which controlled the raise/lowering in toll rates as traffic density within the Express Lanes changed. *(Reference: Javier Rodriguez, P.E., FDOT D6 Operations, 305-640-7307)*

District Wide ITS General Consultant, 415529-3-82-01, Broward County, FDOT D4 – ITS Engineer responsible for miscellaneous ITS Design Services: Replacement Project of ITS Equipment along I-95/I-75/I-595, I-95 St. Lucie County Widening ITS Project, I-95 Ramp Metering Study Project, I-95 Atlantic Avenue Project, I-95 Spanish River Interchange Project, SR25/US27 ITS Project, and US 27 VSLS Project. *07/2016 – current (Reference: Daniel Smith, FDOT D4 ITS Manager, 954-847-2785)*

Fiber Optic Communication Cable for Various Locations in Palm Beach County, 436897-1-52-01, Palm Beach County, FDOT D4 – ITS Engineer of Record for the project. The scope of this project consists of installing fiber optic lines to connect 33 traffic signals. Also, three local hub sites and six closed circuit televisions (CCTVs) will be installed. These intersections, CCTVs and hub sites will be connected to the traffic management center to improve the functionality of the ATMS network. *6/2017 – current (Reference: Alexander Estrada, P.E., FDOT D4 Project Manager, 954-777-4319)*

Existing Roadway Conditions Assessment Report in Osceola County, MP 235.0-227.0, Florida's Turnpike Enterprise – Engineer of Record for the ITS elements of the final report. Performed Quality Control of field data collection of ITS infrastructure and each draft submittal for submission with other roadway elements for final report. *08/2018 – current (Reference: Jason Christopher, P.E., Project Manager – HNTB, 407-264-3633)*

Existing Roadway Conditions Assessment Report in Lake County, MP 288.7-297.7, Florida's Turnpike Enterprise – Engineer of Record for the ITS elements of the final report. Performed Quality Control of field data collection of ITS infrastructure and each draft submittal for submission with other roadway elements for final report. *04/2018 – current (Reference: Jason Christopher, P.E., Project Manager – HNTB, 407-264-3633)*

Blue Heron Blvd Lighting Retrofit Design, 440079-1-52-01, Palm Beach County, FDOT D4 **–** Lighting Engineer of Record for the project. The elements of work for this task work order is to retrofit intersection lighting for intersections of Blue Heron Blvd with Military Trail, Garden Rd and Congress Ave, which includes field review, preparing photometric analysis of each intersection, and development of final construction plans for these three (3) intersections. Responsible for the design, and he was responsible for conducting field review, photometric evaluation and developing the final lighting plans. *6/2017 – current (Reference: Binod Basnet, P.E., FDOT D4 Project Manager, 954-777-4146)*

Lighting Retrofit Design, 440080-1-52-01, Military Trail from Shiloh Dr. to Burns Rd in Palm Beach County, FDOT D4 – Lighting Engineer of Record for the project. The elements of work for this task work order is to retrofit intersection lighting for intersections of along Military Trail from Shiloh Dr. to Burns Rd in Palm Beach County, which includes field review, preparing photometric analysis of each intersection, and development of final construction plans for following eleven (11) intersections. Responsible for the design, and he was responsible for conducting field review, photometric evaluation and developing the final lighting plans. *6/2017 – current (Reference: Binod Basnet, P.E., FDOT D4 Project Manager, 954-777-4146)*

Lighting Retrofit Design, 441381-1-52-01, SR 845/Powerline Road with NW 59 CT, Broward County, FDOT D4 – Lighting Engineer of Record for the project. The elements of work for this task work order is to retrofit intersection lighting for intersection of Powerline Road with NW 59 CT in Broward County, which includes field review, preparing photometric analysis of each intersection, and development of final construction plans for one (1) intersection. Responsible for the design, and he was responsible for conducting field review, photometric evaluation and developing the final lighting plans. *6/2017 – current (Reference: Raul Dominguez, P.E., FDOT D4 Project Manager, 954-777-4061)*



CHRISTOPHER J. HARSH, IMSA II
ITS Engineer

Education
Master in Business Administration (in progress), University of Phoenix

B.S. Management (Honors), University of Phoenix, 2008

A.S. Drafting and Design, Palm Beach State College, 1994

Professional Certification
FDOT MOT – Intermediate, Cert. # 42290

IMSA Traffic Signal Technician Level I & II Cert. # AA_125486

Work History
Eland Engineering, Inc.

InfraSource (a Quanta Services Company)

South Florida Water Management District

Location
3323 W. Commercial Blvd.
Suite 110
Ft. Lauderdale, FL 33309

Mr. Harsh has 23 years of experience in project management, engineering, planning, design, construction and maintenance. Chris has a long history of successful planning and collaborating with government agencies, engineering companies and subcontractors on ITS projects ranging from $4M to $50M. He has a proven ability in Federal and State regulations, permitting, and inspections for projects in Florida and throughout the Eastern United States. In addition, he has deep knowledge of all aspects of project management and project controls including design, construction forecasting, trending, cost analysis, budget adherence, scheduling, along with supervision of employees. Some of Mr. Harsh's professional experience includes:

ITS Maintenance (Interstate and Arterial Management System), Broward County, Contract No. BDY36, FDOT D4 – Project Manager responsible for daily project management for this contract, including resource assignment, supervision of maintenance staff, safety management, Standard Operating Guidelines (SOG), Standard Operating Procedures (SOP), budget analysis, maintenance forecast, development of project management plans (PMP), hurricane/emergency response plans, and inventory management. **7/2014 – current (Reference: Jessica Blum, FDOT D4 ITS Maintenance Manager, 954-847-2785)**

Traffic Signal Retiming, Broward and Palm Beach County, FDOT D4- Project Manager responsible for providing oversight of all work performed under this contract, recommends changes, reviews progress, and approves work products for the TSM&O Program, ensures that in house staff is properly trained and continually receiving training in the areas of active arterial management, and assists in developing operating procedures for Intelligent Transportation Systems (ITS) and Advanced Transportation Management Systems (ATMS). **02/2016-current (Reference: Allison Glunt, FDOT D4 Project Manager, 954-777-4375)**

I-95 Express Lanes Phase II, Broward & Miami-Dade Counties, 15 Miles, FDOT D4, D6 & FTE – ITS Lead responsible for providing post design services, providing D4, D6 and FTE with plans review, RFI and shop drawing review, system integration and testing plans review. **10/2011 – current (Reference: Donovan Pessoa, P.E., FDOT D4 Consultant Management, 954-777-4442)**

District Wide ITS General Consultant, Broward County, FDOT D4 - Miscellaneous ITS Design Services: SR80 Hooker Highway Safety Improvements, Replacement Project of ITS Equipment along I-95/I-75/I-595, I-95 St. Lucie County Widening ITS Project, I-95 Ramp Metering Study Project, I-95 Atlantic Avenue Project, I-95 Spanish River Interchange Project, SR25/US27 ITS Project, and US 27 VSLS Project. The design elements include electrical power systems, fiber optic communications, solar systems, ramp metering, full color Dynamic Message Signs (DMS), Detection Control Systems (DCS), Road Weather Information Systems (RWIS), Highway Advisory Radio (HAR), Electronic Toll Collection (ETC), Closed Circuit Television (CCTV), Microwave Vehicle Detection Stations (MVDS), Integration and Testing. **10/2011 – current (Reference: Daniel Smith, FDOT D4 ITS Operations Manager, 954-847-2785)**

I-95 Express Lanes, Phase III, Broward County, 29 Miles, FDOT D4 – ITS Specialist responsible for assisting in the development of the Corridor ITS Master Plan, Request for Proposal (RFP) ITS and toll technical functional requirements, and TAG/TRC support. **1/2014 - current (Reference: Robert Bostian, P.E., FDOT Project Manager, 954-777-4427)**

ATMS and ATCS Deployment in Broward and Palm Beach Counties, FDOT D4 – ITS Lead responsible for TAG/TRC support, post design services, RFI and shop drawing review, system integration and testing plans review. Also, providing review/coordination with Palm Beach County and Broward County. *3/2014 – 11/2017 (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

ATMS and ITS Broward Boulevard Design in Broward County, FDOT D4 – ITS Lead responsible for ATMS and Signal fiber optic communication network subsystem, Power subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Microwave Vehicle Detection system (MVDS), Bluetooth vehicle detection, Automated Vehicle Identification (AVI) and Dynamic Message Sign (DMS) subsystem. Also, providing multi-agency coordination throughout design. *10/2015 – current (Reference: Ronald Wallace, P.E., FDOT D4 Project Manager, 954-777-4641)*

ATCS and ITS PGA Boulevard Design in Palm Beach County, FDOT D4 – ITS Lead responsible for ATCS and fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Microwave Vehicle Detection system (MVDS), Power subsystem, Dynamic Message Sign (DMS) subsystem and Adaptive Traffic Control System. Also, providing multi-agency coordination throughout design. *9/2015 – current (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

ATMS and ATCS Pines Boulevard in Broward County, FDOT D4 – Consultant ITS Lead responsible for developing the ITS technical functional requirements for design-build, integration, testing and training of ATMS/ATCS fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Microwave Vehicle Detection system (MVDS), Bluetooth vehicle detection, Dynamic Message Sign (DMS) subsystem and Adaptive Traffic Control System. Also, providing multi-agency coordination throughout design. *10/2015 – current (Reference: Auraliz Benitez, P.E., FDOT D4 Consultant Management, 954-777-4346)*

I-75 Express Lanes, Broward & Miami-Dade Counties, 15 Miles, FDOT D4 & D6 – ITS Specialist responsible for assisting in the RFP development, TAG/TRC support, RFI and shop drawing review, system integration and acceptance testing plans review and inspection for design-build of I-75 Express Lanes project segments A, B, C, D, & E. *12/2011 – current (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

I-595 Public Private Partnership (PPP) Project, Broward County, 10.5 Miles, FDOT D4 – ITS Specialist responsible for providing post design support services for I-595 P3 project. Responsibilities included plan review, RFI and shop drawing review, system integration and acceptance testing plans review and inspection. *3/2013 – 8/2014 (Reference: Kelly Hall, P.E., FDOT I-595 Project Engineer and Asset Maintenance Coordinator, 954-845-9550)*

I-75 Freeway Management System, Charlotte County, FDOT D1 - Project Controls Manager/Project Manager for this specialized construction of $9.7 million design build project. This project was to extend the I-75 Freeway Management System from Lee/Charlotte County line to the Charlotte/Sarasota County line. Construction installations included fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, a Dynamic Message Sign (DMS) subsystem, a Highway Advisory Radio (HAR) subsystem, a Microwave Vehicle Detection Station (MVDS) subsystem, and Road Weather Information System (RWIS). Responsible for monitoring costs, schedules, productivity, forecast costs including labor/expenses, obtain proper permits from local governments, project closeout, training, and develop/maintain schedules. *2/2009 - 7/2011 (Reference: George Betzner, General Manager, Quanta Services, 713-629-7600)*

I-395/SR 826 SunGuide Advanced Traffic Management System (ATMS) Expansion, Miami-Dade County, FDOT D6 - Project Controls Manager/Project Manager of this $7.5 million highly complex design build project to provide expansion of the SunGuide ATMS along Interstate 395 and State Road 826. Responsible for monitoring costs, schedules, productivity, forecast costs including labor/expenses, obtain proper permits from local governments, project closeout, training, and develop/maintain schedules. Prepared and analyzed critical path networks, bar charts, cash flows, estimates to complete, and variance reports, monitored escalation, contingency, gross margin, revenue and reported construction status and costs to Corporate Headquarters. *1/2008 – 12/2009 (Reference: Donald Avery, P.E., Project Manager, AECOM, 305-640-7361)*



Chen Li, PE, LEEDS AP
Chef Electrical Engineer

Education
MS, Mechanical Eng., 1994
Florida International University
MS Engineering, 1991
USTC of China
BS Engineering, 1987
USTC of China

Professional Certifications
Professional Engineer
Florida
Mechanical Engineering, 1998
Professional Engineer
Florida
Electrical Engineering, 2002
Florida PE No. 52692
LEED Accredited Professional, 2008

Employment History
Eland Engineering, Inc.
1/2018 - current

Location
3323 W. Commercial Blvd
Suite 110
Ft. Lauderdale, FL 33309

Mrs. Li has more than 25 years of experience in mechanical, electrical, instrumentation, and fire protection engineering for various industrial, rail, governmental, educational, institutional, aviation and commercial facilities. With engineering proficiencies in both mechanical and electrical disciplines and extensive experience and knowledge in instrumentation control engineering. Mrs. Li has successfully completed projects from new construction of large complex facilities to small space renovations. Her experiences started with preliminary engineering, design & development and continues through construction in areas of system design and analysis, project management, engineer during construction, to system integration.

Mrs. Li's mechanical specialties include fuel and pneumatic piping distribution system, HVAC, plumbing and fire protection systems for various scale of industrial, commercial, governmental, educational, institutional facilities. Mrs. Li's electrical specialties include design of power generation, distribution, motor control, lighting, and grounding, instrumentation, communication and access control systems for industrial, commercial and governmental facilities.

The extensive project experience in traditional mechanical and electrical system design, hands-on work experience in real time control and monitoring for various integrated mechanical and electrical systems has advanced Mrs. Li's effectiveness in offering innovate engineering solutions, solving problems and meeting needs of clients

ATMS and ATCS Pines Boulevard in Broward County, FDOT D4 – Electrical Engineer responsible for providing post design support for the design-build, integration, testing and training of ATMS/ATCS fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Microwave Vehicle Detection system (MVDS), Bluetooth vehicle detection and Dynamic Message Sign (DMS) subsystem. **5/2018 – current (Reference: Auraliz Benitez, P.E., FDOT D4 Consultant Management, 954-777-4346)**

SR 826/PALMETTO EXPY FROM I-75 TO N.OF CANAL C-8 BRDG (APPROX NW 162ST) (MP 14.972 to MP 16.854), 435760-1-32-01, Miami Dade County, FDOT D6 – Electrical Engineer of Record responsible for ITS system design including fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera subsystem, Microwave Vehicle Detection system (MVDS), and Dynamic Message Sign (DMS) subsystem.

SR 826 / PALMETTO EXPY. from East of NW 67 AVE to East of NW 57 AVE (MP 18.117 / to MP 19.08), 435760-3-32-01, Miami Dade County, FDOT D6 – Electrical Engineer of Record for the project. This project consists of design and new construction of ITS infrastructure, Express Lanes, closed circuit television (CCTV) Cameras, Microwave Vehicle Detection System (MVDS), Mainline & Tolling Dynamic Message Signs, and Arterial DMS (ADMS) along the project corridor.

Blue Heron Blvd Lighting Retrofit, Palm Beach County – Senior Electrical Engineer for the design of lighting retrofit along 3 intersections along Blue Heron Blvd. includes field review, preparing photometric analysis of each intersection, and development of final construction plans.

Military Trail Lighting Retrofit, Palm Beach County - Senior Electrical Engineer for the design of lighting retrofit along Military Trail from Shiloh Dr. to Burns Rd in Palm Beach County. The scope includes field review, preparing photometric analysis of each intersection, and development of final construction plans for 11 intersections.

Lighting Retrofit Design, 441381-1-52-01, SR 845/Powerline Road with NW 59 CT, Broward County, FDOT D4 – Senior Electrical Engineer for intersection of Powerline Road with NW 59 CT in Broward County, which includes field review, preparing photometric analysis of each intersection, and development of final construction plans for one (1) intersection. Responsible for the design, and conducting field review, photometric evaluation and developing the final lighting plans.

Railway Maintenance Facility, West Palm Beach, Florida, Senior Mechanical and Electrical Engineer for a Design & Built Railway Maintenance Facility including multiple buildings, and maintenance yards. The systems designed include interconnected compressed air generation and distribution system, HVAC systems, industrial equipment electrical & mechanical connections, electric utility incoming feeds, site & building power, indoor and outdoor lighting, wayside powers, fire alarms and instrumentation & controls for an All Aboard Florida Rail Maintenance Facility in West Palm Beach, FL (2015-2017 for AECOM project)

Tri-Rail Pompano Beach Station, Senior Electrical Engineer for the Tri-Rail station expansion project in Pompano Beach, and responsible for the power, lighting and communication system design (2010).

Pump Station PS-319, South Florida Water Management District, West Palm Beach, Florida Mechanical Engineer for the design of the extension of fuel supply, return, and backup fuel supply piping from the existing distribution system to the new generator buildings, and HVAC system of the new generator buildings (2015-Present)

Pump Station PS-362 South Florida Water Management District, West Palm Beach, Florida. Mechanical Engineer for the design of the extension of fuel supply, return, and backup fuel supply piping from the existing distribution system to the new generator buildings, and HVAC system of the new generator buildings (2015-Present)

Pump Station G508, South Florida Water Management District, Hendry County, Florida. Senior Electrical Engineer and Engineer During Construction for design and construction of a large pump station that served as the main water supply structure to the wetlands treatment system which also performed a secondary role as a flood control structure for adjacent properties. Pump configuration consisted of both high flow diesel pumps and low flow electrical pumps (2010-2012)

G407, Power Pilot Project, South Florida Water Management District, Hendry County, Florida. Electrical and Instrumentation Engineer for the electrical and Instrumentation system design of a power generation system providing redundant power to a long radius underground power distribution system in remote area. The integrated instrumentation control system was designed to allow the power system is automatically operated, controlled and monitored via remote workstations using Allen Bradley PLC and Motorola SCADA telemetry system (2005-2007)

G509 Hydration Pump Station, South Florida Water Management District, Hendry County, Florida. Instrumentation engineer for integration of the instrumentation control system for controlling and monitoring hydration pump station using Motorola SCADA telemetry system (2008)



Jian Cheng, E.I
ITS Engineer

Education
Bachelor of Science in Civil Engineering, 2017

Professional Registrations
Engineering in Training (Certificate Number: 1100021244)

Six Sigma Green Belt (Certificate Number: 2373-7824)

Software: AutoCAD, MicroStation, Geopak, Synchro

Employment History
- Eland Engineering, Inc.
- HBC Engineering

Location
3323 W. Commercial Blvd. Suite 110
Ft. Lauderdale, FL 33309

Mr. Cheng is an ITS engineer of Eland Engineering. He has 3 years of experience in the areas of ITS, traffic engineering, roadway/highway design and traffic statistics. Jian possesses a solid combination of project management and technical experience. Jian has aided several major ITS design projects, performed requirements analysis for new designs; scope of work, tradeoff studies, and cost benefit analysis, creation of plans, specifications, and estimates. Among Jian's project experiences are:

SR 826/PALMETTO EXPY FROM I-75 TO N. OF CANAL C-8 BRDG (APPROX NW 162ST) (MP 14.972 to MP 16.854), 435760-1-32-01, Miami Dade County, FDOT D6 – ITS Engineer supports the ITS system design including fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera subsystem, Microwave Vehicle Detection system (MVDS), and Dynamic Message Sign (DMS) subsystem. **8/2017 – current (Reference: Raul Quintela, P.E., FDOT D6 Project Manager, 305-470-5271)**

SR 826 / PALMETTO EXPY. from East of NW 67 AVE to East of NW 57 AVE (MP 18.117 / to MP 19.08), 435760-3-32-01, Miami Dade County, FDOT D6 – ITS Engineer supports the design and new construction of ITS infrastructure, Express Lanes, closed circuit television (CCTV) Cameras, Microwave Vehicle Detection System (MVDS), Mainline & Tolling Dynamic Message Signs, and Arterial DMS (ADMS) along the project corridor. **10/2016 – current (Reference: Raul Quintela, P.E., FDOT D6 Project Manager, 305-470-5271)**

SR 25/Okeechobee Road from West of NW 138 Street to East of NW 107 Avenue, 423251-6-52-01, Miami-Dade County, FDOT D6 - ITS Engineer supports the design and new construction of ITS infrastructure, closed circuit television (CCTV) Cameras, Microwave Vehicle Detection System (MVDS), Bluetooth Devices along the project corridor. **10/2016 – current (Reference: Maria Perdomo, P.E., FDOT D6 Project Manager, 305-640-7186)**

Fiber Optic Communication Cable for Various Locations in Palm Beach County, 436897-1-52-01, Palm Beach County, FDOT D4 – ITS Engineer supports the installation of fiber optic lines to connect 33 traffic signals. Also, three local hub sites and six closed circuit televisions (CCTVs) will be installed. These intersections, CCTVs and hub sites will be connected to the traffic management center to improve the functionality of the ATMS network. **6/2017 – current (Reference: Carl Dorvil, P.E., FDOT D4 Project Manager, 954-777-4296)**

Blue Heron Blvd Lighting Retrofit Design, 440079-1-52-01, Palm Beach County, FDOT D4 – project engineer supports to retrofit intersection lighting for intersections of Blue Heron Blvd with Military Trail, Garden Rd and Congress Ave, which includes field review, preparing photometric analysis of each intersection, and development of final construction plans for these three (3) intersections. Rossi is responsible for the design, and he was responsible for conducting field review, photometric evaluation and developing the final lighting plans. **6/2017 – current (Reference: Binod Basnet, P.E., FDOT D4 Project Manager, 954-777-4146)**

Lighting Retrofit Design, 440080-1-52-01, Military Trail from Shiloh Dr. to Burns Rd in Palm Beach County, FDOT D4 – project engineer supports to retrofit intersection lighting for intersections of along Military Trail from Shiloh Dr. to Burns Rd in Palm Beach County, which includes field review, preparing photometric analysis of each intersection, and development of final construction plans for following eleven (11) intersections. Rossi is responsible for the design, and he was responsible for conducting field review, photometric evaluation and developing the final lighting plans. **6/2017 – current (Reference: Binod Basnet, P.E., FDOT D4 Project Manager, 954-777-4146)**

Fort Lauderdale, Florida

Jian Cheng

Lighting Retrofit Design, 441381-1-52-01, SR 845/Powerline Road with NW 59 CT, Broward County, FDOT D4 – project engineer supports to retrofit intersection lighting for intersection of Powerline Road with NW 59 CT in Broward County, which includes field review, preparing photometric analysis of each intersection, and development of final construction plans for two (2) intersections. Rossi is responsible for the design, and he was responsible for conducting field review, photometric evaluation and developing the final lighting plans. **6/2017 – current (Reference: Binod Basnet, P.E., FDOT D4 Project Manager, 954-777-4146)**

HBC Engineering Company- Jian was responsible for field works and data collection in civil design. He also participated in multi-discipline projects in coordination with the project manager. Jian performed roadway, signalization and drainage designs as well as attended meetings and discussed project details with clients. **06/2017- (Reference: Adebayo Coker 305-232-7932)**

Broward County Highway & Bridge Maintenance – worked as a project engineer to design curb ramp and sidewalks as well as participate in meetings to address the review and comments to product plans. Jian was also responsible for field works for existing conditions. **11/2017 – (Reference: Diana Rodriguez 954-357-6040)**

David Plummer & Associates – Jian aided civil engineers on several projects involving roadway designs and improvements. He prepared/collected utility information for use in AutoCAD civil design drawings and calculations. Jian's focus was mainly on traffic study involving Synchro operation, traffic analysis, and project management. **01/2016 – 05/2017 – (Reference: Juan Espinosa 305-447-0900)**



Fort Lauderdale, Florida

Jian Cheng



David J Bormann

Interstate GPL ITS Maintenance Supervisor

PROFESSIONAL CERTIFICATION

- FDOT MOT Intermediate Cert. # 44970
- IMSA SIGNAL III Cert. # CE_111109

WORK HISTORY

- Eland Engineering, Inc.
- Traffic Management Solutions
- American Traffic Solutions
- Safespeed
- Traffipax Safety System

LOCATION

3323 W. Commercial Blvd
Suite 110
Ft. Lauderdale, FL 33309

Mr. Bormann is an ITS Maintenance Supervisor for Eland Engineering. He has 10 years of experience in ITS and street lighting installation, integration, testing and training. His expertise includes installations and maintenance on 120/240/277/480-volt systems, diagnostic evaluations and repairs of ITS field devices.

FTE ITS Maintenance South, 170 miles, Florida's Turnpike Enterprise – Project Manager responsible for FTE Maintenance tasks. ITS is comprised of two Traffic Management Centers (TMC), a dispatch center, a fiber optic based 10GB Ethernet communication backbone, as well as a wide range of ITS devices, including DMS, TTS, CCTV, VDS, HAR, and CBRAS, ancillary facilities, environmental conditioning equipment, device structures, and all related hardware, software and firmware. Mr. Bormann and his team are responsible for performing routine, periodic and preventive maintenance activities on all ITS Equipment and all other equipment used within the FTE Intelligent Transportation Systems in Miami-Dade, Broward, Palm Beach, Martin and St Lucie Counties, for approximately 170 miles. *07/2018-current (Reference: Derek Quallo, ITS Maintenance Contract Manager – Jacobs, 954-547-0192)*

FDOT D4 I-95 Express Lanes Phase 3A-1 Design-Build – Project Superintendent/ITS Foreman responsible for managing sub-contractors, project scheduling, order and keep inventory of equipment and supplies. Budget planning, hiring and manage up to 20 employees. Street light maintenance 240/480-volt, new street light installation. Installation and maintenance of I-95 Express Lanes ITS systems, including fiber optic communication network, underground power distribution and generator backup systems, DMS, CCTV, MVDS, Ramp Signals and ancillary equipment. **10/2016-07/2018**

American Traffic Solutions – Field Technician III responsible for Installation of Iteris cameras and equipment. Red light camera enforcements to include - On-site surveys for constructability to determine feasibility of camera installation. On-Site Presentations to clients, including governmental officials and various contractors. Installation and maintenance to include – Supervision of contractor's placement of camera and flash poles, wiring of electrical and computer related systems, positioning and computer programming of laser detections devices. Programing of computer related devices, implementation of new product. Lead technician in charge of training new employees. **04/2011-10/2016**

Safespeed – Construction Manager responsible for supervised five support technicians. On-site customer between company, contractors, and clients. Responsible for ordering of supplies as needed, inventory control of items stored in storage unit and company vehicle. Monthly balancing of expenses and invoices. **01/2010-02/2011**

Traffipax Safety System – Field Technician responsible for red light camera installation and maintenance. Monthly maintenance of all photo enforcement camera devices, diagnostic evaluations and repairs of all camera components. On- site customer support between company, contractors, and clients, responsible for ordering of supplies as needed. **2010-2008**



Aidin Massahi, Ph.D.
ITS/Signal Engineer

Education
Doctor of Philosophy in Civil Engineering (Transportation), FIU, 2017

M.S. in Highway Design and Transportation Engineering, K.N. Toosi University of Technology, Iran, 2011

B.S. in Civil Engineering, Imam Hossien University, Iran, 2008

Professional Certifications
VISSIM and VISSUM, from PTV, Inc.

AIMSUN, from TSS, Inc.

Hazardous Waste Operations and Emergency Response

FDOT Advanced MOT
Cert# 45530

Employment History
Eland Engineering, Inc.
5/2018 - current

Marlin Engineering, Inc.
10/2017-5/2018

Pardazesh Pars Traffic Co.
10/2011-12/2012

Pars Sofreh Gas Co.
10/2010-9/2011

Senior ITS Technician / Electrician Dr. Massahi serves as ITS/Traffic Signal Engineer for Eland Engineering. He has over 7 years of experiences in traffic simulation, modeling and planning. Aidin was FDOT District 4 Access Manager and he managed FDOT accesses through its Right-of-Way. He reviewed over 100 Traffic Impact Study Analysis and Permits for different development projects as well as he conducted over 200 meetings with Developers, Engineers and Traffic Professionals. Aidin graduated with a Ph.D. in Civil Engineering with a focus on Transportation and TSM&O. As a Graduate Research and Teaching Assistant at the FIU Lehman Center for Transportation Research (LCTR), Aidin conducted several research projects on Transportation System Management and Operations (TSM&O), multi-resolution analyses of Advanced Traffic Management (ATM) Strategies, dynamic traffic assignment, dynamic signal control and pavement raveling. As part of his Ph.D. dissertation, he developed and evaluated a methodology to support planning for operations of dynamic signal controls such as traffic, incident and weather responsive signal controls utilizing a multi-resolution analysis approach. In addition, Aidin has three years of experience working on different design projects as well as traffic simulation and signal optimization. Aidin is proficient with VISSIM, AIMSUN, DTAlite, CORSIM, HCS, SYNCHRO/Sim Traffic, VISSUM, Cube Voyager, Cube Avenue, ArcGIS, NexTA-DTA and ATMS.now software.

Districtwide Traffic Signal Retiming Continuing Service, Broward and Palm Beach County, FDOT D4, (05/2018-current)

Traffic Signal/ITS Engineer responsible for reporting monthly performance results in the areas of delay savings, fuel savings, emissions reduction, number of signal timing changes, event information, and other information requested by the Department to the Arterial Management Program Operations staff, prioritize and submit for the Department, BCTED and PBC approval the candidate locations/ segments for dynamic signal retiming plans and other types of retiming plans, collect existing physical data for SYNCHRO base model and condition diagrams, develop design turning movement counts, code SYNCHRO simulation of existing conditions, develop timing improvement recommendations, develop signal timing plans and program into signal system software for implementation, develop performance thresholds for TMC Operators to activate and deactivate signal timing plans, fine tune timing plans in the field, and Agency Coordination. **(Reference: Allison Glunt, FDOT D4 Project Manager, 954-777-4375)**

Districtwide Traffic Operations Access Management, FDOT D4, (10/2017—5/2018)

Provides FDOT with Professional Traffic Engineering Services through in-house support and various traffic engineering studies, provides both proactive and reactive support to the District 4 Access Management Unit to include analysis for a varied range of conditions and situations, prepares for, schedules and conducts meetings (typically Pre-Application and Access Management Review Committee (AMRC) meetings) with developers, consultants and other governmental agencies, prepares access management master plans, qualitative assessments and attends public meetings on behalf of the Department. **(Reference: Jonathan Overton, P.E., FDOT D4 DTOE Assistant, 954-777-4376)**

Florida International University Graduate Research Assistant, **(1/2013-8/2017)**, *responsible for three FDOT projects:*

Decision Support Systems for Transportation System Management and Operations (TSM&O) (Sponsor: FDOT)

Produced a data analytic environment that supports the objectives and activities of the TSM&O program, developed models that estimate arterial system performance under incident conditions with consideration of the interaction between the operations at the incident location and upstream and downstream signalized intersections

I. *Framework for Multi-Resolution Analysis of Advanced Traffic Management Strategies (Sponsor: FDOT)*

Investigated the ability of combinations of tools to assess congestion impacts and advanced strategies that address such impacts, developed methods by utilizing combinations of advanced simulation, Dynamic Traffic Assignment (DTA), and optimization models to allow the effective assessment of dynamic signal control, developed methods to estimate the drivers' diversion behavior under incident conditions in support of the ATM strategies.

II. *Investigation of Friction Course Raveling Performance in Southeast Florida (Sponsor: FDOT)*

Investigated the possible causes of raveling and established threshold values for good raveling performance.

SELECTED PUBLICATIONS & PRESENTATIONS

- "Estimating the Capacity Impacts of Urban Street Incidents". Published in Transportation Research Record (TRR) Journal, 2017.
- "Improved Model for Estimating Incident Impact on Urban Street Travel Time with Consideration of Upstream Intersection Capacity Reduction". Presented at the 95th Annual Meeting of the Transportation Research Board, National Research Council, Washington, D.C., January 2016.
- "Analysis of Pavement Raveling Using A Smart Phone". Presented at the 95th Annual Meeting of the Transportation Research Board, National Research Council, Washington, D.C., January 2016.

SELECTED AWARDS AND HONORS

- ITE International Best Student Chapter Award During Presidency 2016





Robert Nieves, P.E., PhD
ITS/Electrical Engineer

Education
Doctorate in International Business, Nova Southeastern University, 2005

MBA, Nova Southeastern University, 1994

B.S. Electrical Engineering Illinois Institute of Technology, 1982

Professional Registrations
Professional Engineer-Electrical,
Florida PE No. 72370

FDOT Intermediate Maintenance of Traffic

TIN

Location
3323 W. Commercial Blvd.
Suite 110
Ft. Lauderdale, FL 33309

Mr. Robert Nieves has 28 years' experience in power, electrical engineering and communication system design and inspections. Robert is proficient in analyzing professional plans, providing engineering recommendations, national electrical code, electrical motors, power generation systems to distribution, testing, troubleshooting and maintenance of breakers, relays, transformers, transmission lines, control systems, generators and related power generation equipment. He is also utility-trained on protective relaying, three-phase circuits, safety procedures and power system design. Mr. Nieves's professional experience includes:

Statewide TSM&O Program Consultant, FDOT Central Office, Manufacturer QA manager for Traffic Engineering Lab (TERL) for the approved product list (APL) certifications. Responsibilities include to provide quality assessment and ensure the existing processes are maintained and enhanced; Process and track APL Applications and conduct APL Evaluations; update and maintain traffic control device specifications, Compliance Matrices, and Test Procedures, including National Transportation Communications for ITS Protocol (NTCIP); maintain and improve Traffic Engineering Research Laboratory (TERL) test systems, tools, and infrastructure; and conduct or host software system testing and training, including independent verification and validation activities. **2/2016 – current (Reference: Stephen Bahler, P.E., Program Director, HNTB, 813-498-5126)**

I-75 Express Lanes, Broward and Miami-Dade County, 15 Miles, FDOT D4 / FDOT D6 – ITS Engineer involved with the development the ITS technical functional requirements and engineering estimate for design- build, integration, testing and training of ITS components, and providing the post design services for the design-build of I-75 Express Lanes project segments A, B, C, D, & E. *10/2011 – 6/2012 (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

I-95 Express Lanes Phase II, Broward and Miami-Dade County, 15 Miles, FDOT D4 / FDOT D6 – ITS Engineer involved with the development the ITS technical functional requirements and engineering estimate for design- build, integration, testing and training of ITS components, and providing the post design services for the design-build of I-95 Express Lanes Phase II project. *10/2011 – 6/2012 (Reference: Donovan Pessoa, P.E., FDOT D4 Consultant Management, 954-777-4442)*

FDOT District Four - Miscellaneous ITS Design Services: SR80 Hooker Highway Safety Improvements, SR25/US27 ITS Project, and US 27 Variable Speed Limit Signs Project. Developing the ITS technical functional requirements and engineering estimate for design- build, integration, testing and training of ITS components, and providing the post design services. The design elements include electrical power systems, fiber optic communications, solar systems, ramp metering, full color Dynamic Message Signs (DMS), Detection Control Systems (DCS), Road Weather Information Systems (RWIS), Highway Advisory Radio (HAR), Electronic Toll Collection (ETC), Closed Circuit Television (CCTV), Microwave Vehicle Detection Stations (MVDS), Integration and Testing. *10/2011 – 6/2012 (Reference: Dong Chen, former FDOT D4 ITS Manager, 954-847-2785)*

Prior to becoming an ITS engineer, Mr. Nieves has served as an electrical engineer and managed electrical divisions with various multi-national corporations, including companies such as Caterpillar Company, Kohler Company, Cummins Engine Company, Lockheed Martin Space Operation and Commonwealth Edison. His experiences in those roles include:

- Managed engineering and service support centers for Distribution Network for Switchgear, Transfer Switches, and Controls.

- Managed power systems distribution networks for service and engineering support.
- Exercised excellent judgment and initiative to resolve technical problems on generator sets, transfer switches, paralleling systems, and electronic controls.
- Project Managed field installations on power equipment and generators.
- Performed troubleshooting of control circuits and components for automatic transfer switches feeding critical loads at the Kennedy Space Center launch pads and launch control center.
- Maintained the 60HZ complex control system, a remote control and monitoring system, on various power distribution substations providing power to space shuttle operations and ground equipment.





William Munshaw, P.E.
ITS Engineer

Education
B.S. Civil Engineering
Florida International University
8/2009 – 5/2013

Professional Registrations
Professional Engineer
Florida, No. 86588
08/3/2018

Employment History
Eland Engineering, Inc.
05/2018 - current

Florida Department of Transportation,
3/2014 –05/2018

Titan America Structures and Construction Testing Laboratory
8/2012 – 3/2014

Location
3323 W. Commercial Blvd
Suite 110
Ft. Lauderdale, FL 33309

Mr. Munshaw is an ITS Engineer for Eland Engineering. He has 5 years of experience in design management and coordination for a variety of roadway and ITS projects including ITS studies for FTE, ATMS and ATCS design for FDOT D4, I-95 Express Lanes Phase III in Broward and Palm Beach Counties, widening of US-1 in Broward County for Bicycle and Pedestrian Improvements, and reconstruction of A1A in Hollywood for traffic and pedestrian improvements. Additionally, handled post design services for the A1A project as well as a Milling and Resurfacing Project on I-95 through Palm Beach and Martin County. Mr. Munshaw possesses strong knowledge of the FDM, TDH, the NTCIP and other design standards. Mr. Munshaw's project experience include:

Existing Roadway Conditions Assessment Report, Osceola County, SR 429 (MP 0.0 to MP 5.3) – ITS Engineer responsible for field data collection of ITS infrastructure and organization into a report for submission with other roadway elements for final report *11/2018 – current (Reference: Steven Soldati, P.E., Project Manager – HNTB, 407-264-3967)*

Existing Roadway Conditions Assessment Report, Osceola County, SR 429 (MP 5.3 to MP 11.0) – ITS Engineer responsible for field data collection of ITS infrastructure and organization into a report for submission with other roadway elements for final report *11/2018 – current (Reference: Steven Soldati, P.E., Project Manager – HNTB, 407-264-3967)*

Existing Roadway Conditions Assessment Report, Osceola County, Florida Turnpike Enterprise (MP 235.0 to MP 227.0) – ITS Engineer responsible for field data collection of ITS infrastructure and organization into a report for submission with other roadway elements for final report *6/2018 – current (Reference: Francisco Cardona, P.E., Project Manager – HNTB, 407-264-3029)*

Existing Roadway Conditions Assessment Report, Lake County, Florida Turnpike Enterprise (MP 288.7 to MP 297.7) – ITS Engineer responsible for field data collection of ITS infrastructure and organization into a report for submission with other roadway elements for final report *6/2018 – current (Reference: Jason Christopher, P.E., Project Manager – HNTB, 407-264-3633)*

ATCS and ITS PGA Boulevard Design in Palm Beach County, FDOT D4 – ITS Engineer responsible for post design support for this project. This project is consisted of ATCS and fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Power subsystem, Microwave Vehicle Detection system (MVDS) and Dynamic Message Sign (DMS) subsystem. *5/2018 – current (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

I-95 Express Lanes, Phase III, 433109-6-62-01, Broward County, 29 Miles, FDOT D4 – ITS Engineer responsible for providing post design services which includes: RFI and shop drawing review, system integration and testing plans review. *5/2018 - current (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

ATMS and ATCS Pines Boulevard in Broward County, FDOT D4 – ITS Engineer responsible for providing post design support for the design-build, integration, testing and training of ATMS/ATCS fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Microwave Vehicle Detection system (MVDS), Bluetooth

vehicle detection and Dynamic Message Sign (DMS) subsystem. *5/2018 – current (Reference: Auraliz Benitez, P.E., FDOT D4 Consultant Management, 954-777-4346)*

SR 5/US-1 from SR 834/ Sample Rd. to BR/PB County Line (MP 11.789 to MP 15.325), 434695-1-52-01, Broward County, FDOT D4 – Lead Designer responsible for design and delivery of roadway plans. Coordination with Project consisted of the Bike and Pedestrian improvements through milling and resurfacing, widening of US-1 to accommodate buffered bike lanes, and upgrading sidewalks and crosswalks.
5/2017 – 5/2018 (Reference: Scott Thurman, P.E., FDOT D4 Project Manager, 954-777-4160)

SR 9 / I-95 from C-18 to North of CR-708/ SE Bridge Rd through Palm Beach and Martin County (Palm Beach MP 44.005 to MP 46.018 / Martin County MP 0.0 to MP 7.825), 434273-1-52-01/ 434273-2-52-01, Palm Beach and Martin County, FDOT D4 – In-House Design Liaison responsible for the handling of post design services, including fielding general design related questions, answering RFI's, and providing plan revisions. This project consists of Milling and Resurfacing of I-95/SR 9 with cross slope correction.
2/2017 – 5/2018 (Reference: Scott Thurman, P.E., FDOT D4 Project Manager, 954-777-4160)

SR A1A/ S Ocean Dr. from Monroe St. to Sheridan St. (MP 2.547 to MP 4.104), 432323-1-52-01, Broward County FDOT D4 – Designer responsible for design and delivery of roadway plans and providing post design services, including fielding general design related questions, answering RFI's, and providing plan revisions. Project consisted of the reconstruction of A1A to include new sidewalks and new medians.
07/2016 – 5/2018 (Reference: Scott Thurman, P.E., FDOT D4 Project Manager, 954-777-4160)





Anthony Mendoza
Senior ITS Specialist

EDUCATION

Bachelor of Science in Management of Information Systems, Florida State University, FL 2001

Bachelor of Science in Finance, Florida State University, FL 2001

CERTIFICATIONS & TRAINING

FDOT MOT - Intermediate

- Cert. # 45308

IMSA Traffic Signal Field Construction Level I & II

Consultant CEI Project Management Training

WORK HISTORY

- Eland Engineering, Inc.
- ARC Electric Co.
- Florida Department of Transportation
- HNTB, Inc.

LOCATION

3323 W. Commercial Blvd
Suite 110
Ft. Lauderdale, FL 33309

Mr. Mendoza is a Senior ITS Specialist for Eland Engineering. He has 16 years of experience in the area of ITS inspection, installation, project management, design and plan production, and ITS testing– Projects and work experience include: I-75 Segment A/B, I-595 Mobility Hub Park & Ride, FTE ITS Maintenance Project Manager, and D4 ITS Maintenance FDOT Project Manager. He has contributed in multiple aspects of these projects including budget monitoring and adherence, cost projections and forecasting, deployment, and process improvements. His experience includes a 10-year tenure with FDOT District Four as the ITS Maintenance Manager. Mr. Mendoza is familiar and experienced with SunGuide software, and he was instrumental in developing the requirements for Maintenance Inventory Management System (MIMS) for District 4, now a module for SunGuide software. His project experience includes:

I-75 Express Lanes – Segment AB and Corridor-wide ITS and Toll System Integrator in Broward and Miami-Dade Counties, FDOT D4 – ITS Professional responsible for post design support for this project. This project is consisted of Express Lanes fully supported by a redundant fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Power subsystem, Microwave Vehicle Detection system (MVDS) and Dynamic Message Sign (DMS) subsystem. Reviewed and responded to RFIs, Shop Drawings, IP Schemas, all test plans, training materials, and all project acceptance documents. Coordinated and oversaw SunGuide testing of devices at the RTMC. *05/2018 – 06/2019 (Reference: Vanita Saini, P.E., FDOT D4 Consultant Management, 954-777-4468)*

I-595 Mobility Hub Park & Ride Design in Broward County, FDOT D4 – ITS Professional responsible for providing post design support for this project. This project consisted of an Intelligent Parking Management System (IPMS), fiber optic communication network subsystem, and Dynamic Message Sign (DMS) subsystem. Reviewed and responded to RFIs, Shop Drawings, IP Schemas, all test plans, training materials, and all project acceptance documents. Coordinated and led the integration and testing between the RTMC and the contractor required for the successful completion and acceptance. **05/2018 – 04/2019 (Reference: Mackendy Philippi, FDOT D4 Project Administrator, 954-958-7693)**

Adaptive Traffic Control Systems (ATCS) and ITS along Pines Boulevard in Broward County, FDOT D4 – ITS Professional responsible for providing post design support for the design-build, integration, testing and training of ATMS/ATCS fiber optic communication network subsystem, Closed Circuit Television (CCTV) camera traffic monitoring subsystem, Microwave Vehicle Detection system (MVDS), Bluetooth vehicle detection, and Adaptive Traffic Control System. *01/2018 – 01/2019 (Reference: Helen James, P.E., FDOT D4 Project Manager, 954-777-4346)*

ATCS and ITS PGA Boulevard Design in Palm Beach County, FDOT D4 – ITS Professional responsible for post design support for this project. This project is consisted of ATCS and fiber optic communication network subsystem, Bluetooth vehicle detection, Adaptive Traffic Control System, Power subsystem, Microwave Vehicle Detection system (MVDS), and Dynamic Message Sign (DMS) subsystem. *01/2018 – 12/2018 (Reference: Robert Lopes, P.E., FDOT D4 Project Manager, 954-777-4346)*

FTE ITS Maintenance South, 170 miles, Florida's Turnpike Enterprise – Project Manager responsible for FTE Maintenance tasks. Turnpike ITS is comprised of two Traffic Management Centers (TMC), a dispatch center, a fiber optic based 10GB Ethernet communication backbone, as well as a wide range of ITS devices, including DMS, TTS, CCTV, VDS, HAR, and CBRAS, ancillary facilities, environmental conditioning equipment, device structures, and all related hardware, software and firmware. Mr. Mendoza and his team are responsible for performing routine, periodic and preventive maintenance activities on all ITS Equipment and all other equipment used within the FTE Intelligent Transportation Systems in Miami-Dade, Broward, Palm Beach, Martin and St Lucie Counties, for approximately 170 miles. *08/2016-current (Reference: Derek Quallo, ITS Maintenance Contract Manager – Jacobs, 954-547-0192)*

ITS Maintenance (Interstate and Arterial Management System), Broward County, FDOT D4 – FDOT Project Manager that oversaw the ITS Section and the development and implementation of ITS maintenance plans and service contracts for ITS, Identification of funding/programming requirements and coordination of project inputs into Department's Work Program, prepared scope of services and related contractual documents. Reviewed and distribute project submittals, maintenance of project schedules and related production activities, establish and maintain project files, conducted quarterly spare parts inventory audit. Reviewed and approved project invoicing. Conducted weekly status meetings with contractors. Established ITS equipment maintenance baselines and produce monthly ITS equipment performance measures and contractor performance reports. Assigned project tasks and deliverables. Attended field observation of maintenance personnel, including inspection, monitoring, and supervising contractors' performance and the result of contractors' work. Ensured adherence to contract response time period of all maintenance tasks and deliverables. Contributed in the development of the District's Maintenance Inventory Management System (MIMS), custom software written to handle maintenance tickets, track the inventory for over 6,000 items, and track device system uptimes. Managed the budgets for multiple contracts valuing over $4M, including authorizing and payments of all staffing hours, spare part purchases, expenses, and tasks. *6/2005 – 3/2015 (Reference: Dong Chen, FDOT D4 ITS Manager(retired))*



Vladimir Velasco, PE
ITS / Signal Engineer

EDUCATION

BS/2010/Civil Engineering/Florida International University

PROFESSIONAL REGISTRATIONS

Professional Engineer
Florida # 78651

WORK HISTORY

- Eland Engineering, Inc.
- Palm Beach County
- Florida Department of Transportation District 4
- Kimley-Horn and Associates
- AECOM Technical Services, Inc.

LOCATION

3323 W. Commercial Blvd
Suite 110
Ft. Lauderdale, FL 33309

Vladimir is a Traffic Engineer for Eland Engineering. He has 9 years of experience for a variety of traffic engineering projects including Managing the signal system network and traffic signal operations to maximize roadway safety and efficiency. traffic signal retiming, traffic operations and safety analysis and studies, interchange improvements, access management, neighborhood traffic calming, site impact studies, and manage and oversee the development of Transportation Systems Management and Operations (TSM&O) projects and Intelligent transportation Systems (ITS) projects. He is familiar with various software packages, including ATMS.now, Synchro, SunGuide, AutoCAD, MicroStation, Sidra. Project experience includes:

Districtwide Traffic Signal Retiming Continuing Service, Broward County, FDOT D4- Traffic Signal/ITS Engineer responsible for reporting monthly performance results in the areas of delay savings, fuel savings, emissions reduction, number of signal timing changes, event information, and other information requested by the Department to the Arterial Management Program Operations staff, prioritize and submit for the Department, BCTED and PBC approval the candidate locations/ segments for dynamic signal retiming plans and other types of retiming plans, collect existing physical data for SYNCHRO base model and condition diagrams, develop design turning movement counts, code SYNCHRO simulation of existing conditions, develop timing improvement recommendations, develop signal timing plans and program into signal system software for implementation , develop performance thresholds for TMC Operators to activate and deactivate signal timing plans, fine tune timing plans in the field, and Agency Coordination. *08/2018-current* **(Reference: Allison Glunt, FDOT D4 Project Manager, 954-777-4375)**

Palm Beach County Traffic Department – Signal Timing Engineer responsible for Managing the signal system network and traffic signal operations to maximize roadway safety and efficiency. Develop and implement traffic signal plans and timing sequences using ATMS.now and traffic controllers, including InSync adaptive traffic controller systems and related equipment. Analyze and model different time of day plans and retime traffic signal corridors using Sychri 9. Provide professional guidance and direction to consultants at the Palm Beach County Traffic Management Center (TMC); and consultants and contractors in the design, construction and operations of traffic signals. Review traffic signal plans and permits related to maintenance of traffic projects incident events, coordinate and assist with FDOT project managers and contractors on related roadwork ITS, TSM&O and Adaptive Traffic Control System (ATCS) projects during constructions activities. *03/2017-07/2018*

Florida Department of Transportation – Traffic Engineer, conduct in-depth and timely analyses which include field assessments, application of engineering principles and judgment to identify operational and safety deficiencies. Develop and present briefings, speeches, and presentations of appropriate remedial action. Design and evaluate traffic engineering studies for traffic volumes, speed, accidents, traffic signal warrants and safety improvement. Sign and seal traffic and signal regulations and restriction authorizations. Develop and manage professional and contractual services contracts and other types of agreements that support Traffic Operations Functions. This includes development of documentations for contract funding, project scope and request for proposal related documents, participation on technical review committees, evaluation of contract work products and consultant evaluation. Manage Districts Wide Signal Retiming Contracts. Coordinate with consultants, review and approve progress reports and analyses, process work order, invoices and acceptance of final work. **12/2014-03/2017**

Florida Departments pf Transportation District 4 – Transportation System Management and Arterial System Coordinator, Manage and oversee the development of Transportation Systems

Management and Operations (TSM&O) projects and Intelligent Transportation Systems (ITS) projects; including development of project funding plans and procurement documents, fulfilling the associated coordination with various departments and government agencies. Review and assist in the design, construction and operations of the internet-based communication system and deployment and operation of the Arterial Management Program for the TSM&O section. Review and analyze complex transportation proposals, plans, specifications and data submittals, including serving on project Technical Review Committees. Direct and supervise in-house staff at the Traffic Management Center (TMC) for the Arterial Management Program. Develop standard operating guidelines and procedures for the operations contract and maintenance contract. Assist in the implementation of the Arterial Management Operation and Maintenance programs, as well as developing the program resource needs, functional plans, funding request, and estimate assessment of operations and maintenance performance by department contractors.**10/2013-12/2014**

Kimley-Horn and Associates - Analyst, Transportation Planning and Traffic Operations, develop traffic calming studies for various neighborhoods in Miami-Dade and Broward Counties, considering cut through and speeding traffic to identify operational issues and future traffic conditions. Assist in 3R (resurfacing, restoration, and rehabilitation) safety reviews, including identification and documentation of roadway safety issues for FDOT District 4. Assist in the analysis of railroad crossing delay for FDOT District 4, including South Florida Rail Corridor (SFRC)/CSX corridor and Florida East Coast (FEC) railroad. Develop Traffic Impact Analysis and signal warrant analysis for the approval of private sector projects. *05/2011-10/2013*

AECOM – Florida Department of Transportation District 6, ITS – Operate the Ramp Metering and FL-ATIS system and software (SunGuideNap, 511 Watcher, Express Lanes, Ramp Signaling, Incident Notification). Monitor and document through ClientVue-2 Video Stream Manager and V-Brick. Systems (CCTV) daily operations of traffic on Southeast Florida's Highways. Assist in the development of congestion and incident management via highway detectors (MVDS) and other Intelligent Transportation System (ITS) equipment for the improvement of operations of the FDOT District 6 Region highways. Assist in the development of Warrants for the implementation of Ramp Signaling for FDOT (Highway and Ramp capacity, volume and speed, among others). Establish the necessary parameters for the transition from local to fuzzy ramp metering operations to improve speed and congestion in interstate I-95. Perform quality assurance/quality control (QA/QC) of data, parameters and information used for SunGuide Florida's Intelligent Transportation System (ITS). Collaborate during Freeway Incident Management meeting. Prepare daily and weekly reports of Ramp Metering and FL-ATIS operations. **05/2010-05/2011**

Jesus Mustafa, P.E.

SENIOR ENGINEER STRUCTURES

BMA Consulting Engineering
Transportation Infrastructure & Innovation

PROFESSIONAL REGISTRATION:
PE Florida 43809 (1991).
P.Eng. Ontario, CANADA: 100171457.

EDUCATION AND CERTIFICATES:
Bachelor of Science, California State University, Long Beach (CSULB).
MSCE at CSULB (Drainage); UF/UCF (Structures)
NHI Safety Inspection of In-Service Bridges (2019)
OSHA Fall Protection Course (2019)
FDOT Traffic Control Plan Design Certification
Bridge Inspection, Maintenance and Repair Parts I, II, III, and IV
FDOT PD&E Training
FDOT LRE training

YEARS OF EXPERIENCE: 31

Jesus has worked in highway and interstate design, PD&E, and planning projects since 1986. He has experience in project management, highways and major and complex bridge projects, including PD&E studies on signature bridges, interchange modifications, large multi-level interstate projects, and depressed facilities and tunnels. His Districtwide experience includes serving as manager and EOR for numerous projects with FDOT, County, and with SFWMD Big Cypress Basin.

SPECIFIC EXPERIENCE:

Broward County Continuing Engineering Services for Transportation and GEC Projects Contract No.: RFP No. PNC2114364P1 (on going). BMA is providing Design Services for Four (4) School Zone Flasher Improvement project. Scope includes signalization, signing and marking plans, and utility coordination. Mr. Mustafa serves as Senior Engineer and EOR.

Broward County Project No. 2017-1-288 (Contract: T1368213BI) Bridge Strike Repairs on the bridge located at Sheridan Street (Bridge No. 860155) over Florida's Turnpike. Working for Broward County Highway and Bridge Maintenance Division performed bridge maintenance that included design of repairs to 24 precast AASHTO girder beams including strand replacements from bridge hits, expansion joint systems, and replacement of the pedestrian sidewalk fencing enclosures on both sides of the bridge with associated maintenance of traffic. Perform LRFR load rating. Mr. Mustafa served as Project Manager and EOR.

City of Dania Beach, Bridge No. 864031 located at NW 1st Street at C-10 Canal, for the Inspection, Scoping, and Repair Plans on the bridge. Dania Beach, FL. BMA provided Specialty Engineering responsible to prepare repair plans for work including material specifications, quantities, construction estimate, and provided cursory site inspection of the repairs. Mr. Mustafa served as Project Manager and EOR.

Broward County Design Services for Wiles Rd from University Drive to Riverside Drive, Broward County (R2113749P1). The purpose of the project is to widen the road from 4 lanes to 6 lanes. The proposed 6 lanes widening will transition to the existing 4 lanes at the beginning of the project, just west of University Drive. BMA was responsible for the design of walls, mast arms, and miscellaneous structures. Mr. Mustafa serves as Senior Structural Engineer.

Districtwide Plans Review and On-site Services, FDOT District 4: Mr. Mustafa served as Project Manager, lead reviewer of plan reviews and support services contract for 143 task work orders. Reviews included roadway, drainage, temporary traffic control, signalization, signing and pavement markings, structure and bridge components, ITS, and Landscape Architecture construction documents and reports. Provided extensive in-house support and reviews for off-system LAP projects.

Districtwide Minor Design Contract, FDOT D4. Design and preparation construction contract plans, documents, and special provisions for minor projects RRR, Safety and other services that include 3D Modeling. Serving as Subconsultant, BMA provides structural design.

Districtwide Minor Structures Contract, FDOT District 4. *Served as PM and Senior Structural Engineer for the design of various task-work-order projects that included:*

- I-95 over S, Fork New River emergency repairs.
- I-595 WB Ramp to SR 84 WB (Weston) over drainage pond.
- US 27/SR 80, Belle Glade, special light pilaster supports integrated under sidewalk.
- I-95 / I-595 over N. New River Opaque Visual Barrier and Fence system.

- Sample Road Overpass at Florida's Turnpike.

DW PD&E and Support Services, FDOT District 4. Developing and reviewing engineering and environmental documentation on transportation improvement projects and Project Planning, and Preliminary Engineering. Mr. Mustafa serves as Lead Engineer on this contract. Task work orders included SR 710/Beeline from SR 76 to Palm Beach County Line PD&E Study; SR 714/West Martin Highway Concept Study from Citrus Blvd. to SW Martin Downs Blvd Scrub Jay, Cara-Cara, and gopher tortoises survey; and CR-510 from CR-512/85th St to 66th Ave pre-PD&E.

SR-820/Hollywood Blvd/Pines Blvd form SR-93/I-75 to SR-5/US-1/Young Circle, [FPID: 431770-1] FDOT District 4. The main goal of this project study was to improve connectivity of SR 820/Pines Boulevard/Hollywood Boulevard through bicycle lanes, pedestrian paths, and traffic improvements. There are about 39 individual projects improvements along the segment of SR 820 identified by the District 4 Office of Modal Development in conjunction with the MPO, the City of Hollywood, the City of Pembroke Pines, and the City of Miramar. Mr. Mustafa served as PM and lead designer.

SR-820/Hollywood Blvd/Pines Blvd & Sr-823/Flamingo Rd. [FPID: 431770-2] FDOT District 4. 14 separate segmented Mobility improvements along a 17-mile corridor that included widening, shoulders, bicycle lanes, pedestrian paths, sidewalks, new drainage systems, turn lane extensions, and traffic improvements. Mr. Mustafa served as Project Manager and lead designer.

City of Hollywood Mobility Improvements at Various Locations [FPID: 431770-5] FDOT District 4. 13 separate segmented Mobility improvements on SR 820/Hollywood Blvd., Park Rd., 35th Ave., on 6.7-mile project length that included widening, shoulders, bicycle lanes, shared use lanes, intersection improvements, pedestrian paths, sidewalks, new drainage systems, turn lane extensions, and traffic improvements. Mr. Mustafa served as Project Manager and lead designer.

A1A/Peter P. Cobb Rehabilitation over ICWW, FDOT District 4. Bridge rehabilitation and scour countermeasure drainage revetment analysis for the final stage for a complex marine mattress system that extended more than 1000-ft. across the ICWW. Extensive agency coordination included: FDOT, US Army Corps of Engineers (USACE) and Section 408; South Florida Water Management (SFWMD); US Coast Guard (USCG); National Marine Fisheries Service (NMFS); US Fish and Wildlife Service (USFW). Prepared, submitted and obtained permit approvals within 6 months. Mr. Mustafa served as Sr. Drainage, Permits and Structural Engineer.

SR 70 Resurfacing, Restoration, and Rehabilitation (RRR), FDOT District 4. Rural and urban RRR 10-mile roadway project in St. Lucie County, Florida. Project begins just west of McCarty Road and ends west of I-95. Consisted of minor shoulder widening, signalization, milling and resurfacing. Mr. Mustafa was the Project Manager and EOR for variances; RRR design report; checking and QC of signing, pavement marking plans; maintenance of traffic, drainage and roadway plans and calculations.

SR 824/Pembroke Road RRR from E of I-95 to W of US 1 RRR, FDOT District 4. Milling and resurfacing, installation of pedestrian countdown signals, signing and pavement markings, ADA improvements, implement bicycle lanes, remove unused drop curb at various locations and sidewalk and replace them with roadway pavement and curb returns. As subconsultant to TRACE Mr. Mustafa provide support in structures, peer review of roadway plans, and QC.

I-595 Reversible Lanes Design-Build project, - Broward County, FL. FDOT District 4. The structural design effort consisted of final design and development of complete structural plans for Zones 1, 2, 3, 4 and 6 (total 3 miles) of this project corridor. This is a Public/Private Partnership between ACS/Dragados and the Florida Department of Transportation that includes design-build, toll lanes, and an accelerated schedule. Peer review Concrete and steel bridges, retaining walls, and other structures as required. Prepare and check quantity calculations from plans. Perform shop drawing reviews. Ensure that project needs are met in a timely and effective manner.

DW Plans Review and Support Services. FDOT District 6. The contract includes all necessary engineering, research, and coordination required for reviewing scoping reports, traffic reports, PD E reports, permit packages. Mr. Mustafa serves as Project Manager. He has managed over 660+ plans review assignments under this contract.

Edmundo M. Zevallos

SENIOR DESIGNER - STRUCTURES

BMA Consulting Engineering
Transportation Infrastructure & Innovation

EDUCATION:
MBA, American Inter-Continental University. Weston, Florida. 2010.
BS in Civil Engineering, Catholic University of Guayaquil. Ecuador, 1993

YEARS OF EXPERIENCE: 18

OFFICE: Pembroke Pines

Mr. Zevallos responsibilities as a Bridge Designer have ranged from geometry and layout of retaining walls and concrete bridge structures, to complete detailing for Category 2 steel bridges, to Structural Department CADD Manager responsible for overall production. Mr. Zevallos has hands-on experience with design, plans production, and processes required to maximize quality, profitability, and efficiency. Other tasks have included monitoring work flow, familiarity with current bridge design codes, proposals and pursuits, and on-going projects including conventional design, Districtwide Contracts, and Design-Build.

PROJECT SPECIFIC EXPERIENCE:

Bridge No. 864031 located at NW 1st Street at C-10 Canal, for the Inspection, Scoping, and Repair Plans on the bridge. Dania Beach, FL (2018). BMA provided Specialty Engineering responsible to prepare repair plans for work including material specifications, quantities, construction estimate, and provided cursory site inspection of the repairs. Edmundo worked as Senior Designer.

A1A/Peter P. Cobb Rehabilitation over ICWW, FDOT District 4. Bridge rehabilitation and scour countermeasure drainage revetment analysis for the final stage for a complex marine mattress system that extended more than 1000-ft. across the ICWW. Extensive agency coordination included: FDOT, US Army Corps of Engineers (USACE) and Section 408; South Florida Water Management (SFWMD); US Coast Guard (USCG); National Marine Fisheries Service (NMFS); US Fish and Wildlife Service (USFW). Prepared, submitted and obtained permit approvals within 6 months. Mr. Mustafa served as Sr. Drainage, Permits and Structural Engineer.

I-95/PBIA Interchange Bridge Joint Replacement, Palm Beach County FL, FDOT District 4. This three level directional interchange (total 1.789 miles) connects I-95 with the Palm Beach International Airport. It has fourteen bridges totaling 14,238 linear ft. In this project the scope was to remove and replace existing expansion joints on 8 concrete box girders bridges located at the Palm Beach Airport interchange. Responsible for handling the civil/structural set of plans of projects consisting of conceptual design, front end engineering (FEED) packages, detailed design and construction interface. Preparation of design drawings and material takeoff (MTO) reports for project.

WWRF Disinfection and Effluent Pumping Improvements Project, City of Largo in Pinellas County, Florida. Design and development as specialty engineering team member for a private client project. The project involves deep foundation design and development of technical plans for a water treatment plant as part of a disinfection and effluent pumping improvement project. The scope of the project involved structural design of micro-piles and prestressed concrete piles following AASHTO criteria along with ASTM specification. In addition to other criteria and specifications, FHWA recommendation for micro-pile design was used and providing support to the contractor with FDOT APL list of products.

I-95 and Spanish River Boulevard Interchange Improvements, Palm Beach County, FL. FDOT District 4. Provided design, construction assistance, shop drawings review and performed the load rating (LRFR) (total 4.1 miles) of 14 bridges. Designs and develops plans and drawings, which include the development of preliminary layout and/or final drawings. Participates in quality control checks, maintaining quality standards in all work produced, checking computations, and/or reviewing designs and drawings performed by others.

SR 5/US 1 Replacement of Four Low Level Bridges in Jupiter, FL, Palm Beach County FDOT District 4). This Design-Build project was comprised of the replacement of four low level bridges (total 0.607 miles) over the OFW (over the Outstanding Florida Water Body). This project required extensive coordination with utility companies, permitting agencies, contractor, CE&I as well as local municipalities. Follow design guidelines, standards, and procedures to effectively execute assigned work; create original designs, and work with other designers and engineers; prepare, review and check drawings and submittals; prepare and adhere to assigned budgets and schedules, integrate team efforts, review

Edmundo M. Zevallos

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work, set priorities, identify and resolve issues in a timely manner and communicate status to lead engineers.

I-595 Reversible Lanes Design-Build project, Broward County, FL, FDOT District 4. The structural design effort consisted of final design and development of complete structural plans for Zones 1, 2, 3, 4 and 6 (total 3 miles) of this project corridor. This is a Public/Private Partnership between ACS/Dragados and the Florida Department of Transportation that includes design-build, toll lanes, and an accelerated schedule. Create, maintain and edit design drawings and construction plans for this transportation project. (Concrete and steel bridges, retaining walls, and other structures) as required. Prepare and check quantity calculations from plans. Perform shop drawing reviews. Ensure that project needs are met in a timely and effective manner.

SR-9/I 95 Design-Build Bridge over Box Culvert South of 45th Street, Palm Beach County, FL. FDOT District 4. This design-Build project with Hubbard Construction Company (total 1600 ft 0.303 miles) involved the construction of new 60-foot single span bridge over an existing quadruple box culvert, and the associated highway, drainage, S&M and MOT design and plans preparation. Development of plans and sections for roadway and structural drawings. Reviews and resolves 3D model interferences/clashes.

SR 5/US 1 from SW 37 Avenue to Ponce DeLeon Blvd. FDOT District 6. Safety improvements that includes realignment and reconstruction of an urban roadway of 0.5 miles. Edmundo prepared all the structural components sets and miscellaneous design for the project. The structural Category 2 re-habilitation of the Aesthetic Level 3 Pedestrian Overpass increased in length by 20%. Edmundo served as Structural Designer.

Fishing Pier Project, City of Sunny Isles, FL (2009–2010). This project involved producing bridge production plans, superstructure and substructure reinforcement details and quantities of reinforcement (total 602 ft). Responsible for primarily site/civil Plans design. Responsibilities include providing Plans design, development and management on civil engineering structures. Reported to the Senior Structural Designer working closely with project managers, project engineers, designers.

Pedestrian North Bay Bridge Project, City of Sunny Isles, FL (2008–2009) This project involved producing bridge production plans, superstructure and substructure reinforcement details and quantities of reinforcement. Edmundo handled the structural plans preparation for the project (total 400 ft). Responsibilities include Prepares project plan and detail sheets, makes accurate revisions to plans based on mark-ups, perform quantity take-offs, and Assist with backup of files as needed.

SR 916/ NW/NE 135th Street from NW 6th Avenue to West of US-1/ SR-5/Biscayne Boulevard, FDOT, District 6. This two-part project consist of Resurfacing, Rehabilitation, and Restoration of SR 916/NW/NE 135th Street from NW 6th Avenue to west of US-1/SR-5/Biscayne Blvd. [FPID: 429346-1-32-01] and Safety Improvement to the intersections of SR 909/West Dixie Highway at SR 916 and SR 915/Memorial Hwy. at SR 916. Edmundo performed structures design of the SR 916 bridge over Biscayne Canal (C-8), Mast Arm designs, and Retaining Wall designs.

SR 5/ US 1 at Riviera Drive, FDOT District 6, FM # 433455-2. The project includes safety improvements and reconstruction of 0.2 mile intersection. Edmundo serves as Structural Designer

SR 694/Gandy Boulevard Design Build; Pinellas County, Client: FDOT District 7, length: 1.8 Miles. Project includes the design and reconstruction of SR 694/Gandy Boulevard from west of Martin Luther King Jr. Street N. (9th Street N.) (MLK St. N.) to east of SR 687 (4th Street N.) in Pinellas County. Widening from 4 to 6-lane controlled access facility, including grade-separated interchanges, frontage roads and other work, as well as the replacement of the existing box culvert on 4th Street N. at Tinney Creek (north of Koger Boulevard).

SR 934/Hialeah Expressway, Miami-Dade County, FL. FDOT District 6 (2003–2006). Provided design, construction assistance, shop drawings review and performed the load rating (LRFR) (total 2 miles) of the bridges. Designs and develops plans and drawings, which may include the development of preliminary layout and/or final drawings. Participates in quality control checks, maintaining quality standards in all work produced, checking computations, and/or reviewing designs and drawings performed by others.

R nald Spencer, P.E.

SENIOR ENGINEER ROADWAY, SIGNALIZATION & LIGHTING

BMA Consulting Engineering
Transportation Infrastructure & Innovation

PROFESSIONAL REGISTRATION:
Professional Engineer Florida # 39141
Professional Engineer California # 49743

EDUCATION:
B.S., Civil Engineering, Clemson University, 1967

YEARS OF EXPERIENCE: 44

OFFICE: Pembroke Pines

Mr. Spencer has been involved in the practice of civil engineering for more than 40 years. He is experienced in Project Management, General Engineering Consultant Project Management Activities, Consultant Plan Reviews, FDOT Design procedures, i.e. Plans Preparation Manual, Design Standards, MUTCD, and AASHTO, FDOT's Long Range Estimates Program, also Post Design Construction Services. Provided Utility Coordination on State and County projects.

PROJECT SPECIFIC EXPERIENCE:

Broward County Continuing Engineering Services for Transportation and GEC Projects Contract No.: RFP No. PNC2114364P1 (on going). BMA is providing Design Services for Four (4) School Zone Flasher Improvement project. Scope includes signalization, signing and marking plans, and utility coordination. Mr. Spencer serves as roadway EOR.

Broward County Project No. 2017-1-288 (Contract: T1368213BI) Bridge Strike Repairs on the bridge located at Sheridan Street (Bridge No. 860155) over Florida's Turnpike. Working for Broward County Highway and Bridge Maintenance Division performed bridge maintenance that included design of repairs to 24 precast AASHTO girder beams including strand replacements from bridge hits, expansion joint systems, and replacement of the pedestrian sidewalk fencing enclosures on both sides of the bridge with associated maintenance of traffic. Perform LRFR load rating. Mr. Spencer served as assistance PM.

Bridge No. 864031 located at NW 1st Street at C-10 Canal, for the Inspection, Scoping, and Repair Plans on the bridge. Dania Beach, FL (2018). BMA provided Specialty Engineering responsible to prepare repair plans for work including material specifications, quantities, construction estimate, and provided cursory site inspection of the repairs. Mr. Spencer performed QC. *Reference: Henry Louden, Bluewater Builders, Inc. (954) 753-7233*

Broward County Design Services for Wiles Rd from University Drive to Riverside Drive, Broward County (R2113749P1). The purpose of the project is to widen the road from 4 lanes to 6 lanes. The proposed 6 lanes widening will transition to the existing 4 lanes at the beginning of the project, just west of University Drive. BMA was responsible for the design of walls, mast arms, and miscellaneous structures. Mr. Spencer worked as QC Engineer and provided coordination support.

Districtwide Minor Design Contract, FDOT D4. Design and preparation construction contract plans, documents, and special provisions for minor projects RRR, Safety and other services that include 3D Modeling. Serving as Subconsultant, BMA provides structural design.

FM 230377-1-32-04, DW Plans Review, Florida Department of Transportation, District 4. Mr. Spencer served as Project Manager on this Districtwide Plans Review and Support Services Contract for 143 task work orders that included: Peer review of the design and preparation of plans for highways that included Major Highway Design and Controlled Access Highway Design. Task work orders covered reviews of plans prepared for cities, counties, through the Local Agency Program (LAP) and FDOT projects.

DW PD&E and Support Services, FDOT District 4. Developing and reviewing engineering and environmental documentation on transportation improvement projects and Project Planning, and Preliminary Engineering. Mr. Spencer served as TTC and roadway engineer on this contract. Task work orders included SR 710/Beeline from SR 76 to Palm Beach County Line PD&E Study; SR 714/West Martin Highway Concept Study from Citrus Blvd. to SW Martin Downs Blvd Scrub Jay, Cara-Cara, and gopher tortoises survey; and CR-510 from CR-512/85th St to 66th Ave pre-PD&E.

SR-820/Hollywood Blvd/Pines Blvd form SR-93/I-75 to SR-5/US-1/Young Circle, [FPID: 431770-1] FDOT District 4. The main goal of this project study was to improve connectivity of SR 820/Pines Boulevard/Hollywood Boulevard through bicycle lanes,

pedestrian paths, and traffic improvements. There are about 39 individual projects improvements along the segment of SR 820 identified by the District 4 Office of Modal Development in conjunction with the MPO, the City of Hollywood, the City of Pembroke Pines, and the City of Miramar. Mr. Spencer served as EOR.

SR-820/Hollywood Blvd/Pines Blvd & Sr-823/Flamingo Rd. [FPID: 431770-2] FDOT District 4. 14 separate segmented Mobility improvements along a 17-mile corridor that included widening, shoulders, bicycle lanes, pedestrian paths, sidewalks, new drainage systems, turn lane extensions, and traffic improvements. Mr. Spencer served as EOR.

City of Hollywood Mobility Improvements at Various Locations [FPID: 431770-5] FDOT District 4. 13 separate segmented Mobility improvements on SR 820/Hollywood Blvd., Park Rd., 35th Ave., on 6.7-mile project length that included widening, shoulders, bicycle lanes, shared use lanes, intersection improvements, pedestrian paths, sidewalks, new drainage systems, turn lane extensions, and traffic improvements. Mr. Spencer served as EOR.

SR 824/Pembroke Road RRR from E of I-95 to W of US 1 RRR, FDOT District 4. Milling and resurfacing, installation of pedestrian countdown signals, signing and pavement markings, ADA improvements, implement bicycle lanes, remove unused drop curb at various locations and sidewalk and replace them with roadway pavement and curb returns. Mr. Spencer provided support in peer review of roadway plans, and QC.

SR 70 (at Florida's Turnpike) Milling and Resurfacing. FDOT District 4. The SR 70 RRR project located in St. Lucie County is a 3-mile long section of highway. The portion from east of 10 Mile Creek (West of McCarty Rd) is 4-lane divided rural section ending at Gordy Road. From Gordy Road to the East Edge of the Turnpike Bridge is an urban 4-lane divided roadway. The scope of work includes milling and resurfacing the existing pavement, MOT plans, signing and pavement markings, utility coordination, pavement design and implementing required minor safety improvements in accordance with District IV's current Policy. Mr. Spencer served as lead Engineer.

Eller Drive, Ft. Lauderdale, Florida. Florida Department of Transportation – District 4. This ICTF project consists of elevated express lanes from Interstate 595 to Port Everglades. Mr. Spencer serves as lead in the design and preparation of plans, responsible area of work consisted of all surface streets affected by new elevated express lanes. Surface street work includes widening, new construction and resurfacing. Additional work areas included MOT, Rail Road coordination and accommodation of airport and seaport traffic on surface streets with 13 Utility Agency Owners.

Florida Department of Transportation, District 4. Mr. Spencer Provided In-house Project Management services to FDOT District IV for Consultant Management. During the eight and one-half month duration of this assignment, Mr. Spencer became very sensitive to the needs of the Department, and the Department's expectation of the Consultant Community.

Florida Turnpike – General Consultant Program Management Activities. Mr. Spencer provided Consultant Plans Review, Typical Section Package Review, Design Variation / Exception Package Review, and Preparation of Independent Staff hour estimates. Performed over one hundred consultant plan reviews.

SR 932/NW 103 Street/W 49 Street from SR 826/Palmetto Expressway Interchange to West 12 Avenue, Miami-Dade County. FDOT District 6. The project includes Repaving and restriping the roadway, Modifying existing medians, improving turning lanes, modifying existing driveway access, Installing high emphasis crosswalks, Improving traffic signals, Upgrading pedestrian and traffic signage. Mr. Spencer serves as EOR.

SR 5/ US 1 from SW 37 Avenue to Ponce Deleon Boulevard. Miami-Dade County. FDOT District 6. Safety improvements that includes completed reconstruction of the s-curved alignment on a urban 6-lane urban roadway facility, 0.5 miles long. Senior Engineer leading roadway traffic control and drainage services under Lakes Engineering (prime).

SR 5/ US 1 at Riviera Drive, Miami-Dade County. FDOT District 6, FM # 433455-2. Safety improvements and reconstruction of 0.2-mile intersection. Senior Engineer leading roadway and drainage services under Lakes Engineering (prime).

Louis . Reis, P.E.

SENIOR ENGINEER – SIGNALIZATION & LIGHTING

PROFESSIONAL REGISTRATION:
PE Florida 40215

EDUCATION:
Bachelor of Science in Civil Engineering, Louisiana Tech University, Ruston, Louisiana, 1983

YEARS OF EXPERIENCE: 32

OFFICE: Ocoee

BIO:
Mr. Reis has been involved in the practice of civil engineering for more than 32 years that includes serving as the **Florida's Turnpike Enterprise Design Engineer** and as the FDOT **State Project Management Engineer** and **State Project Development and Environmental Engineer**. Mr. Reis also served for seven years in FDOT District 5. Mr. Reis brings a wealth of experience on the Department's procedures and processes. He is experienced in Project Management, Quality Assurance, signalization, preparing IMR/IJR documents, and Project Development and Environmental Engineering (PD&E). He has worked on over twenty significant projects in his career including more than 9 Interstate projects.

PROJECT SPECIFIC EXPERIENCE:

DW PD&E and Support Services, FDOT District 4. Developing and reviewing engineering and environmental documentation on transportation improvement projects and Project Planning (Corridor Location), Preliminary Engineering (Feasibility Studies, Conceptual Design and PD&E), Environmental Studies, implementation of Efficient Transportation Decision Making (ETDM), Sociocultural Effects Studies, traffic, and transit studies. Task work orders included SR 710/Beeline from SR 76 to Palm Beach County Line PD&E Study; SR 714/West Martin Highway Concept Study from Citrus Blvd. to SW Martin Downs Blvd Scrub Jay, Cara-Cara, and gopher tortoises survey; and CR-510 from CR-512/85th St to 66th Ave pre-PD&E. Louis serves as Lead Engineer.

General Engineering Consultant Services, FDOT, District 5. BMA serves as Subconsultant to Ghyabi. The GEC contract supports the Work Program for District 5 and the operation, maintenance and construction of the state highway system with a focus on Transportation Development and Transportation Operations, including planning, PD&E, design, surveying, construction, traffic operations and maintenance. Projects assigned to BMA include: Indian River Lagoon National Scenic Byway – US 1 Signing Plan Update, Scenic Sumter Heritage Byway – Rutland Park Kiosk PD&E, Heritage Crossroads Scenic Highway – Bunnell Pocket Park PD&E. Mr. Reis serves as Senior Engineer responsible of the task work orders.

DW Plans Review and Support Services. FDOT, District 6.
The contract includes all necessary engineering, research, and coordination required for reviewing scoping reports, IJR/IMR documents, traffic reports, PD&E reports, and permit packages. Louis serves as Chief Engineer for the review of PD&E Reports.

SR 916/ NW/NE 135th Street from NW 6th Avenue to West of US-1/ SR-5/Biscayne Boulevard, FDOT, District 6. This two-part project consist of Resurfacing, Rehabilitation, and Restoration SR 916/NW/NE 135th Street from NW 6th Avenue to west of US-1/SR-5/Biscayne Blvd. and Safety Improvement to the intersections of SR 909/West Dixie Highway at SR 916 and at SR 915/Memorial Hwy. and SR 916. Mr. Reis serves as Quality Assurance Engineer.

Florida's Turnpike Enterprise (FTE), Turnpike Program Management Engineer. *Reference: Michael Shannon, PE., Turnpike Production Engineer, (407) 532-3999*
Manage and supervise the Program Management Office of the Turnpike Enterprise. This included budgeting, supervision, oversight, and strategic planning.

FTE, Turnpike Design Engineer.
Manage and supervise the Project Management and Design Office of the Turnpike Enterprise. This included budgeting, supervision, design oversight, and strategic planning. The following are specific responsibilities for this position:

- Managed the Production's General Engineering Consultant Contract
- Technical Review Committee for all design consultant acquisitions
- Approver for Design-Build Alternative Technical Concepts

Louis G. Reis, P.E.

SENIOR ENGINEER – SIGNALIZATION & LIGHTING

BMA Consulting Engineering
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- Review and approve all Design Variations, and Exceptions
- Review and approve Typical Sections, and Pavement Designs

Central Office Project Management, State Project Management Engineer.

State Wide Processes

- Development of the Project Management Handbook, Second Edition
- Coordinated Statewide Scheduling Assessment
- Moderator for the Project Development Environment Standard Scope and Staff Hour Estimates
- Participate in Statewide Process Review for Errors and Omissions Procedure
- Accelerated Project Delivery

Central Office Environmental Management. State Project Development Engineer & State Contamination Coordinator. *Reference: Robert Quigley, P.E., State Project Management Eng. (Robert.Quigley@dot.state.fl.us), 850-414-4356.*

- Author of Part 1, Chapters 9 and 11, and Part 2, Chapters 4, 5, 6, 22, and 24 of the Project Development and Environmental Manual
- Author of Chapter 16 of the Project Managers Handbook
- Author of Chapter 6 of the Efficient Transportation Decision Making Guidelines
- Developed Statewide Standard Scope of Services, and Staff Hour Estimates for Project Development and Environment

Miscellaneous Project Management

- Gopher, Frog and Alligator Rail Trail, Franklin, Wakulla and Leon Counties, Florida. Project included the documentation of the Project Development and Environment study for the conversion of an abandoned railroad corridor into a multi-use trail through the Apalachicola National Forrest.
- Blackwater Heritage Trail, Santa Rosa County. Enhancement Project with DEP for the design and construction of a multiuse trail, and trailhead facilities.
- Cross Florida Greenway Withlacoochee River Crossings, Citrus County. Enhancement Project with DEP for the design of a multi-use trail bridges over the Withlacoochee River.
- Cross Florida Greenway Crossings, Marion and Citrus Counties, Florida. Project included the analysis and documentation associated with the concepts for the Cross Florida Greenway Multi-use trail crossings at six roadways and one river.
- Development of wildlife barriers at, US Highway 441 at Pains Prairie, Alachua County, Florida, and SR A1A Bridge over Sebastian Inlet, Brevard County, Florida

FDOT District 5, Project Development and Environment, Project Manager .

Responsibilities on the following projects included the development of concepts, evaluation of traffic and environmental impacts, coordination with Federal Highway Administration and local governments, prepare and conduct public hearings:

- Beach Line Expressway Interchange at SR 436, Orlando, Florida
- I-95 Interchange at SR 514, Brevard County, Florida
- I-95 Interchange at SR 528, Brevard County, Florida
- I-95 Interchange at Port St. John, Brevard County, Florida
- I-4 Interchange at CR 46A, Seminole County, Florida
- Pineda Expressway from US Highway 1, to I-95, Brevard County, Florida
- SR 3 Bridge over Canaveral Barge Canal, Brevard County, Florida

Development of concepts, traffic projections and evaluations, development of FHWA Interchange Modification or Justification:

- I-95 Interchange at Port St. John, Brevard County, Florida
- I-4 Interchange at CR 46A, Seminole County, Florida
- I-95 Interchange at Pineda Expressway, Brevard County, Florida
- Beach Line Expressway Interchange at SR 436, Orlando, Florida
- I-95 Additional Lanes, from Indian River County to St. Johns County

Victor Keneiby, PE

SENIOR ENGINEER - LIGHTING

BMA Consulting Engineering
Transportation Infrastructure & Innovation

PROFESSIONAL REGISTRATION:
P.E. Florida # 83640
P.E. New York # 073579

EDUCATION:
BS in Civil Engineering, University at Buffalo – SUNY, 1985

YEARS OF EXPERIENCE: 30

OFFICE: Pembroke Pines

Mr. Keneiby has over 30 years of professional experience in Engineering, which includes experience in Construction, Roadway and Drainage design. Responsibilities included highway design; specifications and cost estimates; supervise the production of right-of-way maps and survey sketches. He coordinated with resident project managers/ engineers on construction of county capital highway projects.

PROJECT SPECIFIC EXPERIENCE:

BMA Consulting Engineering, Inc.

Broward County Continuing Engineering Services for Transportation and GEC Projects Contract No.: RFP No. PNC2114364P1 (on going). BMA is providing Design Services for Four (4) School Zone Flasher Improvement project. Scope includes signalization, signing and marking plans, and utility coordination. Mr. Keneiby serves as Senior Engineer in drainage.

City of Dania Beach, Bridge No. 864031 located at NW 1st Street at C-10 Canal, for the Inspection, Scoping, and Repair Plans on the bridge. Dania Beach, FL. BMA provided Specialty Engineering responsible to prepare repair plans for work including material specifications, quantities, construction estimate, and provided cursory site inspection of the repairs. Mr. Keneiby provide deck runoff calculations.

DW PD&E and Support Services, FDOT District 4. Developing and reviewing engineering and environmental documentation on transportation improvement projects and Project Planning, and Preliminary Engineering. Mr. Keneiby provided roadway engineering support on this contract. Task work orders included SR 710/Beeline from SR 76 to Palm Beach County Line PD&E Study; SR 714/West Martin Highway Concept Study from Citrus Blvd. to SW Martin Downs Blvd Scrub Jay, Cara-Cara, and gopher tortoises survey; and CR-510 from CR-512/85th St to 66th Ave pre-PD&E. Support in drainage and permitting as related to PD&E reports.

SR-820/Hollywood Blvd/Pines Blvd form SR-93/I-75 to SR-5/US-1/Young Circle, [FPID: 431770-1] FDOT District 4. The main goal of this project study was to improve connectivity of SR 820/Pines Boulevard/Hollywood Boulevard through bicycle lanes, pedestrian paths, and traffic improvements. There are about 39 individual projects improvements along the segment of SR 820 identified by the District 4 Office of Modal Development in conjunction with the MPO, the City of Hollywood, the City of Pembroke Pines, and the City of Miramar. Mr. Keneiby served as drainage engineer.

SR-820/Hollywood Blvd/Pines Blvd & Sr-823/Flamingo Rd. [FPID: 431770-2] FDOT District 4. 14 separate segmented Mobility improvements along a 17-mile corridor that included widening, shoulders, bicycle lanes, pedestrian paths, sidewalks, new drainage systems, turn lane extensions, and traffic improvements. Mr. Keneiby served as drainage engineer.

City of Hollywood Mobility Improvements at Various Locations [FPID: 431770-5] FDOT District 4. 13 separate segmented Mobility improvements on SR 820/Hollywood Blvd., Park Rd., 35th Ave., on 6.7-mile project length that included widening, shoulders, bicycle lanes, shared use lanes, intersection improvements, pedestrian paths, sidewalks, new drainage systems, turn lane extensions, and traffic improvements. Mr. Keneiby served as drainage engineer.

SR 916/NE 135 Street at NE 12th Avenue. FDOT District 6. The scope of services included roadway elements associated with the safety improvements (roadway and traffic control plans, signing and marking, structural plans, drainage plans, and utility components). Mr. Keneiby served as drainage engineer.

SR-916/NW/NE 135 Street from NW 6 Avenue to SR-5/ Biscayne Boulevard, FDOT District 6. The projects consisted of milling and resurfacing the existing roadway; install pavement markings after resurfacing which includes high emphasis pedestrian crosswalks at school zones, stop bars, standard yellow and white line striping, arrows, and messages. Install complete pedestrian signalization features at

signalized intersections, excluding recent safety upgrades, reconstruct curb ramps up to current standards and add detectable warning surface, where missing. Mr. Keneiby served as drainage engineer.

DW Plans Review and Support Services. FDOT District 6. The contract includes all necessary engineering, research, and coordination required for reviewing scoping reports, traffic reports, reports, permit packages. Mr. Keneiby served as drainage reviewer.

Suffolk County Dept. of Public Works Highway Design & Construction.

CR 12, Oak St. from CR 1 to Garfield Ave. The project length was 2.7 miles long and construction costs of $8.1M. Design duration of this project was from 04/15-07/16 Project is currently under construction. Design consisted of the installation of new drainage system, curb, ADA compliant sidewalks and asphalt resurfacing as well as pavement markings, signage and traffic signal improvements. Mr. Keneiby developed multiple alternatives with construction estimates and made recommendations to the chief engineer on preferred alternatives. He then proceeded with the preparation of final contract plans.

CR 13 Crooked Hill Road from CR 7 to CR 106. Project is a mile long and construction cost was $3.7M. The design duration was from 09/13-03/15. The project included the design of horizontal and vertical profiles, design of positive drainage system, expansion of recharge basins, curb, sidewalk, full depth pavement section and traffic improvements. This Project is now complete.

CR 73 Roanoke Ave. from Main St. to traffic circle (01/14-03/15). Project length is 1.5 miles long and construction cost $3.5M. Drainage design involved the installation of storm water treatment units prior to discharging into surface waters, preparation of sediment and erosion control plan, a SWPPP and obtaining NYSDEC permit. Additionally, curb, sidewalks installation, grading, paving and traffic signal improvements. Project construction is complete.

North Fork Preserve, Riverhead, NY. This Nature Preserve is over 200 acres with drainage problems causing flooding conditions to adjacent roadways. The design tasks included the evaluation of the area topography, performing multiple deep soil borings and calculating the watershed. The proper design was to contain all the runoff within the preserve even under most extreme situations and without altering or compromising the integrity of the preserve.

Deer Park, NY, Park and Ride expansion and upgrade. Design included clearing and grubbing, drainage installation, pavement markings and lighting. Construction cost is $1.7M.

Intersection improvement of County Road 67 at Adams Avenue, Hauppauge, NY. Cost $1.6M. Design included ROW acquisition to widen the intersection, change lanes configuration and install new traffic signal.

Worked closely with ***FEMA*** to restore eroded shore lines and damaged County Roadways caused by super storm Sandy.

Median improvement project on various County Roads. This is ongoing design build project with annual budget of $500k.

Guide rail upgrade project on various County Roads. This is ongoing improvement with annual budget of $500k.

Sidewalk improvement project on various County Roads. This Project is part of a comprehensive plan to bring all sidewalks on County Roads to comply with ADA and PROWAG requirement with over a $1M budget.

Design Multiple Suffolk County Parks and Beaches Parking Lots. Design included the installation of drainage structures, curb, sidewalks, lighting, paving and pavement markings. Some designs included the installation of rain gardens and permeable concrete and asphalt pavement. Total construction cost is over $20M.

Highway design and construction projects.
Mr. Keneiby responsibilities included calculate watersheds, design drainage systems, grade roadways, and design alignments. He also designed curbs, sidewalks, and final pavement. He coordinated with various utility companies to get their facilities plans and test holes information. He coordinated with Traffic section to incorporate their work into projects. He calculated all items quantities needed for construction and generated final contract plans and cost estimates. Representative projects include:

- ***CR 80 in the vicinity of Auborn Ave.***
- ***CR 80 at East Tiana,***
- ***Shirley Marina access roadway and parking lot,***
- ***Intersection of CR 93 at Johnson Ave.***

Jesus Borjas

ENGINEER - LIGHTING

EDUCATION:
BS in Mechanical Engineering, University of Zulia, Venezuela, 2011

OTHER CERTIFICATIONS:
OSHA Fall Protection Course 2019
Emergency Brigades Training
Financial Planning and Budget Control

YEARS OF EXPERIENCE: 7

OFFICE: Pembroke Pines

BIO:
Mr. Borjas experience includes signalization, utility coordination, conditions assessments of structural, mechanical, electrical, and hydraulic systems, design and prepare projects, plans production, preparation of reports, and NHI inspections.

PROJECT SPECIFIC EXPERIENCE:

Continuing Engineering Services for Transportation and GEC Projects Contract No.: RFP No. PNC2114364P1 (on going). BMA is providing Design Services for Four (4) School Zone Flasher Improvement project. Jesus is responsible of signal plans and utility coordination.

Contract # NNK12CA17B, NASA/John F. Kennedy Space Center, Bridge Inspection. BMA serves as sub to AECOM to inspect the two NASA Causeway bridges (eastbound and westbound) over the Indian River from abutment to abutment. BMA provided staff to inspect the approach spans substructure and superstructure, bascule piers and control house, bascule leaves, movable bridge mechanical, signals, and movable bridge electrical systems in line with NBIS and generate a report accordingly.

Contract #E6J97 Repair/Rehabilitation of Bridge No. 900101 (7-mile bridge), SR-5/ Overseas Highway Over Moser Channel, FDOT District 6. BMA's scope of work includes pre-construction inspection and post-construction inspection at 17 Piers. Jesus responsibilities includes to support inspection of the existing pier-column to be repaired as well as the bridge superstructure prior to bridge jacking and after bridge has been jacked and locked in place. Also, inspect other adjacent pier columns to verify that no structural distress has occurred due to the jacking operation.

DW Plans Review and Support Services. FDOT District 6. The contract includes all necessary engineering, research, and coordination required for reviewing scoping reports, traffic reports, PD E reports, permit packages. Jesus is responsible for the inspections and report assignments.

City of Hollywood Mobility Improvements at Various Locations [FPID: 431770-5] FDOT District 4. 13 separate segmented Mobility improvements on SR 820/Hollywood Blvd., Park Rd., 35th Ave., on 6.7-mile project length that included widening, shoulders, bicycle lanes, shared use lanes, intersection improvements, pedestrian paths, sidewalks, new drainage systems, turn lane extensions, and traffic improvements. Mr. Borjas served in CAD.

PDVSA Servicios Petroleros, S.A. (2012-2018)

Jesus' responsibilities included:

- Analyzing and reporting operational budget variances.
- Tracking and record departments' assets.
- Preparing and presenting detailed reports.
- Planning staff task/responsibilities in several offices at national level.
- Establish and reinforce maintenance and safety procedures.
- Collecting and reporting on Facility Management data.
- Performed conditions assessments of mechanical, electrical, and hydraulic systems in the facilities to ensure functionality.

DANIEL CHECCHIA

Vice President of Location Services



Mr. Checchia has over 21 years of experience in transportation engineering, surveying, civil design and construction related fields, with expertise in Subsurface Utility Engineering (SUE), including Utility Coordination. His duties are to oversee the day-to-day operations of all Subsurface Utility Engineering and Coordination projects for our firm. Mr. Checchia is responsible for assisting clients with utility research, identification, data management and coordination. Besides having developed a strong rapport with local utilities and municipalities, his knowledge and experience in the Subsurface Utility Engineering process allows him to easily recognize utility conflicts during design and construction. He has been involved on a variety of projects such as design, design build and private sector work. Mr. Checchia's understanding of the Quality Levels in the ASCE Guidelines enables him to manage a project from pre-design to post construction, negotiating to minimize utility impacts and suggesting and implementing cost effective timely resolutions for utility conflicts. Mr. Checchia is fully knowledgeable of the FDOT Utility Coordination process, with eight years of involvement working on multiple types of transportation projects.

Years of Experience
21

Education
AS of Applied Science in Construction Technology, Suffolk County Community College, 2008

Professional Affiliations
Founding Board of Director-SUE Association

Transportation & Expressway Authority Membership of Florida (TEAM FL)

Florida Utility Coordination Committee (FUCC)

Certifications
FDOT Maintenance of Traffic

Issues Affecting SUE

Risk Management and Professional Liability in SUE

Rebuilding America's Infrastructure

SAFE PIPES Act and Related Legislation

RELEVANT PROJECT EXPERIENCE

Federal Highway (US-1) Beautification Project, Delray Beach, FL: Mr. Checchia served as the Project Coordinator for this project that includes US-1 (Federal Highway) in Delray Beach from just South of S.E. 10th Street to just North of N.E. 8th Street. This project provides the subsurface utility engineering (SUE) locations to support design services necessary to decrease the current three-lane configuration of US-1 (Federal Highway) through the downtown area to a two-lane roadway with additional parking, walkways and landscaping. This project required utility designation services and over 150 utility test holes throughout the project limits to verify potential conflicts. The firm also conducted a survey of over 220 drainage structures throughout the corridor.

FDOT District 4 I-75, Broward County, FL: During his six years with FDOT D4, Mr. Checchia was a member of the I-75 cross slope analysis comparison team. I-75 was an advanced technical project that involved comprehensive survey knowledge of conventional, road profiling, pavement evaluation, LAMP, fixed wing and global positioning system (GPS) procedures. He worked with other District personnel as well as consultant team members to conduct test and analyze results. He was responsible for research, data acquisition, materials and presentation organization. Mr. Checchia was responsible for training and educating field personnel on equipment and software applications.

FDOT District 4 I-95 Express Phase 3A-2, Broward County, FL: This project from North of Commercial Boulevard to SW 10th Street, is a contribution of the I-95 Express Lanes within Broward County to enable Design/Build firms to have knowledge of identified conflicts within the project limits that must either be adjusted at the Design/Build firm's expense or they must design to avoid impacts. Mr. Checchia participated in the identification of potential impacts and assisted several cities with their understanding of the State's expectation for coordination and relocation.

Design Engineering Services for SR 874 (Don Shula Expressway) Roadway Modification, Miami-Dade Expressway Authority, FL: Mr. Checchia provided designating (ASCE Quality Level B) Mr. Checchia provided designating (ASCE Quality Level B) and locating (ASCE Quality Level A) Subsurface Utility Engineering services to map the vertical and horizontal position of underground utilities within project limits of the proposed expressway modification from Southwest 88th Streets (Kendall Drive) to South of State Road 826 (Palmetto Expressway)/ State Road 874 Interchange. utilities.

Engineering Inspired Design.

MARK MITCHELL

Senior Utility Coordinator



Years of Experience
20

As a Subsurface Utility Engineering Senior Project Manager for KEITH's Utilities Division, Mr. Mark Mitchell is responsible for scheduling and supervising field crews, conducting utility field meetings, utility records research, conflict analysis and determining if additional utility investigation is needed for assigned projects in South Florida. He completed projects from beginning phases to final delivery; which included preparing and submitting fee proposals, coordinating with clients, being able to setup projects for field crews and conducting field visits when trouble shooting is required; download and process collected data; performed quality control and finalize for delivery while keeping clients informed on a daily basis. His experience also includes creating DTM's, Topo's, Tin Models, PNC's and Test Hole summary spread sheets. Mr. Mitchell provides a liaison between designers, utility agencies and owners on behalf of clients to provide utility coordination services, providing documentation, inter-coordination and maintenance of files of all activities for each utility agency.

RELEVANT PROJECT EXPERIENCE

FDOT District 4 Dixie Highway Flyover Design-Build, Broward County, FL: Originally this project was expected to follow the traditional Design, Bid, Build process, but was converted to a Design-Build. In order to meet the Department's aggressive schedule for advertisement, the bid package creation was placed on a fast track. Being part of the original design team providing Subsurface Utility Engineering and design survey services, Mr. Mitchell was contracted to provide additional Subsurface Utility Engineering and survey services required to help finalize the bid plans. It was his past experience and vast available resources that made it possible to meet the designer's needs and schedule and ultimately those of the Department.

Design Engineering Services for SR 874 (Don Shula Expressway) Roadway Modification / Miami-Dade Expressway Authority / Miami-Dade County, FL: Mr. Mitchell provided designating (ASCE Quality Level B) and locating (ASCE Quality Level A) Subsurface Utility Engineering services to map the vertical and horizontal position of underground utilities within project limits of the proposed expressway modification from Southwest 88th Street (Kendall Drive) to South of State Road 826 (Palmetto Expressway)/ State Road 874 Interchange.

Briny Avenue Streetscape Improvements, Pompano Beach, FL: This project involved the reconstruction of East Atlantic Boulevard from A1A to Pompano Beach Boulevard/Briny Avenue including wider sidewalks, revised parking configurations and lanes. KEITH provided professional services for a design survey as well as the designation and location of subsurface utilities along Briny Avenue from the south right-of-way line of Atlantic Boulevard to the south end of Briny Avenue.

All Aboard Florida Miami Grand Central Station, Miami-Dade County, FL: KEITH was tasked with providing Subsurface Utility Engineering (SUE) Quality Level (B) utility designation services along 7,840' linear feet generally between NW 1st Avenue from NW 1st Street to north of NW 8th Street for the proposed All Aboard Florida Miami Grand Central station. The utility investigation consisted of passive/active designation methods and Ground Penetrating Radar. All tone able and non-tone able utilities were identified to help the design team identify potential conflicts with existing utilities.

Martin Luther King Jr. Boulevard, Pompano Beach, FL: As the field supervisor, Mr. Mitchell was tasked with providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services to assist the design engineer on accurately identifying the existing utilities in order to mitigate conflicts with the proposed design.

KEITH

LEE POWERS, PSM

Director of Surveying & Mapping



Mr. Lee Powers has over 14 years of experience in land surveying and mapping in South Florida. He has worked with many local municipalities and government agencies to create and/or modernize their GIS Systems. He has also performed construction, right-of-way, control, ALTA, boundary, as-built and topographic (both acreage and coastal) surveys. He has extensive laser scanning experience with a particular emphasis on architectural modeling, historical preservation and infrastructure monitoring. He is well-versed in the scan-to-model workflow. He coordinates our BIM/VDC staff to ensure a quality and accurate model. Mr. Powers has extensive Project Management experience for large-scale projects and continuing service type contracts for both public and private sector clients. He is knowledgeable in the use of a wide range of state-of-the-art surveying equipment and associated computer technologies. He has extensive experience in field crew supervision, quality control and client relations.

Years of Experience
14

Education
B.S. Land Surveying & Geomatics Engineering, Purdue University, West Lafayette, Indiana 2005

Professional Registrations
Registered Professional Surveyor & Mapper, State of Florida, #6805 (2010)

Professional Affiliations
BIM Smart Foundation Member

Florida Society of Professional Surveyors & Mappers
American Resort

Certifications
Transportation Worker Identification Credential (TWIC)

FDOT Maintenance of Traffic

RELEVANT PROJECT EXPERIENCE

Engineering Consultant Services for Highway Construction and Engineering Design, Broward County, FL: As a subconsultant to Atkins, KEITH provided surveying and subsurface utility engineering support for various county-wide transportation and general civil engineering projects. Typical services included design surveys, topographic surveys, water crossing surveys, 3D laser scanning, utility designation, locating and mapping to support project designs as well as post-construction services associated with new traffic signals, signal conversions, mast arm installations, evaluations of existing utilities, roadway widening, bridge rehabs, intersection improvements and school zone improvements among others.

FDOT District 4 Districtwide Survey Contract, Broward, Indian River, Martin, Palm Beach, and St. Lucie County, FL: Mr. Powers served as a Project Surveyor for this General Services Districtwide Contract. Typical project types included right-of-way recovery, stakeout of existing right-of-way, control surveys, right of way mapping, boundary surveys, topographic surveys, Digital Terrain Modeling and setting of aerial targets in support of aerial photogrammetry. This district-wide had over 81 task work orders.

FDOT District 4 SR A1A in Fort Lauderdale, Broward County, FL: Mr. Powers served as the project surveyor for this Control, Design, Right-of-Way and Construction Surveying project. KEITH recovered the baseline of survey from the 17th Street Causeway to NE 20th Street. Also included in this project was a Topographic Survey of the beach from Sunrise to NE 18th Street. The team was also required to perform the necessary utility locates. This Topographic Survey was an emergency project due to the beach erosion and collapse of SR A1A. KEITH was able to immediately place four survey crews on the project, working 7 days a week, to be able to complete the survey portion of the DEP application.

FDOT District 4 Interstate 95, Indian River County, FL: As the Project Surveyor for this 4-mile Surveying and Mapping project, Mr. Powers was responsible for all field survey activities, Control Survey Maps and Design Surveys to support a planned RRR Project, which ran from I-95 from County Road 512 to the Brevard County line. This project required a detailed sectional and subdivision survey through rough scrub brush to recover original monuments for baseline and right-of-way determination. This survey also required an extensive control survey to support the topographic survey and aerial photogrammetry that was combined into a single Digital Terrain Model.

FDOT District 4 SR 814 / Atlantic Boulevard, Broward County, FL: Mr. Powers was the Project Surveyor on this 1.0-mile Control Survey including baseline and right of way determination along this township line roadway, which ran from SR5 (US-1) to A1A in Pompano Beach.

KEITH

ERIC WILHJELM, PSM

Project Surveyor



Mr. Wilhjelm has over 28 years of experience in surveying and mapping. Mr. Wilhjelm specializes in roadway projects and has completed numerous Design and Right-of-Way Survey and Mapping projects. He has experience in every phase of a survey and mapping project from the planning of GPS sessions, compiling DTM's and computing historic baselines to completion of right-of-way maps. He has extensive experience with a variety of engineering and surveying-related computer softwares, including MicroStation V8i, SS4, Geopak, Caice and Trimble Business Center. Mr. Wilhjelm has managed Districtwide Surveying and Districtwide Right-of-Way Mapping contracts for District 4 and 6. His project management experience includes staff supervision, quality control and scheduling.

Years of Experience
28

Education
B.S. Land Surveying and Mapping, University of Florida, Gainesville, FL,1997

Professional Registrations
Registered Professional Surveyor and Mapper, State of Florida #5872, 1998

RELEVANT PROJECT EXPERIENCE

FDOT District 4 District-Wide Surveying & Mapping Services (FPID 425037-1-32-01), Broward County, FL: Mr. Wilhjelm served as the project manager and Surveyor of Record on this District Wide Surveying and Mapping Contract. Within this contract, Mr. Wilhjelm completed 73 Task Work Orders within a 3.5 year period. Within the scope of this contract Mr. Wilhjelm completed design surveys for I-95 at SW 10th Street (S.R 869) and S.R 845 (Powerline Road). In addition, this contract has included major R/W Surveys for Interstate 75 in Miami Dade County and the FEC Railroad in Palm Beach, which included calculating the historic baseline of Surveys. He also completed the R/W Control Survey for 14th St Causeway (S.R 844) and the required PNC sheets for various tasks. As with all Districtwide, this contract includes miscellaneous tasks as additional DTM surveys, drainage as-builts, parcel stake-outs, etc.

FDOT District 6 – District-Wide Additional Highway System R/W Maps (FPID 250686-1-32-16), Broward County, FL: Mr. Wilhjelm started this District wide contract as project surveyor and later became the project manager, completing 25 task work orders. The tasks ranged from stake out of guardrail to full design surveys with DTM's and it also includes some R/W Mapping. Control includes both horizontal and vertical control needed for the various tasks. He prepared the planning and adjusting of the GPS, the processing of EFB data or the adjusting the level runs, calculated the historic baseline of surveys and existing right of way, created and modified Geopak Tin files.

FDOT District 6 – US 27 (SR 25) (FPID 425211-1-32-01), Broward County, FL: Mr. Wilhjelm served as Project Manager and Surveyor of Record on this 4.83 mile project which ran from the Homestead Extension of the Florida Turnpike to the Broward/Miami-Dade County line. This project was a design survey with a DTM of the asphalt surface and cross-section of the ground shots. The survey task also included the calculations of the historic baseline of survey and historic centerline of construction as along with the existing right of way. Mr. Wilhjelm planned the session and the processing and adjustment of the GPS data to set the primary and secondary control. In addition, he adjusted the 5.0 mile level run. Mr. Wilhjelm processed and adjusted the EFB data for the creation of the topographic files and the Geopak tin file. In addition, he calculated the historic baseline, centerline of construction and existing right of way for this task. He was the signing surveyor on the Project Network Control Sheets.

FDOT District 6 – NW 27th Ave (State Road 9), FPID 428476-1, Dade County, FL: Mr. Wilhjelm served as Project Manager and Surveyor of Record on this 1.0 mile topographic design survey for NW 27th Ave from NW 122nd St. to NW 135th St. This survey includes the topographic survey and cross sections for this RRR Design Project. Mr. Wilhjelm planned and adjusted the GPS data for Horizontal Primary Control points. In addition, he adjusted the 5.9 mile level run. set north and south of the project from NW 79th St to Miami Gardens Drive. He processed the EFB for the topographic survey and cross sections for the RRR Design Survey. This task also included the calculation of the Historic Baseline of Survey and existing right of way lines.

Tom Mullin, P.E.
RADISE International, L.C.
Vice President
Chief Geotechnical Engineer

Professional Registration and Certifications:

- Florida Professional Engineer, #43366

Education:

- MS, Civil/Geotechnical Engineering, University of Illinois
- BS, Civil Engineering, University of Illinois

Capabilities:

- Soils and Foundation Engineering
- Civil and Major Earthworks Engineering Design
- Civil Construction Management
- Geotechnical Instrumentation and Monitoring
- Groundwater Hydrogeology
- Quality Control Testing and Inspection Oversight



Mr. Tom Mullin has 40 years of geotechnical engineering experience and he has served as Principal Geotechnical Engineer on numerous projects for private and public clients including the Florida Department of Transportation (FDOT), United States Army Corps of Engineers (USACE) and South Florida Water Management District (SFWMD).

Mr. Mullin has managed projects involving roadway/transportation, major high-rise towers, commercial buildings, power generating/industrial facilities, and landfill projects in Florida, Puerto Rico and the Caribbean. He has extensive experience working on water resources projects including ports and harbors, dams and reservoirs.

His skills include materials, testing and inspection; foundation design and construction; quality assurance oversight; quality control testing procedures and documentation; installation and evaluation of geotechnical monitoring instrumentation; vibration monitoring; and pile load testing services.

He has served as Principal Geotechnical Consultant for foundation Design and Construction Engineering Inspection (CEI), testing and analysis and quality verification services on several major FDOT bridges. He directed and managed the performance of Pile Driving Analysis testing of driven test piles and overviewed drilled shaft testing and capacity analysis and installation for both redundant and non-redundant drilled shafts.

REPRESENTATIVE EXPERIENCE

Materials Testing Continuing Services Contract, FDOT D4, Districtwide, FL. Chief Geotechnical Engineer - As Prime Consultant for this ongoing contract, the work includes providing districtwide materials field and lab testing services.

Miscellaneous Geotechnical & Materials Testing and Inspection Services, Florida's Turnpike Enterprise, FL. Chief Geotechnical Engineer - For this ongoing contract, providing geotechnical engineering, materials testing and inspection services.

Florida's Turnpike PDA Testing, Districtwide Contract. Chief Geotechnical Engineer – PDA instrumentation and testing including CAPWAP analysis and pile driving criteria for several Turnpike bridge structures.

SR 704 (Royale Park) Replacement Bascule Bridge, FDOT District 4, FL. Chief CEI Geotechnical Engineer - Technical supervision, QA oversight and CEI documentation of the surveillance and inspection of load test and production drilled shafts construction for the Bridge. Installed over 100 redundant and a few non-redundant drilled shafts, 4' diameter to depths of up to 35 meters deep. Reviewed, checked and approved Statnamic load testing which verified design shaft capacities for the project. Inspection work included the monitoring and documentation of pressure grouted shaft tip formations.

SR 804 (Ocean Avenue) Replacement Bascule Bridge, FDOT District 4, FL. Chief CEI Geotechnical Engineer - Technical supervision of the surveillance and CEI observation of Statnamic load test and production drilled shafts including pressure grouted shaft tips and auger pile construction for the Bridge. Installed over 80 drilled shafts and 50 ACIP piles beneath perimeter RE wall systems. Reviewed and approved Statnamic load testing which verified design shaft capacities for the project. Provided CEI of the construction and geotechnical monitoring of the 40-foot-high reinforced earth approach embankments construction including monitoring of geotechnical pore pressure cells, settlement plates and slope indicator casings.

Port of Miami Dodge Island Facilities, FDOT District 4, FL. Chief Geotechnical Engineer - Peer Reviews of tunnel, support of excavation and ancillary facility and roadway designs for the Dodge Island side of the Miami Tunnel project. Peer reviews and checks of Concessionaire design reports, drawings and backup detailed calculations for all project geotechnical related items and associated structural designs. Designs reviewed and checking included excavation support systems, tremie seal designs and uplift stability and roadway and bridge foundation support designs including redundant and non-redundant drilled shaft systems.

SR 858 Hallandale Beach Bascule Bridge Replacement, FDOT District 4, FL. Chief CEI Geotechnical Engineer - Technical supervision, QA oversight and CEI documentation of the surveillance and inspection of load test and production drilled shafts construction for the bridge replacement. Installed over 78 redundant and several non-redundant drilled shafts ranging from 4 to 8 feet in diameter. Reviewed, checked and approved Statnamic load testing which verified design shaft capacities for the project. Provided CEI of the production shaft construction and geotechnical monitoring of the 30-foot-high reinforced earth west approach embankment. Construction inspection included monitoring of geotechnical pore pressure cells, settlement plates and slope indicator casings.

17th Street Causeway Replacement Bascule Bridge Test Shafts, FDOT District 4, FL. Chief CEI Geotechnical Engineer - Responsible for surveillance and inspection of drilled test shaft construction for the 17th Street Causeway Bridge over the Intracoastal Waterway. Work was performed as part of the FDOT 4 districtwide contract for the Testing and Analysis of Bridge Foundations. Reviewed and approved Osterberg Cell load testing which verified design shaft capacities.

Venetian Causeway Historical Bridge Renovations (West Bascule), FDOT District 6, Miami, FL. Chief CEI Geotechnical Engineer - Technical supervision, QA oversight and CEI documentation of the surveillance and inspection of test and production drilled shafts construction for the Venetian Causeway Replacement Bascule Bridge over Biscayne Bay, Miami, Florida. Installed 87 drilled shafts for the bridge. Reviewed and approved Osterberg Cell load testing.

SR 20 Replacement Bridge, FDOT District 3, Blountstown, FL. Technical PEER Reviewer and Chief Geotechnical Engineer – Review and approval of CEI surveillance and inspection documentation of test and production drilled shaft construction for the SR 20 Bridge over the Apalachicola River. The project installed 100+ drilled shafts with diameters ranging from 4 to 9 feet to depths up to 100 feet deep. Reviewed and approved Osterberg Cell load testing.

A1A, Bridge of Lion's Bascule Bridge Rehabilitation, FDOT District 2, FL. Chief CEI Geotechnical Engineer - Technical supervision, QA oversight and CEI documentation of the surveillance and inspection of load test and production drilled shafts constructed for the SR A1A Bascule Bridge Rehabilitation over the Intracoastal Waterway/Matanzas River, St. Augustine, Florida. The project work included the installation of 140 redundant and non-redundant shafts varying from 3' to 8' in diameter to depths of up to 135 feet deep. Technically overviewed and reviewed Osterberg Load Cell testing as well as Mini-SID and CSL testing data.

Akash Bissoon, PE
RADISE International, LC
Senior Project Engineer

TIN #:

Professional Registration and Certifications:

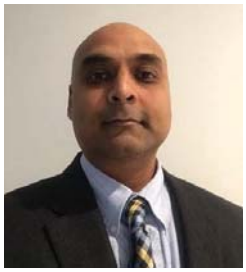
- Registered Professional Engineer, Florida #74582
- CTQP Quality Control Manager, Florida Department of Transportation
- Qualified Storm Water Management Inspector, Florida Department of Environmental Protection, #16155, May 2007
- Advanced Temporary Traffic Control (TTC), #41524, Florida Department of Transportation, June 2018
- CTQP Final Estimates Level 1 & Level 2, Florida Department of Transportation, October 2018
- IMSA Traffic Signal Inspector, #124859, December 2018

Education:

- B.S., Civil Engineering Florida Atlantic University, Boca Raton, FL

Capabilities:

- Project Management
- Water Distribution Systems Engineering
- Roadway Soil Survey
- Stormwater Management Systems
- Construction Materials Testing
- AutoCAD, ArcGIS, AERMOD View, EPAnet, MathCAD, Cascade, gINT, Microstation, FB Deep
- Environmental and Geotechnical Modeling
- Estimating
- Client Liaison



Mr. Bissoon has 14 years of geotechnical engineering experience including providing project management for a wide range of work involving geotechnical, environmental and civil engineering. He is skilled in the preparation of specifications for foundations, roadway work, storm water management systems and water distribution systems.

He is knowledgeable in current FDOT, ASTM and AASHTO standards applicable to design and materials testing, and is skilled at conducting materials investigations through the construction completion-certification stage. He works on projects from the initial modeling- specification stage, through the planning, designing and drafting stages.

Mr. Bissoon has served as a Senior Geotechnical Engineer on projects for clients including the Florida Department of Transportation (FDOT), Broward County Aviation Department, South Florida Water Management District (SFWMD) and the US Army Corps of Engineers (USACE).

REPRESENTATIVE EXPERIENCE

Materials Testing Continuing Services Contract, FDOT D4, Districtwide, FL. Project Engineer - As Prime Consultant for this ongoing contract, the work includes providing districtwide materials field and lab testing services.

Miscellaneous Geotechnical & Materials Testing and Inspection Services, Florida's Turnpike Enterprise, FL. Project Engineer - For this ongoing contract, providing geotechnical engineering, materials testing and inspection services.

I-95 at Linton Blvd – Roadway Soil Survey, Pavement Coring and Evaluation Report, Structures Report, Palm Beach County, FL. Senior Geotechnical Engineer — Oversight including field exploration/testing and laboratory testing. Construction of improvements at the I-95 and Linton Blvd interchange.

SFRTA The Wave Modern Streetcar Design – Geotechnical Engineering Services Report, Broward County, FL. Senior Geotechnical Engineer — Oversight including field exploration/testing and laboratory testing. Construction of a light rail system. Site preparation, foundation, catenary pole, pavement and seasonal high groundwater recommendations.

S-842 (Broward Boulevard) - Structure Investigation for Bridge Replacement, Broward County, FL. Senior Geotechnical Engineer — Oversight including field exploration/testing and laboratory testing. Construction of two replacement bridges, resurfacing, restoration and rehabilitation, and the replacement of the substandard barrier wall.

SR-817(University Drive) from Nova Drive to I-595 Ramp, Broward County, FL. Senior Geotechnical Engineer — Provided roadway soil survey and structures investigation, testing for drainage features and mast arm design.

Akash Bissoon, PE
RADISE International, LC
Senior Project Engineer

Broward County Mast Arms, Broward Co., FL. Senior Geotechnical Engineer -- Field exploration/testing and laboratory testing for 20 planned intersections for mast arm traffic signal conversions and pavement improvements. Provided laboratory testing, asphalt core services and pavement evaluation.

I-75 Express Lanes – Segment E, Broward County, FL. Senior Geotechnical Engineer –- Provided geotechnical engineering services for the improvements along the I-75 (SR9) corridor. The length of the project was about 12 miles from the Miami-Dade County/Broward County line to North of I-595 Interchange in Broward County.

SR-9/I-95 PD&E, south of High Meadows Road to North of Becker Road, Martin and St. Lucie Counties, FL. Senior
Geotechnical Engineer –- Project included approximately 13 miles of roadway soil survey and testing for drainage features.

I-95 Additional Auxiliary Lanes from S. of Glades Road to N. of Yamato Road, **Palm Beach County, FL.** Senior Geotechnical Engineer – Project consists of approximately 6 miles addition of 2 auxiliary lanes, 2 new interchanges, 25 bridge expansions and new bridges.

I-95/SR-9 PD&E Study, North of Becker Road to south of SR-70, St. Lucie County, FL. Senior Geotechnical Engineer –-
Project included approximately 13½ miles of roadway soil survey and testing for drainage features.

SR 848 (Stirling Road) Safety Improvements, Broward County, FL. Senior Geotechnical Engineer –-project consisted of installing two mast arm sign structures at the opposite corners of SR 848 and N 68th Avenue Intersection in the Town of Davie.

82nd Avenue from South of 26th Avenue to CR 510 (Wabasso Road), Indian River County, FL. Senior Geotechnical Engineer –-design and construction of four new bridges with drainage improvements and a new roadway along 82nd Avenue in Indian River County. The length of the roadway is approximately 7.5 miles through citrus groves and pasture land.

Kingfisher Bridge and Bulkhead Walls Replacement, Broward County, FL. Senior Geotechnical Engineer –- Field investigation and geotechnical recommendations for replacing the existing bridge and bulkhead walls (designed as king-post pile and panel system). The replacement foundation system involved pre-stressed square concrete driven piles.

SFRTA Northern Layover & Light Maintenance Facility – Preliminary Geotechnical Engineering Report, Palm Beach County, FL. Senior Geotechnical Engineer –- Oversight including field exploration/testing and laboratory testing. Construction of a Maintenance Facility. Site preparation, foundation, retaining walls, pavement and seasonal high groundwater recommendations.

SW Gatlin Blvd & I-95 Park and Ride – Soil Survey for Parking Lot, St. Lucie County, FL. Senior Geotechnical Engineer –- Oversight including field exploration/testing and laboratory testing. Construction of a Park and Ride Facility. Site preparation, pavement and seasonal high groundwater recommendations.

Lake Alfred Pedestrian Bridge - Structure Investigation for Pedestrian Bridge, Polk County, FL. Senior Geotechnical Engineer –- Oversight including field exploration/testing and laboratory testing. Design recommendations for the bridge foundations and MSE walls. Engineering during construction.

RADISE INTERNATIONAL

Andrew Nixon, PE
RADISE International, L.C.
Operations Manager
Senior Geotechnical Engineer

Professional Registration and Certifications:
- Professional Engineer, Florida, #71458
- OSHA 40-hour Health and Safety / OSHA, 29 CFR 1919.120 (HAZWOPER)
- Qualified Stormwater Management Inspector, Inspector # 27919

Education:
- B.S. Ocean Engineering, Florida Atlantic University, Palm Beach County, Florida

Affiliations:
- lorida Engineering Society
- National Society of Professional Engineers
- lorida Engineering Leadership Institute Alumni
- American Society of Civil Engineers

Capabilities:
- Project Management
- Cost Estimating
- eotechnical Engineering
- Earthwork Inspection
- Construction Materials Testing
- Quality Control
- Vibration Monitoring
- Design Recommendation & Review
- Foundation System Design
- Environmental Engineering
- Phase I & II Environmental Site Assessments
- Report Preparation
- Site/Contamination Assessment Reports
- Remedial Action Plans
- Tank Closure Assessments



Mr. Nixon has 13+ years of experience including providing Environmental, eotechnical and Construction Materials Testing Services for low and high-rise structures, single family residential developments, bridges, piers, buried structures, transmission towers, silos, roadways, etc.

He prepares and reviews geotechnical and materials engineering inspection reports, coordinates and supervises engineering staff and drilling personnel, and conducts foundation observations, foundation design reviews and geotechnical instrumentation monitoring.

Mr. Nixon's skills include also completing and supervising pile inspections, helical pier inspections, fireproofing inspections, load tests, and monitoring specialty ground improvement techniques such as vibrocompaction, vibro-replacement and dynamic compaction. He has conducted and supervised several Preconstruction Video Surveys and Vibration Monitoring Programs.

He has provided oversight of field and laboratory testing programs during the construction phase of a variety projects, and supervised other engineers in the Construction Materials Testing Department. The testing programs typically included the performance of earthwork inspections, field and laboratory testing of soils, and field sampling of concrete. Mr. Nixon has also inspected and supervised testing programs during the construction of various roadway projects.

He completed and supervised other engineers who have completed 1,000+ Phase I & II Environmental Site Assessments for a variety of sites including brownfields, HUD, power transmission, dry cleaners, gas stations, nurseries, landfills, ports and other commercial/industrial sites. Additionally, Mr. Nixon has completed 20+ Site/Contamination Assessment Reports and Tank Closure Assessments in accordance with Chapter 62 of the Florida Administrative Code (FAC). He has served as Project Manager for the installation of several remediation systems.

REPRESENTATIVE EXPERIENCE

FDOT Port of Everglades – Broward County Intermodal Center and People Mover System, Broward County, Florida

Senior Project Engineer – Conducted a Level I Contamination Screening Evaluation Report (CSER) in accordance with DOT's Project Development and Environmental (PD&E) guidelines. The proposed project consisted of a People Mover and Intermodal Center that provided effective transportation between the airport and seaport. Mr. Nixon provided professional opinions relative to the presence of potential contamination within or near the proposed project alignment alternatives from the Fort Lauderdale Airport to the Port of Everglades.

City of West Palm Beach Tamarind Avenue Improvements, Palm Beach County, Florida
Senior Project Engineer – Conducted a Level I CSER in general accordance with FDOT's PD&E guidelines. The proposed project consisted of utility improvements that will include de-watering along the project corridor. Mr. Nixon provided professional opinions relative to the presence of potential contamination from adjacent sources such as gas stations within or near the proposed project alignment.

City of West Palm Beach 24th & 25th Street Improvements, Palm Beach County, Florida
Senior Project Engineer – Conducted a Level I and II CSER in general accordance with FDOT's PD&E guidelines. The proposed project consisted of utility improvements that will include de-watering along the project corridor. Mr. Nixon provided professional opinions relative to the presence of potential contamination from adjacent sources such as gas stations within or near the proposed project alignment. Level II consisted of the advancement of soil borings for the collection of soil samples and the installation of groundwater monitoring wells for the collection of groundwater samples.

Florida Gas & Oil, Inc., West Palm Beach, Florida
Senior Project Engineer – Conducted a Low-Scored Site Initiative Site Assessment (LSSI) Report for the Florida Department of Environmental Protection (DEP) as part of the state administered Abandoned Tank Restoration Program in accordance with Chapter 62-780, FAC. Site was a former gas station with several different tank farms. Site was found to be contaminated and did not meet one of the three LSSI closure endpoints.

ABC U-Pull-It, West Palm Beach, Florida
Senior Project Engineer – Conducted environmental assessment and remediation services for an automobile recycling facility. Mr. Nixon designed and installed a Soil Vapor Extraction remediation system as well as supervised the excavation and disposal of lead-contaminated soil. A Site Rehabilitation Completion Order (SRCO) was received from the FDEP.

Port of Palm Beach, Florida
Senior Project Engineer – Conducted several environmental assessments for underground storage tanks, environmental assessments for expansion of port facilities, and environmental assessments in support of dredging operations and sea grass assessments. Also conducted semi-annual storm water monitoring sampling satisfying the requirements of the U.S. Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) storm water permit.

Lainhart & Potter Lumber Yard, Jupiter, Florida
Senior Project Engineer – Conducted a Tank Closure Assessment Report, Site Assessment Report and Remediation Action Plan, which included the design of a groundwater pump and treat system utilizing a low profile air stripper to treat contaminated groundwater prior to its discharge back in to the aquifer. Mr. Nixon also supervised the installation and startup of the remediation system.

South Florida Water Management District
Senior Project Engineer – Provided geotechnical and environmental engineering services for multiple SFWMD projects. Projects include levees, reservoirs, water control structures and water quality projects.

Ballpark of the Palm Beaches, West Palm Beach, Florida
Senior Project Engineer – Provided geotechnical and environmental engineering services for the construction of a spring training facility on a former landfill site.

City of West Palm Beach – Multiple Roadway and Drainage Improvement Projects, West Palm Beach, FL
Senior Project Engineer – Provided geotechnical and environmental engineering services for various roadway and drainage improvement projects throughout the City.

CRISTOBAL BETANCOURT, RLA
LANDSCAPE ARCHITECTURE



Education
Bachelor of Science
Landscape Architecture
Cornell University, 1995
Master of Science, Urban Design
Royal Danish Academy of Fine Arts
School of Architecture, 1996

Registration
Registered Landscape Architect,
Florida, LA6666941, 2008

Professional Affiliations
American Planning Association

American Society of Landscape Architects

Florida Recreation and Park Association

Urban Land Institute

Certifications
Council of Landscape Architectural Registration Board

Mr. Betancourt is Chen Moore and Associates' Director of Landscape Architecture and Planning. He has over 23 years of experience providing planning and landscape architecture design solutions for public and private sector clients. Mr. Betancourt provides a full range of services starting with due diligence and master planning culminating in detailed site design. He is well versed in the use of low-impact development techniques applied to site planning. He is currently working on the Broward County UAZ Water and Sewer Improvement pro ect that addresses many of the areas and experience needed in this RFP.

Project Experience

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B, Lauderdale Lakes, FL. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Pro ect will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the pro ect area along with the restoration of surface areas disturbed for the construction of said improvements. All pro ects combined a total area of over 1000 acres within multiple Cities. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner and ductile iron pipe ranging from 8" – 15" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron and polyvinyl chloride pipe ranging from 6" – 16" in diameter size. There are 8 Broward County lift stations in these UAZ areas and 1 private lift station which sanitary sewer systems will need to connect to. Two of these stations will need rehabilitation/replacement. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction.

BCWWS–Potable Water Storage Tank and Pumping System District 3A. Chen Moore and Associates is a subconsultant to Carollo Engineers for Civil Engineering, Site Planning and

Landscape Architecture Services for the Broward County 3A Tank and Pumping facility. The pro ect consists of a 4.9 acre site located in the City of Dania Beach. As part of this pro ect, Broward County expanded the facility to add a 2.5 million gallon potable water storage tank and a High Service Pump Station (HSPS). Chen Moore provided design and permitting for the yard piping which included 24", 18" and 12" ductile iron pipeline for the tanks and pump. Chen Moore was also responsible for the water and sewer facilities which included gravity sewer lines, forcemain, a new lift station, potable water lines and fire lines. It also included a new stormwater system for the site which included the elimination of the existing lime sludge pond and creation of a dry detention system with a network of drainage pipe and storm inlets. The design also included permitting and construction documents for the removal of underground diesel fuel tanks. In addition, Chen Moore was responsible for all landscape architecture, site planning, DRC approvals and variances through the City.

BCWWS – Potable Water Storage Tank and Pumping System District 1B1. Chen Moore and Associates is a subconsultant to Carollo Engineers for Civil Engineering, Site Planning and Landscape Architecture Services for the Broward County 1B1 Tank and Pumping facility. The pro ect consists of a 5.70 acre site located in the City of Fort Lauderdale. As part of this pro ect, Broward County expanded the facility to add a 1.5 million gallon potable water storage tank and a High Service Pump Station (HSPS). Chen Moore provided design and permitting for the yard piping which included 24", 16", 12" and 10" ductile iron pipeline for the tank and pump. Chen Moore was also responsible for the water and sewer facilities which, relocation of a 16" forcemain, a new lift station, potable water lines and fire lines. It also included a new stormwater system for the site which included a dry detention system with a network of exfiltration trenches and storm inlets. In addition, Chen Moore was responsible for all landscape architecture, site planning, DRC approvals and variances through the City.

2016/2017 City Engineering Services, Coral Springs, FL. Since 2005, Chen Moore and Associates has served as the City Engineer for Coral Springs. Beginning in February 2012, the firm has also started to provide planning support for the City of Coral Springs Community Development Department. The firm performs the typical duties of an on-staff engineer and planner, including architectural review board compliance, DRC review for site plan compliance, engineering permit review and inspections, development reviews and concurrency evaluations, coordination with other City departments and outside agencies, and a variety of special projects. As part of this contract, the firm manages the vertical construction program for the City, including work for several departments including Police, Fire, Parks and Recs, Public Works and the Fine Arts Center.

Chen Moore and Associates instituted a Municipal Separate Storm Sewer System (MS4) program for the City of Coral Springs and has been maintaining the program for several years. Chen Moore and Associates provided training to the City's building department staff. Currently, Chen Moore and Associates is responsible for inspecting pro ects that require a MS4 permit in the City of Coral Springs. Inspections occur following heavy rainfalls or on a monthly basis if rainfall has been minimal. As a co-permitee to Broward County through the state MS4 program, Chen Moore and Associates completes a yearly report that ensures the City is in compliance with the requirements of the program.

ERIC HARRISON, RLA
SITE PLANNING



Education
Bachelor of Science
Landscape Architecture
University of Florida, 2002
Associate of Arts
Palm Beach Community College
1996

Registration
Registered Landscape Architect
Florida, LA6667129, 2012

Professional Affiliations
International Society of
Arboriculture

Mr. Harrison has over 16 years of landscape architecture experience with several municipalities throughout South Florida. Mr. Harrison has provided design and permitting services for three of the most recent BCWWS tank and pump station pro ects which include facilities 3A, 1B1 and 2A. He has also provided design services for parks and recreation, university campuses, K-12 education, corporate office, commercial developments and healthcare facilities. He is currently working on the Broward County UAZ Water and Sewer Improvement pro ect that addresses many of the areas and experience needed in this RFP.

Project Experience

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B, Lauderdale Lakes, FL. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Pro ect will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the pro ect area along with the restoration of surface areas disturbed for the construction of said improvements. All pro ects combined a total area of over 1000 acres within multiple Cities. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner and ductile iron pipe ranging from 8" – 15" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron and polyvinyl chloride pipe ranging from 6" – 16" in diameter size. There are 8 Broward County lift stations in these UAZ areas and 1 private lift station which sanitary sewer systems will need to connect to. Two of these stations will need rehabilitation/replacement. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction.

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113A, Lauderdale Lakes, FL. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Pro ect included design of the improvements to the existing

water distribution system, sanitary sewer system, and transmission systems within the pro ect area along with the restoration of surface areas disturbed for the construction of said improvements. All pro ects combined a total area of over 1000 acres within multiple Cities. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner and ductile iron pipe ranging from 8" – 15" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron and polyvinyl chloride pipe ranging from 6" – 16" in diameter size. There are 8 Broward County lift stations in these UAZ areas and 1 private lift station which sanitary sewer systems will need to connect to.

BCWWS–Potable Water Storage Tank and Pumping System District 3A. Chen Moore and Associates is a subconsultant to Carollo Engineers for Civil Engineering, Site Planning and Landscape Architecture Services for the Broward County 3A Tank and Pumping facility. The pro ect consists of a 4.9 acre site located in the City of Dania Beach. As part of this pro ect, Broward County expanded the facility to add a 2.5 million gallon potable water storage tank and a High Service Pump Station (HSPS). Chen Moore provided design and permitting for the yard piping which included 24", 18" and 12" ductile iron pipeline for the tanks and pump. Chen Moore was also responsible for the water and sewer facilities which included gravity sewer lines, forcemain, a new lift station, potable water lines and fire lines. It also included a new stormwater system for the site which included the elimination of the existing lime sludge pond and creation of a dry detention system with a network of drainage pipe and storm inlets. The design also included permitting and construction documents for the removal of underground diesel fuel tanks. In addition, Chen Moore was responsible for all landscape architecture, site planning, DRC approvals and variances through the City.

BCWWS – Potable Water Storage Tank and Pumping System District 1B1. Chen Moore and Associates is a subconsultant to Carollo Engineers for Civil Engineering, Site Planning and Landscape Architecture Services for the Broward County 1B1 Tank and Pumping facility. The pro ect consists of a 5.70 acre site located in the City of Fort Lauderdale. As part of this pro ect, Broward County expanded the facility to add a 1.5 million gallon potable water storage tank and a High Service Pump Station (HSPS). Chen Moore was also responsible for the water and sewer facilities which, relocation of a 16" forcemain, a new lift station, potable water lines and fire lines. It also included a new stormwater system for the site which included a dry detention system with a network of exfiltration trenches and storm inlets. In addition, Chen Moore was responsible for all landscape architecture, site planning, DRC approvals and variances through the City.

BCWWS – Potable Water Storage Tank District 2A. Chen Moore and Associates is a subconsultant to Carollo Engineers for Civil Engineering, Site Planning and Landscape Architecture Services for the Broward County 2A Tank. The pro ect consists of a 14.50 acre site located in the City of Pompano Beach. As part of this pro ect, Broward County expanded the facility to add a 5.0 million gallon potable water storage tank. Chen Moore provided design and permitting for the yard piping which included 54", 48", 42" and 16" ductile iron pipeline for the new tank. Chen Moore was also responsible for the water and sewer facilities which included a new 6" forcemain a new dry detention area, regrading of the site and storm drain inlets and permitting thought FDEP and EPGMD. Chen Moore was responsible for all landscape architecture, site planning and DRC approval through the City.

JENNIFER SMITH, P.E.
DRAINAGE



Education
Bachelor of Science
Civil Engineering
Florida Atlantic Engineering, 2006

Registration
Professional Engineer, Florida
72232, 2011

Professional Affiliations
American Society of Civil Engineers

Florida Engineering Society

Florida Water and Environmental Association

National Society of Professional Engineers

Certifications
Stormwater Management Inspector
ICPR 3 and 4 Software Training
SWMM Software Training

Awards
2009 Most Active Broward ASCE Member

Ms. Smith is currently serving as a senior engineer with Chen Moore and Associates. Her 13 years of experience in the civil engineering field includes project management and detailed design work on several of the Broward County UAZ Water and Sewer Improvement Pro ects. Mrs. Smith has been part of some of the largest neighborhood utility infrastructure pro ects ever to be designed and constructed for BCWWS. Her duties include water main, sanitary sewer, lift station design and permitting, as well as stormwater modeling, design and permitting. Ms. Smith is currently the ASCE Broward Branch President.

Project Experience

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B, Lauderdale Lakes, FL. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Pro ect will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the pro ect area along with the restoration of surface areas disturbed for the construction of said improvements. All pro ects combined a total area of over 1000 acres within multiple Cities. The existing system being replaced consists of approximately 168,100LF of water mains, 122,100 LF of sanitary sewer mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner and ductile iron pipe ranging from 8" – 15" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron and polyvinyl chloride pipe ranging from 6" – 16" in diameter size. There are 8 Broward County lift stations in these UAZ areas and 1 private lift station which sanitary sewer systems will need to connect to. Two of these stations will need rehabilitation/replacement. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction.

BC UAZ 303, 314 & 318 Bid Pack 1, Broward County, FL. The Broward County UAZ 303, 314, 316 and 318 pro ect was part 1 of what was pro ected to be an $8.8 million pro ect replacing existing water and providing sanitary sewer for County Service Areas in the City of Dania Beach, ust east of State Road 7, north

and south of Griffin Road. The main technical components included replacing 12-inch water mains on County roads, replacing the residential water distribution system, providing sanitary sewer systems to eliminate existing septic tanks, and rehabilitating or installing new lift stations. In order to obtain the necessary information, site visits concentrated on contacting residents to determine the location of existing tanks. A great deal of coordination was required to accommodate developer pro ects, tie into County pro ects and obtain easements for crossing private properties. GIS was used to keep track of all ongoing pro ects, log pertinent site information, determine the projected flow rates, track questions from residents of the area and track responses from utility companies regarding their existing facilities. The design of these improvements began in January 2009 and construction has been completed.

BC UAZ 316 Bid Pack 2, Broward County, FL. The Broward County UAZ 316 pro ect is part 2 of the estimated $8.8 million pro ect servicing Broward County utility zones in the City of Dania Beach which includes replacing existing water and providing sanitary sewer just east of State Road 7, and south of Griffin Road. The main technical components include replacing 12-inch water mains on County Roads, replacing the residential water distribution system, providing sanitary sewer systems to eliminate existing septic tanks and rehabilitating or installing new lift stations. In order to obtain the necessary information, site visits concentrated on contacting residents to determine the location of existing tanks. A great deal of coordination was required to accommodate developer pro ects, tie into County pro ects and obtain easements for crossing private properties. GIS was used to keep track of all ongoing projects, determine the projected flow rates, track questions from residents of the area and track responses from utility companies regarding their existing facilities. Design of these improvements began in 2009 and construction was completed in 2016. Chen Moore and Associates also performed construction administration for this pro ect.

Fort Lauderdale-Hollywood International Airport Stormwater Master Plan Update Phase 2, Broward County, FL. The purpose of Phase 2 was to provide routine updates to the stormwater model(s) based on progress design drawings of the South Runway Expansion Pro ect and the associated future development, including but not limited to, terminal and gate area improvements. The existing stormwater model created during Phase 1 includes design assumptions based on preliminary planning documents for the South Runway Expansion Pro ect. The updates to the stormwater model during Phase 2 were based on progress design submittals for the South Runway Expansion Pro ect and approved design plans for other new development at FLL, which enhanced the accuracy of the stormwater model. Phase 2 for this pro ect included the following work items:

- Prepare a Stormwater Capital Improvement Plan for FLL
- Certify existing permits at FLL
- Provide ongoing stormwater permitting assistance to BCAD
- ·Ongoing coordination with the design team for South Runway
- Conduct analysis of various sea level rise scenarios
- Expansion Pro ect
- Complete drainage review of various developments throughout FLL
- Develop drainage design standards manual
- Prepare application package for stormwater conceptual permit for FLL

THOMPSON & ASSOCIATES

JAMES F. THOMPSON, P.E.,

CEI Project Engineer

EDUCATION:

Master of Science, Civil and Environmental Engineering, Florida International University

Bachelor of Science, Civil and Environmental Engineering, University of South Florida

Construction Management Certificate Program, Florida Atlantic University

Small Business Executive Program, Florida State University, College of Business

FES/FICE Florida Engineering Leadership Institute

REGISTRATIONS:

Registered PE, Florida #54731

LEED Accredited Professional

EPA/FDEP NPDES Instructor

FDOT Advance Work Zone Traffic Control Certification

OSHA Trench Safety Certificate

AFFILIATIONS:

FICE State Past-President

NSPE 2003 "National Young Engineer of the Year"

FES Broward Past-President

City of Coconut Creek Environmental Advisory Board

Stranahan H.S. Advisory Board

Broward County Construction Advisory Board, Vice-Chair

PUBLICATIONS:

"Determining the Cause of Activated Sludge Foaming and Bulking at the Sawgrass WWTP in Sunrise, Florida", AWWA/FWEA State Conference 1999

CONTACT INFORMATION:

PO Box 22398
Fort Lauderdale, FL 33335

Tel: 954-761-1073

jim@thompson-inc.com

SUMMARY

James F. Thompson, P.E., LEED AP© has over 20 years of experience in civil engineering projects related to **municipal utility and right-of-way improvements**, **HDD projects**, FEMA grants, CDBG grants, Development of Regional Impact (DRI), value engineering, annexation studies, infrastructure valuation studies, peer review reports, expert witness testimony, land planning, platting, parcel dedications, infrastructure and site civil design, permitting, geotechnical testing, construction inspection and contract administration for private and municipal clients. His extensive private experience varies from large land development projects of over 4,000 acres to small commercial parcels of less than one acre. Mr. Thompson's municipal experience includes large multi-phase neighborhood redevelopment projects, minor treatment plant improvements, utility and right-of-way improvements, and various new municipal projects such as parks and schools.

Mr. Thompson brings to each project a unique approach which emphasizes teamwork and collaboration between all team members in order to identify and resolve issues early. It is this style of project management that ensures the final design plans meet the client's needs as well as the permitting criteria while staying on schedule and within the anticipated budget. This project approach works exceptionally well for design-build projects.

EXPERIENCE

North Andrews Gardens Neighborhood Improvement Project (NAGNIP), Broward County, Florida. Services provided for this 730-acre community included design permitting and construction administration of eight (8) bid packages for the project with an estimated $120 million construction budget. Specific tasks included: Basis of design report (BODR); modeling and design of the water distribution system, sanitary sewer transmission system and storm-water system; value engineering sessions; construction/contract administration; public relations and information campaign; Home Owner Association meeting presentations; permitting of all associated design work with various jurisdictional agencies; Preparation of bidding documents; landscaping and entry sign features.

Broward County 24" HDD Design Build, Fort Lauderdale, Florida - Design services were provided for the horizontal directional drill of a new 24" potable water main under Broward Boulevard in the middle of State Road 7. The project had to be coordinated with the City of Fort Lauderdale, the City of Plantation, and the Florida Department of Transportation. The project was completed as part of a design alternative related to the Broadview Park Neighborhood Improvement Project by the Broward County Water and Wastewater Division. T&A was the engineer-of-record for the HDD design of the new 24" water main, assisted with permitting efforts, conducted construction inspection, and designed the required MOT plans for State Road 7 and Broward Boulevard. The project was completed on time and had caused very little impact to the public during construction.

Educational Corridor Improvements Construction Engineering Inspection (CEI) Services, City of Coconut Creek, Florida. Coconut Creek Parkway is a four-lane facility is a main thoroughfare for the area and is the main access points for several large institutions, including the Wynmoor Retirement Community, Broward County North Regional Library, Broward College North Campus, Atlantic Technical Center, Coconut Creek High School, Federal Social Security Building, Dave Thomas Educational Center, Technological University of America, Coconut Creek Community Center, Coconut Creek Elementary School, several churches and various businesses. CEI services were provided for the improvements to this 1.5 mile stretch from Banks Road to Florida's Turnpike. Prior to the construction phase, T&A was responsible for coordinating with City staff, business owners, schools, universities, and conducting all community outreach efforts. Public information sessions were held in addition to various meetings and presentations conducted at local stake-holders' facilities. During the construction phase, various questions were coordinated through phone calls and as-needed meetings were conducted in the field to address site specific comments and questions. A special television interview was also conducted with a local City Commissioner in order to reach the thousands of senior citizen resident located in the Wynmoor Retirement Community. The interview focused on the special needs and safety of Wynmoor residents.

Florida Keys Overseas Heritage Trail (FKOHT) CEI, Monroe County, Florida. Florida Keys Overseas Heritage Trail extend from Layton to Channel 5 Bridge, mile marker 68.4 TO 70.8. The FKOHT is an eight (8) foot to twelve (12) wide pedestrian and bike path from Key Largo to Key West. Florida Department of Environmental Protection (FDEP) required Construction Engineering and Inspection (CEI) services for the various phases of the FKOHT. CEI services were completed in conjunction with FDOT and FDEP staff. T&A was the project manager and engineer-of-record for the CEI effort. Responsibilities included attending weekly meetings which coordinated construction progress, project schedule, local events schedule, unforeseen conditions, design changes, coordination with FKAA, FPL, and other utilities, coordination with other agencies such as FDOT and the City of Layton, pay request reviews, change order reviews, and final close-out review and documentation.

Maintenance of Traffic Plans, Florida – Developed Maintenance of Traffic (MOT) plans as per Florida Department of Transportation Standards for various construction projects in Broward, Palm Beach, Martin, Miami-Dade and Lee Counties.

European Club, City of Hallandale Beach, Florida. The development included a 350 foot tall tower with mixed use and a valet only parking garage. Tasks included: Site paving and grading design, drainage design and permitting, water and sewer design and permitting, lift station design and permitting, utility coordination and SWPPP design.

THOMPSON & ASSOCIATES

DARREN L. BADORE,

CEI Project Engineer

EDUCATION:

Associates Degree, Mechanical Engineering, Vermont Technical College

REGISTRATIONS:

CTQP, Asphalt Paving Technician Level 1, expires 05/03/2021

MOT Intermediate Course, Certificate # 22829, expires 11/17/2020

Affiliations:

City of Plantation, Planning & Zoning Board, 2019 - current

City of Plantation, Volunteer Firefighters' Retirement Board, 2016 - 2010

City of Plantation, Planning & Zoning Board, 2011 - 2016

Smart Growth Partnership, Past Board Member

Rebuilding Together of Broward County, Past Board Member

Contact Information:

412 SE 18th Street

Fort Lauderdale, FL 33316

Tel: 954-761-1073

darren@thompson-inc.com

SUMMARY

Mr. Badore has over 20 years of experience providing Project Management and design services for development projects for public and private clients in Broward and Miami-Dade County. He has experience working in Miami Beach, North Miami Beach, Hallandale Beach, Town of Davie, Pembroke Pines, Cooper City, Plantation, Coconut Creek, Pompano Beach, Oakland Park and Broward County. Various scope items included gravity sewer system planning and design, lift station design and rehabilitation, force main planning and design, pavement condition assessments, various aviation related projects, FEMA grants, value engineering, infrastructure valuation studies, peer review reports, land planning, platting, parcel dedications, permitting, geotechnical testing, construction inspection and contract administration for private and municipal clients. His extensive private experience varies from large land development projects of over 500 acres to small commercial parcels of less than one acre. Mr. Badore's County experience includes fourteen (14) large phased neighborhood redevelopment projects and various new municipal projects. Mr. Badore has dedicated countless volunteer hours to serve the communities that he lives in such as serving as President of his Homeowners Association and serving as President of the Jacaranda at Central Park Master Association as well as working as a volunteer for Habitat for Humanity and Rebuilding Together of Broward County. Recently he has completed a 5 year term serving on the City of Plantation's Planning & Zoning Board. Mr. Badore is currently serving on the City of Plantation Volunteer Firefighters' Retirement Board.

EXPERIENCE

Stirling Road - Utility Coordination, Broward County, Florida. This FDOT Resurfacing, Restoration and Rehabilitation (RRR) Project is located along Stirling Road from just east of University Drive to State Road 441 and approximately 1,000 feet north and south on SR 441. Services provided for this project included Utility Coordination in accordance with the Utility Accommodation Manual (UAM); contacting all the Utility/Agency Owner's (UAO); collecting As-builts; scheduling of required coordination meetings; preparing Utility Matrix; obtaining Utility Work Schedules (UWS); preparing

cost estimates utilizing the Basis of Estimates (BOE); coordinating the Utility Agreements.

Boaters Park, Parking Lot, City of Dania Beach, Florida. The scope of this Work Authorization was to provide a new parking lot at Boaters Park to provide 60 parking spaces. The estimated construction value of the project is $400,000. As Engineer of Record, we provided professional engineering services to design, permit, and will provide administration of the construction contract for the construction of a parking facilities located just west of Animal Clinic property on SW 42nd Street. The scope included the preparation of the site plan, site grading, stormwater calculations for water quality only, minor landscape, site survey, and permitting through State, County and local regulatory agencies.

Central Broward Regional Park, Additional Parking, City of Lauderhill, Florida. The scope of this Work Authorization was to provide new parking areas for park visitors and parking for television station vehicles. The estimated construction value of the project is $600,000. As Engineer of Record, we provided professional engineering services to design, permit, and will provide administration of the construction contract for the construction of parking facilities located within the limits of the Central Broward Regional Park. The scope included the survey, civil engineering, landscape architecture and irrigation design and permitting through State, County and local regulatory agencies.

Everglades Holiday Park, Water Main, Unincorporated Broward, Florida. The scope of this Work Authorization was to provide design and permitting for a water main extension, approximately 4,000 linear feet in length, serving Everglades Holiday Park. As the Engineer of Record, we provided engineering services to design, permit, provided assistance during bidding and award, and provided administration of the construction contract for the installation of a water main approximately 750 linear feet within Everglades Holiday Park. The design included a water main extension of approximately 3,250 linear feet to the intersection of Griffin Road and Orange Drive (US Highway 27) to be constructed in the future. The scope included the preparation of the water main plans, water main details and specifications, site survey, subsurface utility investigation, geotechnical investigation, and permitting through Federal, State, County and local regulatory agencies. The overall project includes the design of three (3) segments.

Tradewinds Park, Utility Improvements, City of Coconut Creek, Florida. The scope of this Work Authorization was to provide a design to construct approximately 3,300 linear feet of potable water main, 5,600 linear feet of sanitary sewer system at Tradewinds Park. As the Engineer of Record, we are providing engineering services to design, permit, and construction administration for the construction of water and sewer facilities located within the limits of the Tradewinds Park. The scope includes the civil engineering and permitting through State, County and local regulatory agencies.

Washburn Park Phase II, Parking Area, Unincorporated Broward, Florida. The scope of this Work Authorization was to provide a design to construct four (4) parking spaces for Washburn Park. As the Engineer of Record, we provided engineering services to design and will provide administration of the construction contract for the construction of up to four (4) parking spaces, located adjacent to the Washburn Park Phase II on SW 50th Avenue. The scope included the preparation of the civil plan and associated details.

THOMPSON & ASSOCIATES

SHAHIN HEKMAT, P.E., VICE PRESIDENT

EDUCATION:

Bachelor of Science, Civil Engineering, University of Miami

FES/FICE Florida Engineering Leadership Institute

REGISTRATIONS:

Registered PE, Florida #49941

EPA/FDEP NPDES Inspector

FDOT Advance Work Zone Traffic Control Certification

CERTIFICATIONS:

Integrity Selling

PSMJ Project Management Boot Camp

Dale Carnegie

Environmental Permitting Summer School

Storm water Management Design

FDEP NPDES Design

AICPR Hands-on Training

AFFILIATIONS:

ACEC Florida Treasurer

ACEC Florida CELC

ACEC Florida Water Resources Committee

FES/ACEC Florida

FICE Members Service Committee Member

University of Miami, College of Engineering Alumni Association

University of Miami, College of Architectural, Environmental and Civil Engineering AEC) Industry Advisory Board

CONTACT INFORMATION:

PO Box 22398
Fort Lauderdale, FL 33335

Mob (954) 683-9718

shah@thompson-inc.com

SUMMARY

Mr. Hekmat has over 25 years of experience in engineering design and project management related to public and private projects. He has served as the City Engineer for the City of Weston; Consulting Engineer for the Cities of Sunny Isles Beach, Dania-Beach, Lauderhill and North Lauderdale; and District Engineer for South Broward Drainage District, Indian Trace Development District, Bonaventure Development District and North Lauderdale Water Control District.

His primary areas of expertise are in storm water management and drainage design, with concentration on watershed analysis and preparation of Storm Water Facility Reports and Master Plans. Design experience also includes roadway and land development projects; specifically design of water distribution systems, sanitary sewer collection and disposal systems, paving, grading, drainage systems and flood routing analysis, permitting, construction oversight, and project close-out. Mr. Hekmat has been involved in preparation of Environmental Resource Permits (ERP) and the approval process through SFWMD, FDEP, COE, and County for major land development projects in the South Florida area as well public facilities such as water, wastewater and reclamation plants, public works compounds, parks, hospitals, and roads.

Mr. Hekmat project philosophy and approach is based on collaboration amongst the client and the project team. He believes only through collaboration and communication can the needs of the client be met. Mr. Hekmat is very active in professional societies. Mr. Hekmat stays current with extensive continuing education credits, including seminars, conferences, certifications and most recently the FES/FICE Florida Leadership Institute. In addition to being certified by the State of Florida as an NPDES Inspector, he has been a guest lecturer at the University of Miami, College of AEC senior design class and an adjunct professor at Florida International University School of Architecture.

EXPERIENCE

Storm Water Pumping Stations, South Broward Drainage District, Florida - Responsible for design and permitting of various storm water pumping stations; prepared construction plans and specifications; assisted in bidding, analysis of the bid packages, and recommendation of awards; performed construction management

and project close-out. Projects included Basin S-3 renovation (1996), Basin S-4 and S-5 (1997) and Basin S-8 (1994).

Basins S-9 and S-10 Modification, South Broward Drainage District, Broward County, Florida - A 7,000-acre basin in western Broward County with a mixture of rural and urban developments. The project included replacement of five outfall culverts with three control discharge structures to meet SFWMD water quality and quantity. Project required dredging of two canals, replacing a dozen small interconnects with larger pipes to reduce head loss and interconnecting the entire basin to allow faster equalization.

Engineering Plan and DRC Plan Review – Responsibilities included reviewing of site plans, construction plans and calculations submitted for approval; issuing RFIs and permits as required by the City or District; meeting with applicants to review comments and design criteria; and representing the agency at Commission/Board of Supervisors meetings. Reviews were performed for the South Broward Drainage District, City of Weston, City of Miramar, City of Sunny Isles Beach, City of North Lauderdale, and City of Dania Beach.

Village of Palmetto Bay Design-Build of Traffic Circle at SW 168 Street & 87 Avenue and Pedestrian Crossing at Cutler Road & SW 152 Street, Village of Palmetto Bay, Miami-Dade County, Florida - Project Manager responsible for preparation of construction documents to include the reconstruction of the intersection consisting of a two lane road with a traffic circle, concrete pavers, curb and gutter, sidewalk, drainage system, removal of existing traffic signal, pavement markings, signage, associated electrical work, sodding, landscaping and the installation of a fixed fountain with landscaping and Village branding in the middle of the circle.

Sunny Isles Beach Boulevard Construction Inspection and Engineering (CEI), City of Sunny Isles Beach, Florida - Project Administrator responsible for inspection of roadway improvements and sidewalk enhancements to Eastbound SR 826 from Intracoastal bridge to State Road A1A/Collins Avenue. The improvements included reducing the pavement width from five lanes to four; milling, resurfacing and restriping of the remaining pavement; widening of the sidewalk with new pavers; upgrading signage throughout the project; replacing the mid-block pedestrian crossing signal with a new mast arm; upgrading the existing street lighting with decorative lights; replacing an existing 12” water main and performing miscellaneous enhancements to streetscape and landscape.

Delevoe Park Additional Parking, Parks Planning and Design Section, Broward County, Florida – Thompson & Associates were retained to provide Civil Engineering Services for the design 2.5-acre park and overflow parking, located north of Broward Boulevard and NW 27th Avenue. The amenities included a Gazebo with water fountain, a pedestrian exercise path around the proposed retention area and landscaping and irrigation. As the Engineer of Record T&A was in charge of the preparation the demolition plans, paving grading and drainage plans, water and sewer plans, pavement markings and signage plans, details and specification plans, storm water pollution prevention plans. Post design services were limited to review of shop drawings and response to request of information from the contractor.

THOMPSON & ASSOCIATES

SHAHIN A. HEKMAT, JUNIOR INSPECTOR

EDUCATION:

Miami-Dade College
Liberal Arts (2012 – 2014)

Florida International University
Liberal Arts (2008 – 2012)

Christopher Columbus High School
High School Diplomat (fall 2004 – spring 2008)

CERTIFICATIONS:

Asphalt Paving Technician - Level 1

Final Estimates - Level 1

FDOT Intermediate MOT

EPA/FDEP NPDES Inspector

VOLUNTEER:

Fr. Dennehy Memorial Scholarship Fund, Alumni Donor Database, Data Entry summer 2005 - Spring 2009)

SKILL:

Microsoft Office Work, Excel and PowerPoint.

Type over 50 words a minute

TIN: [redacted]

CONTACT INFO:

PO BOX 22398
Fort Lauderdale, FL 33335
Mob: (305) 216-2617

sahekmat@thompson-inc.com

Project Experience

SR 821 (HEFT) Widening from SW 288th St. to SW 216th St. Drive, Florida Turnpike Enterprise, Miami-Dade County, Florida. Contract Support Specialist for this $70M Design Build widening, reconstruction and express lane integration of the Homestead Extension of the Florida Turnpike. Work includes nearly 8 miles of noise wall installations, bridge widenings, median widenings, milling and resurfacing, ITS integration, AET buildings and gantries, storm water management, signs, guardrail and miscellaneous maintenance of existing bridges. 5/2016 to est. completion 11/2019. **Responsibilities:** Organizing project documentation and uploading into ProjectSolve and Electronic Data Management System (EDMS), preparing various meeting agendas, minutes and attachments, tracking third party damages in ProjectSolve, maintaining project photos records, assisting project staff with copies of plans, shop drawings and other contract documents. FM 42337225201 (Reference: Victor Diaz, P.E. 305-964-4863)

Inspectors Aid/Secretary Observation and training. Part Time

Observing various staff at Eisman & Russo, Inc. Construction Engineering Inspection (CEI) group to assist and learn the various requirements of the position.

- Read and interpret plans
- Navigate the work site
- Record pay items
- Use the spec book
- Collect relevant information
- Identify assets on site

Registered and reviewed Construction Training & Qualification Program (CTQP) website.

Calvin, Giordano & Associates, Inc. Part time, Summer 2007

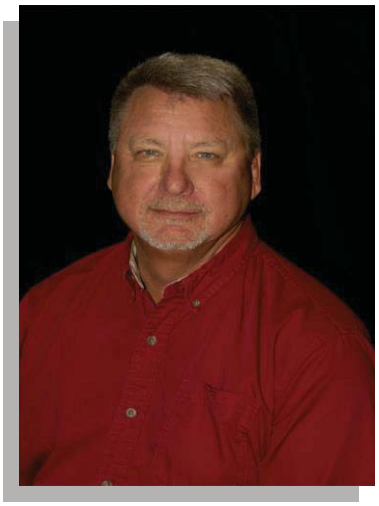
Summer internship with the Graphics and Animation Department. Experience with Adobe After-Effects and Photoshop.

STONER & ASSOCIATES, Inc.
SURVEYORS - MAPPERS

4341 S.W. 62nd Avenue, Davie, Florida 33314
T: (954) 585-0997 • F: (954) 585-3927 • www.stonersurveyors.com

James D. Stoner, P.S.M.
President

Professional Profile



Mr. Stoner is a second generation Land Surveyor, with over forty years of surveying experience in South Florida. He began his surveying career at Williams, Hatfield, & Stoner, Inc. working from the bottom as a Rodman, all the way up to Vice President of the Surveying Department.

Mr. Stoner founded Stoner & Associates, Inc. in 1988, based on the philosophy that attention to detail and quality work would create a successful firm. He manages all aspects of the firm's growth and development.

Mr. Stoner has supervised both small and large scale surveying projects. His firm has successfi and other various projects, whil clients and consultants.

Education

Associates of Science in Land Surveying
Palm Beach Community College in 1979

Professional Registrations

State of Florida Professional Surveyor and Mapper
License Number LS4039

Professional Affiliations

Florida Surveying and Mapping Society
Florida Surveying and Mapping Society – Broward Chapter
American Congress on Surveying and Mapping
Leadership Broward



YVONNE GARTH

President/CEO

YEARS OF EXPERIENCE
25

YEARS WITH GSI
15

EDUCATION
B.S., Journalism and Marketing, University of Maryland
Certified Charrette Planner

REPRESENTATIVE EXPERIENCE

- City of St. Petersburg, St. Petersburg, FL: Tropicana Field Master Plan Study
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: Master Plan Study
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: Part 150 Noise Compatibility Planning Study
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: New Runway & Terminal 4 Expansion
- Broward County Convention Center, Ft. Lauderdale, FL: Expansion Master Plan Study
- City of Fort Lauderdale Las Olas Beach Park project: $49m Las Olas Corridor Improvements
- School Board of Broward County, Ft. Lauderdale, FL: $800m Bond Program
- Sole Mia Local Preference Office, North Miami, FL: 185-acre Mixed-Use Development
- City of Miami Gardens Municipal Complex, Miami Gardens, FL
- Broward Health North, Deerfield Beach, FL: Capital Improvement Program
- Broward Health Coral Springs, Coral Springs, FL: Expansion Program
- Nemours Children's Hospital, Orlando, FL: New 160-Bed Pediatric Hospital

SHORT BIO

Yvonne offers 25 years of relevant experience with a primary emphasis in creating and leading proven economic development & outreach programs that have impacted the diverse, local business and workforce communities at the highest of both local and national levels.

Yvonne is President CEO of Garth Solutions, Inc. (GSI) and brings her proven leadership and experience as she is respected throughout the construction & engineering community for providing diverse services to national, local, private and public entities in all aspects of business development, marketing, advertising, public relations, economic development, outreach, diversity program consulting and more.

Her recent focus has been to lead the GSI team in their efforts to deliver impactful solutions for our clients. Along with her team, she has helped to create opportunities for small, diverse firms on multi-million dollar construction and related projects such as the New Meadowlands Stadium, Hollywood Fort Lauderdale International Airport, Nemours Pediatric Hospital and more. As CEO of GSI, Yvonne has overseen the successful award of over $400 million worth of contract opportunities to the diverse & local business communities in which GSI has worked.

Her commitment to community is further evidenced in her public service as a former Commissioner & Vice Mayor for the City of Miramar, Chair and Board Member for the Broward County Small Business Advisory Board and as a Board Member to the Miramar Cultural Arts Trust.



LACHERYL FITZPATRICK

Chief Operations Officer

YEARS OF EXPERIENCE
28

YEARS WITH GSI
15

EDUCATION
B.S., Civil Engineering, University of Texas
Certified Charrette Planner

REPRESENTATIVE EXPERIENCE

- City of St. Petersburg, St. Petersburg, FL: Tropicana Field Master Plan Study
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: Master Plan Study
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: Part 150 Noise Compatibility Planning Study
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: New Runway & Terminal 4 Expansion
- Broward County Convention Center, Ft. Lauderdale, FL: Expansion Master Plan Study
- City of Fort Lauderdale Las Olas Beach Park project: $49m Las Olas Corridor Improvements
- School Board of Broward County, Ft. Lauderdale, FL: $800m Bond Program
- Sole Mia Local Preference Office, North Miami, FL: 185-acre Mixed-Use Development
- City of Miami Gardens Municipal Complex, Miami Gardens, FL
- Broward Health North, Deerfield Beach, FL: Capital Improvement Program
- Broward Health Coral Springs, Coral Springs, FL: Expansion Program
- Nemours Children's Hospital, Orlando, FL: New 160-Bed Pediatric Hospital

SHORT BIO

As a Civil Engineer by education, LaCheryl has a thorough understanding of the construction project development vernacular. Her career spans over 28 years with hands-on implementation of all aspects of public outreach, project management and oversight on more than a dozen Garth Solutions, Inc. (GSI)

LaCheryl offers seasoned experience working on marquis local and national projects for GSI clients to include Skanska, AECOM and HKS. Promoted from within, she is a certified Charrette Planner, has been a key member of GSI's organization for over 15 years and is an integral member of the firm's leadership team. She brings extensive continuity, specifically in the areas of community outreach, communications, diverse vendor programs, and project management.



NATALIE PALOMINO

Assistant Account Manager

YEARS OF EXPERIENCE

2

YEARS WITH GSI

1.5

EDUCATION

B.S., World Politics and Diplomacy - University of Richmond

REPRESENTATIVE EXPERIENCE

- City of Fort Lauderdale Las Olas Beach Park project: $49m Las Olas Corridor Improvements
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: Master Plan Study
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: Part 150 Noise Compatibility Planning Study
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: New Runway & Terminal 4 Expansion

SHORT BIO

As a member of the Garth Solutions team, Natalie is responsible for understanding stakeholder dynamics and goals and making sure clients' needs are met, and their voices are heard. She implements effective communications strategies across a variety of areas from trouble shooting resident and stakeholder concerns to social media engagement and writing press releases. In addition, Natalie plans and oversees events such as public workshops, stakeholder meetings, and community gatherings.

Natalie brings lessons learned experience from her previous roles in Public Relations and Communications working for the Virginia Hispanic Chamber of Commerce and Norwegian Chamber of Commerce. Natalie holds a Bachelor of Science in World Politics and Diplomacy from University of Richmond.

QUALIFICATIONS, LICENSES, AND CERTIFICATIONS

THE CORRADINO GROUP

Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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

CZERNIEJEWSKI, ERIC S.

16721 SW 14TH STREET
PEMBROKE PINES FL 33027

LICENSE NUMBER: PE58002
EXPIRATION DATE: FEBRUARY 28, 2021
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CISCAR, MIGUEL RAMON

1659 OSPREY BEND
WESTON FL 33327

LICENSE NUMBER: PE43244
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CROFT, MARK A

3953 SW 135 AVE.
DAVIE FL 33330

LICENSE NUMBER: PE40941

EXPIRATION DATE: FEBRUARY 28, 2021

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Certificate of Completion

Mark Croft

Has Completed a Florida Department of Transportation Approved Maintenance of Traffic (MOT) Advanced Course.

11/13/2018	37	Catherine Witt	3160
Expiration Date	FDOT Provider #	Instructor	Certificate #

ATSSA
SAFER ROADS SAVE LIVES

ATSSA
15 Riverside Parkway Ste.100
Fredericksburg, FL
www.atssa.com
donna.clark@atssa.com

FDOT

For more information about Maintenance of Traffic (MOT) or to verify this
www.motadmin.com

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VILLORIA, CECILIA A.

18917 SW 33 COURT
MIRAMAR FL 33029

LICENSE NUMBER: PE62866
EXPIRATION DATE: FEBRUARY 28, 2021
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Certificate of Completion

Cecilia Villoria

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.

11/07/2022	37	Tom Ervin	45436
Date Expires	FDOT Provider #	Instructor	Certificate #

ATSSA
SAFER ROADS SAVE LIVES

ATSSA
15 Riverside Parkway Ste.100
Fredericksburg, VA,
www.atssa.com
donna.clark@atssa.com

FDOT

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.motadmin.com

Section 1: Ability of Key Personnel

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

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SOTERO, JUAN A.

11611 SW 151ST PLACE
MIAMI FL 33196

LICENSE NUMBER: PE67386
EXPIRATION DATE: FEBRUARY 28, 2021
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Certificate of Completion

Juan A. Sotero

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.

01/26/2022	119	Miguel Parlade	35468
Date Expires	FDOT Provider #	Instructor	Certificate #

FIU Engineering & Computing

Florida International University
10555 W. Flagler St. EC2430
Miami,
mot.fiu.edu
nmas@fiu.edu

FDOT

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.motadmin.com

Section 1: Ability of Key Personnel

Ron DeSantis, Governor

Halsey Beshears, Secretary

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ORTIZ, VICTOR R.

300 NW 190TH AVE
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EXPIRATION DATE: FEBRUARY 28, 2021
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Certificate of Completion

Victor R. Ortiz

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.

10/13/2021	140	Jeremiah McCarthy	32797
Date Expires	FDOT Provider #	Instructor	Certificate #

METRO FLORIDA SAFETY COUNCIL

Metro Florida Safety Council
Tri-County
Dade,Broward,Palm Beach,
metrofloridasafetycouncil.com
mlyons@metrofloridasafetycouncil.com

FDOT

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BOLDEN, GERALD GLENN
5002 BLARNEY COURT
SPRING HILL TN 37174

LICENSE NUMBER: PE86930
EXPIRATION DATE: FEBRUARY 28, 2021
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Transportation Professional Certification Board Inc.

certifies that

Gerald Glenn Bolden

has met all of the requirements established by the Certification Board
to use the title of

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 1180 issued in Washington, D.C., U.S.A.
November 19, 2003

Steven D. Hofener
Chair

PTOE
PROFESSIONAL
TRAFFIC
OPERATIONS
ENGINEER

Executive Director

Section 1: Ability of Key Personnel

Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

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SPATAFORA, VANESSA

13885 SW 42ND STREET
DAVIE FL 33330

LICENSE NUMBER: PE77741

EXPIRATION DATE: FEBRUARY 28, 2021

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This certificate hereby qualifies

Teresa M. Neal, AICP

as a member with all the benefits of a Certified Planner and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number: 31060

James M. Drinan, JD
Executive Director

Deborah Lawlor, FAICP, PP
President

APA The American Planning Association's Professional Institute
AICP American Institute of Certified Planners
Making Great Communities Happen

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

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PEREZ DE MORALES, EDUARDO

2570 JARDIN PLACE
WESTON FL 33327

LICENSE NUMBER: PE36146
EXPIRATION DATE: FEBRUARY 28, 2021
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11642335

State of Tennessee

STATE BOARD OF ARCHITECTURAL AND ENGINEERING EXAMINERS
PROFESSIONAL ENGINEER
MR MICHAEL ANDREW BIGGS

This is to certify that all requirements of the State of Tennessee have been met.

ID NUMBER: 103970
LIC STATUS: ACTIVE
EXPIRATION DATE: June 30, 2021

IN-1313
DEPARTMENT OF
COMMERCE AND INSURANCE

The Sunshine Safety Council, Inc.
661 Beville Road Suite 206 South Daytona, FL 32119
(386) 301-5575 (800) 467-7327 x 114
stacey@sunshinesafety.org
www.sunshinesafety.org

September 9, 2019

To Whom It May Concern,

As Sunshine Safety Council's Safety Coordinator and an IMSA proctor (PR-0101), I can verify that the following Corradino Group employees have attended the IMSA Traffic Signal Inspector with Florida supplement certification program.

1. Ruslet Baronvil
2. Luis Charria
3. Melecia Coates
4. Thomas Davis
5. Daniel Estupinan
6. Augusto Perez
7. Barry Rawdon
8. Joel Valentin
9. David Valladares
10. Anthony Zea

For students whose certificates have not arrived, official certificates will be available in the very near future. If I can be of further assistance, please feel free to contact me.

Sincerely,

Stacey Mueller

IMSA Proctor PR-0101
Sunshine Safety Council
Membership and Safety Coordinator
stacey@sunshinesafety.org
www.sunshinesafety.org
Cell: (305)304-5331
Direct Line: (386)301-5575
Toll-free:(800)467-7327 x 114

Florida Department of Transportation's
Construction Training Qualification Program
LUIS CHARRIA

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
	Asphalt	Asphalt Paving Technician - Level 1	10/6/2019
	Asphalt	Asphalt Paving Technician - Level 2	10/6/2019
	Concrete	Concrete Field Technician - Level 1	11/21/2020
	Earthwork	Earthwork Construction Inspection - Level 1	1/29/2024
	Earthwork	Earthwork Construction Inspection - Level 2	4/30/2020
	Management	Final Estimates - Level 1	8/30/2022

Florida Department of Transportation's
Construction Training Qualification Program
MELECIA COATES

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
	Asphalt	Asphalt Paving Technician - Level 1	9/20/2022
	Asphalt	Asphalt Paving Technician - Level 2	9/20/2022
	Asphalt	Asphalt Plant Technician - Level 1	2/25/2020
	Concrete	Concrete Field Technician - Level 1	1/20/2023
	Earthwork	Earthwork Construction Inspection - Level 1	7/1/2020
	Earthwork	Earthwork Construction Inspection - Level 2	7/31/2019
	Geotech	Drilled Shaft Inspection	12/27/2021
	Management	Final Estimates - Level 1	5/21/2021
	Management	QC Manager	Does Not Expire

Florida Department of Transportation's
Construction Training Qualification Program

DAVID VALLADARES

Qualifications Search

Qualifications			
TRAINEE	**MATERIAL GROUP**	**QUALIFICATION**	**EXPIRATION DATE**
	Asphalt	Asphalt Paving Technician - Level 1	6/2/2020
	Asphalt	Asphalt Paving Technician - Level 2	3/18/2021
	Concrete	Concrete Field Technician - Level 1	7/11/2020
	Earthwork	Earthwork Construction Inspection - Level 1	5/1/2020
	Geotech	Drilled Shaft Inspection	8/15/2020
	Geotech	Pile Driving Inspection	6/2/2021
	Management	Final Estimates - Level 1	3/25/2021

Florida Department of Transportation's
Construction Training Qualification Program

JUAN ROMERO

Qualifications Search

Qualifications			
TRAINEE	**MATERIAL GROUP**	**QUALIFICATION**	**EXPIRATION DATE**
	Asphalt	Asphalt Paving Technician - Level 1	2/20/2022
	Asphalt	Asphalt Paving Technician - Level 2	7/20/2022
	Concrete	Concrete Field Technician - Level 1	3/31/2022
	Earthwork	Earthwork Construction Inspection - Level 1	3/24/2022
	Earthwork	Earthwork Construction Inspection - Level 2	10/19/2022
	Geotech	Drilled Shaft Inspection	10/28/2022
	Geotech	Pile Driving Inspection	3/11/2022

Florida Department of Transportation's
Construction Training Qualification Program

EDGAR CARRENO

Qualifications Search

Qualifications			
TRAINEE	**MATERIAL GROUP**	**QUALIFICATION**	**EXPIRATION DATE**
	Asphalt	Asphalt Paving Technician - Level 1	1/13/2020
	Asphalt	Asphalt Paving Technician - Level 2	7/14/2021
	Concrete	Concrete Field Technician - Level 1	11/8/2019
	Earthwork	Earthwork Construction Inspection - Level 1	12/8/2019
	Geotech	Drilled Shaft Inspection	6/27/2020
	Geotech	Pile Driving Inspection	2/11/2020
	Management	Final Estimates - Level 1	2/17/2020
	Management	Final Estimates - Level 2	2/24/2020

Section 1: Ability of Key Personnel

ASA CONSULTANTS

Ron DeSantis, Governor

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ASA CONSULTANTS, INC.
510 SHOTGUN ROAD
SUITE 402
SUNRISE FL 33236

LICENSE NUMBER: CA30932
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor

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STATE OF FLORIDA

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

SADOUGH, SOHEILA
510 SHOTGUN ROAD
SUITE 402
SUNRISE FL 33326

LICENSE NUMBER: PE44130
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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

RODRIGUEZ, CARLOS MANACE
510 SHOTGUN ROAD
SUITE 402
SUNRISE FL 33326

LICENSE NUMBER: PE79134
EXPIRATION DATE: FEBRUARY 28, 2021
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Section 1: Ability of Key Personnel

BMA Consulting Engineering
Transportation Infrastructure & Innovation

Ron DeSantis, Governor

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

BMA CONSULTING ENGINEERING, INC.

16928 SW 35TH STREET
MIRAMAR FL 33027

LICENSE NUMBER: CA29947
EXPIRATION DATE: FEBRUARY 28, 2021
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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

SPENCER, RONALD LEE

911 HILLCREST COURT
#126
HOLLYWOOD FL 330210000

LICENSE NUMBER: PE39141
EXPIRATION DATE: FEBRUARY 28, 2021
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REIS, LOUIS G

322 FORREST CREST CT.
OCOEE FL 34761

LICENSE NUMBER: PE40215
EXPIRATION DATE: FEBRUARY 28, 2021
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8:45:42 AM 9/4/2019

Licensee Details

Licensee Information	
Name:	**KENEIBY, VICTOR (Primary Name)**
Main Address:	**42 ASHLEY CIRCLE** **MANORVILLE New York 11949**
County:	**OUT OF STATE**
License Mailing:	
LicenseLocation:	

License Information	
License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**83640**
Status:	**Current,Active**
Licensure Date:	**08/07/2017**
Expires:	**02/28/2021**

Special Qualifications	**Qualification Effective**
Civil	**08/07/2017**

Section 1: Ability of Key Personnel

Ron DeSantis, Governor

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MUSTAFA, JESUS A NASSER

18503 PINES BOULEVARD
PEMBROKE PINES FL 33029

LICENSE NUMBER: PE43809

EXPIRATION DATE: FEBRUARY 28, 2021

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Certificate of Completion

Jesus A. Mustafa

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.

10/20/2021	119	Miguel Parlade	33109
Date Expires	FDOT Provider #	Instructor	Certificate #

FIU Engineering & Computing

Florida International University
10555 W. Flagler St. EC3602
Miami, FL 33174
https://dep.fiu.edu/academics/programs/continuing-education/mot
heaali@fiu.edu

FDOT

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.motadmin.com

RADISE INTERNATIONAL

State of Florida
Department of State

I certify from the records of this office that RADISE INTERNATIONAL, L.C. is a limited liability company organized under the laws of the State of Florida, filed on September 30, 1997.

The document number of this limited liability company is L97000001085.

I further certify that said limited liability company has paid all fees due this office through December 31, 2019, that its most recent annual report was filed on January 8, 2019, and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Eighth day of January, 2019

Secretary of State

Tracking Number: 3291761310CC

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

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

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JONATHAN ZACHEM, SECRETARY

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STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

RADISE INTERNATIONAL, L.C.

4152 W. BLUE HERON BLVD. #1114
RIVIERA BEACH FL 33404

LICENSE NUMBER: CA8901

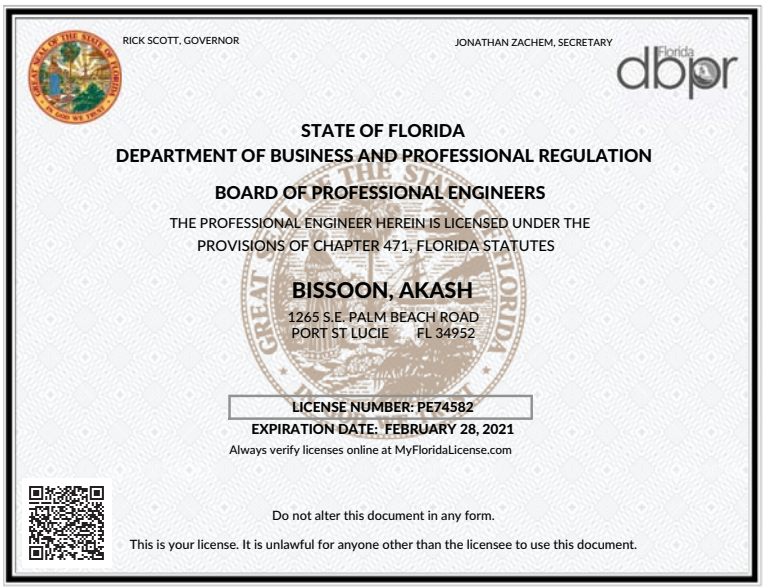
EXPIRATION DATE: FEBRUARY 28, 2021

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Section 1: Ability of Key Personnel



RICK SCOTT, GOVERNOR

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

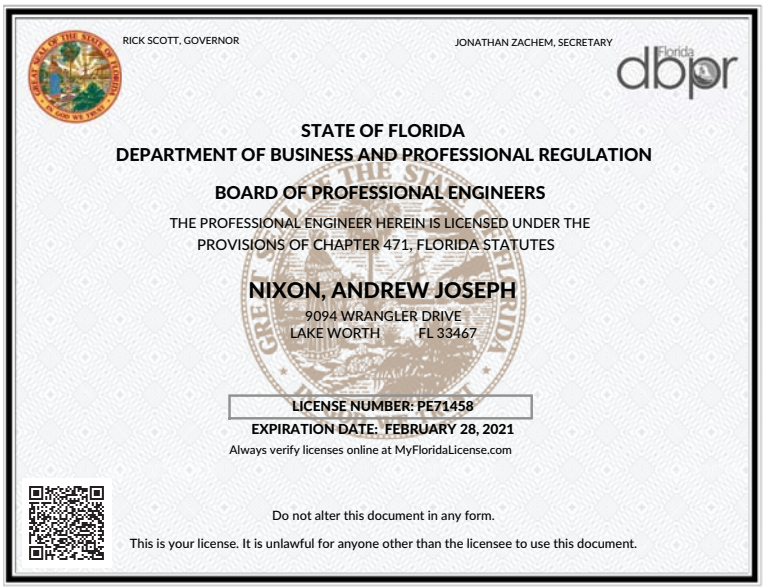
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

BISSOON, AKASH
1265 S.E. PALM BEACH ROAD
PORT ST LUCIE FL 34952

LICENSE NUMBER: PE74582
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JONATHAN ZACHEM, SECRETARY

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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

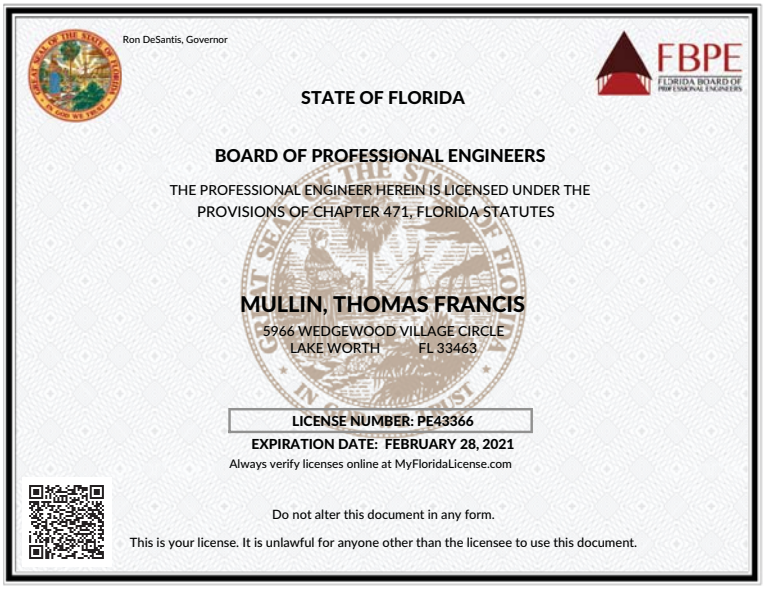
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

NIXON, ANDREW JOSEPH
9094 WRANGLER DRIVE
LAKE WORTH FL 33467

LICENSE NUMBER: PE71458
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor

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MULLIN, THOMAS FRANCIS
5966 WEDGEWOOD VILLAGE CIRCLE
LAKE WORTH FL 33463

LICENSE NUMBER: PE43366
EXPIRATION DATE: FEBRUARY 28, 2021
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THOMPSON & ASSOCIATES



Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

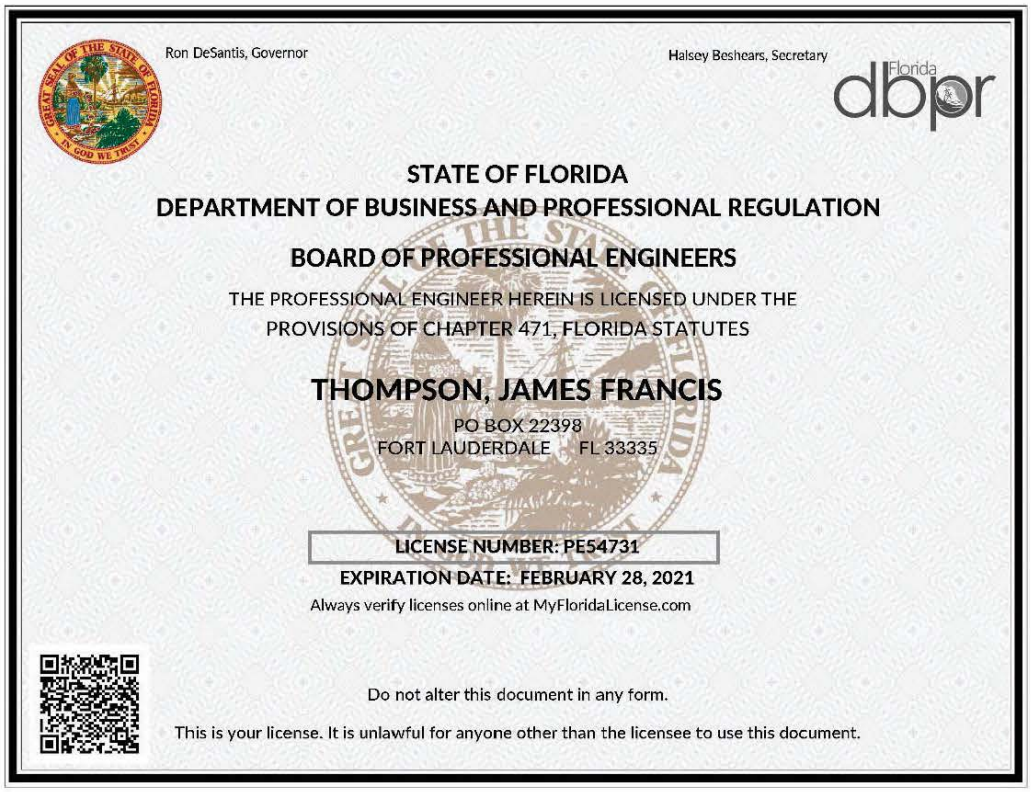
THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

THOMPSON & ASSOCIATES, INC. CIVIL ENGINEERING
PO BOX 22398
FORT LAUDERDALE FL 33316

LICENSE NUMBER: CA28185
EXPIRATION DATE: FEBRUARY 28, 2021
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Halsey Beshears, Secretary

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BOARD OF PROFESSIONAL ENGINEERS

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

THOMPSON, JAMES FRANCIS
PO BOX 22398
FORT LAUDERDALE FL 33335

LICENSE NUMBER: PE54731
EXPIRATION DATE: FEBRUARY 28, 2021
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Section 1: Ability of Key Personnel

GBCI

GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

James Thompson

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.

LEED AP

Chairman

March 27, 2009
Date Issued

Peter Templeton, President

Printed on 30% bamboo fiber / 30% post-consumer fiber with vegetable based inks.

QUALIFIED
STORMWATER MANAGEMENT
INSTRUCTOR

DEPARTMENT OF ENVIRONMENTAL PROTECTION
FLORIDA

The undersigned hereby acknowledge that

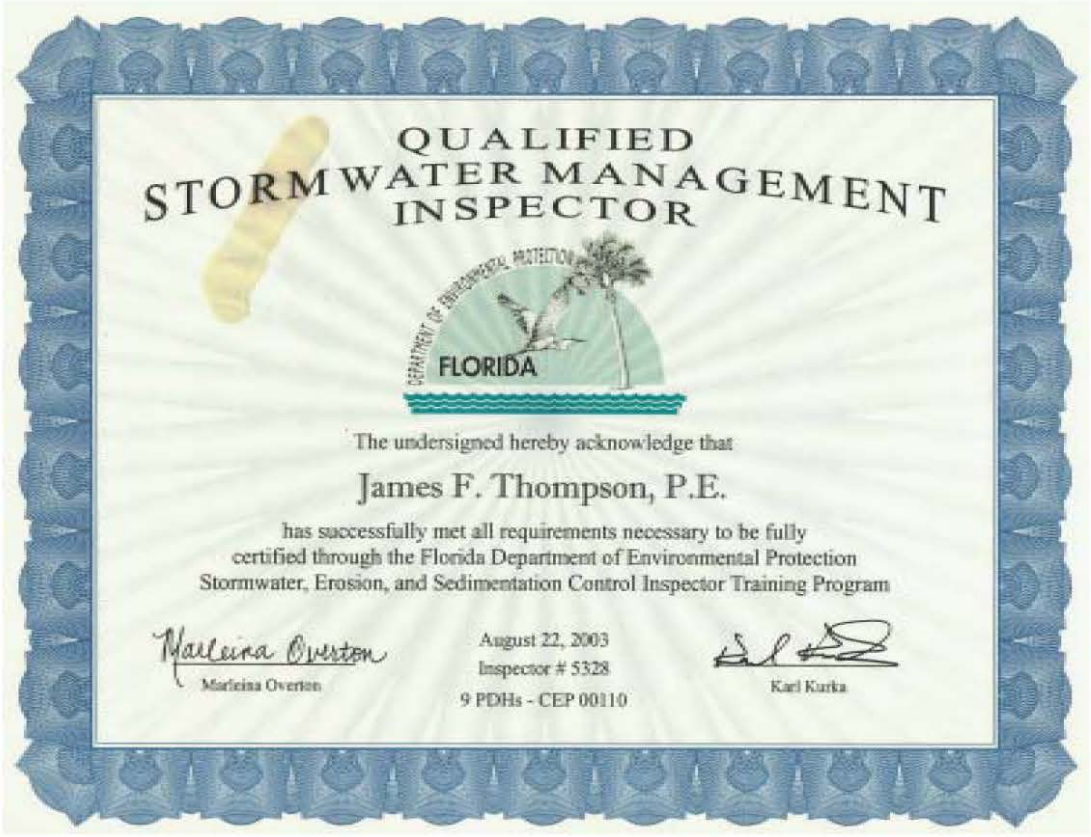
James Thompson

has successfully met all requirements necessary to be an Instructor for the Florida Stormwater, Erosion, and Sedimentation Control Inspector Training Program

Marleina Overton
Marleina Overton

October 27, 2003
Instructor # 169

Karl Karka



QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR

FLORIDA

The undersigned hereby acknowledge that

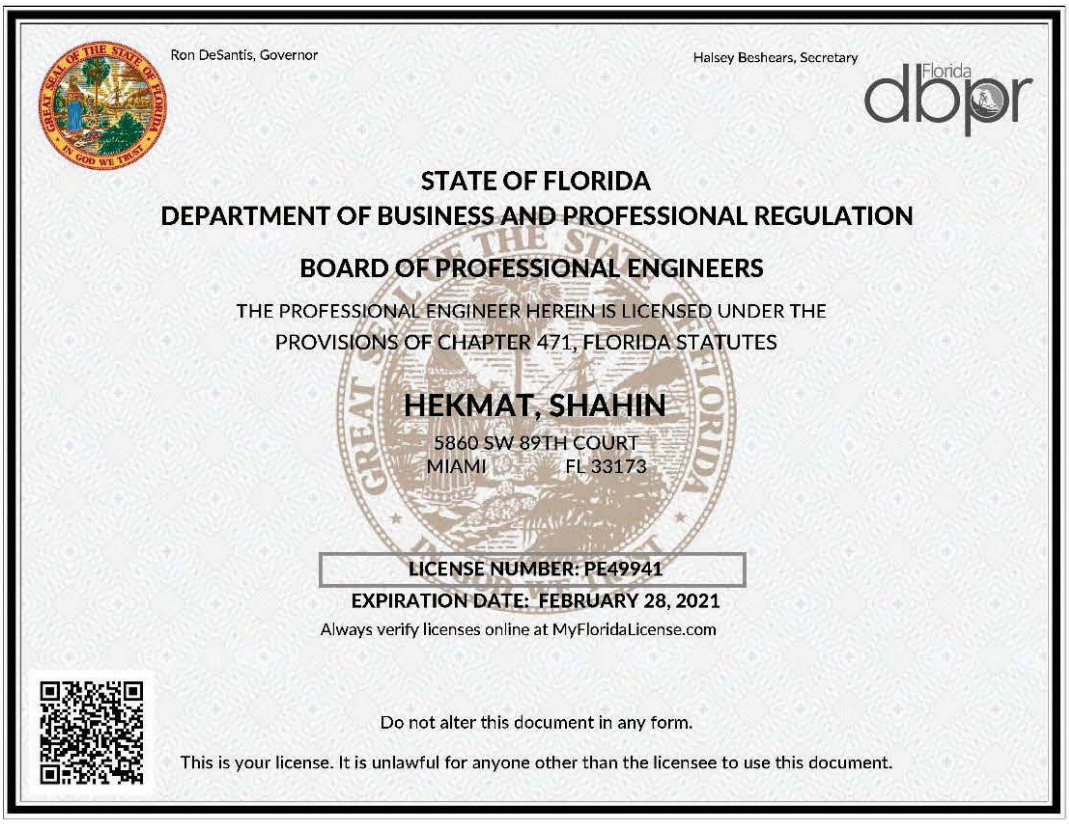
James F. Thompson, P.E.

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater, Erosion, and Sedimentation Control Inspector Training Program

Marleina Overton
Marleina Overton

August 22, 2003
Inspector # 5328
9 PDHs - CEP 00110

Karl Kurka



Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

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HEKMAT, SHAHIN
5860 SW 89TH COURT
MIAMI FL 33173

LICENSE NUMBER: PE49941
EXPIRATION DATE: FEBRUARY 28, 2021
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QUALIFIED STORMWATER MANAGEMENT INSPECTOR

The undersigned hereby acknowledges that

Shahin Hekmat

has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

March 20, 2019

Jared Searcy
Environmental Specialist III

Inspector Number 42335

Kevin Coyne
WQRP Program Administrator

FDOT

Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Shahin Hekmat

Has completed the requirements for:

Asphalt Paving Technician - Level 1

Expiration Date: March 20, 2023*

CTQP
Construction
Training Qualification Program
www.ctqpflorida.com

Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01.

Certificate of Completion

Shahin A. Hekmat

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Intermediate Course.

11/17/2020	140	Jeremiah McCarthy	22826
Date Expires	FDOT Provider #	Instructor	Certificate #

Metro Florida Safety Council
Tri-County
Dade,Broward,Palm Beach,
metrofloridasafetycouncil.com
mlyons@metrofloridasafetycouncil.com

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.motadmin.com

Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Shahin Hekmat

Has completed the requirements for:

Final Estimates - Level 1

Expiration Date: May 15, 2024*

Construction Training Qualification Program
www.ctqpflorida.com

Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01.

Certificate of Completion

Shahin Hekmat

Has Completed a Florida Department of Transportation Approved Maintenance of Traffic (MOT) Advanced (Refresher) Course.

02/26/2020	134	Al Sevcech	14836
Expiration Date	FDOT Provider #	Instructor	Certificate #

A&SW Consultants, Inc.
55 Inlet Harbor Rd. Ste.121
Port Orange, FL
www.FloridaMOT.com
swhite@aswconsultants.com

For more information about Maintenance of Traffic (MOT) or to verify this
www.motadmin.com

QUALIFIED STORMWATER MANAGEMENT INSPECTOR

DEPARTMENT OF ENVIRONMENTAL PROTECTION
FLORIDA

The undersigned hereby acknowledge that

Shahin Hekmat, P.E.

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater, Erosion, and Sedimentation Control Inspector Training Program

Marleina Overton
Marleina Overton

December 6, 2003
Inspector # 5888
8 PDHs - CEP 00110

Karl Kurka

Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Darren Badore

Has completed the requirements for:

Asphalt Paving Technician - Level 1

Expiration Date: May 3, 2021*

CTQP
Construction
Training Qualification Program
www.ctqpflorida.com

Melissa Wildermuth
Melisssa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01.

Certificate of Completion

Darren L. Badore

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Intermediate Course.

11/17/2020	140	Jeremiah McCarthy	22829
Date Expires	FDOT Provider #	Instructor	Certificate #

METRO
FLORIDA SAFETY COUNCIL

Metro Florida Safety Council
Tri-County
Dade,Broward,Palm Beach,
metrofloridasafetycouncil.com
mlyons@metrofloridasafetycouncil.com

FDOT

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.motadmin.com

Section 1: Ability of Key Personnel

CALTRAN ENGINEERING GROUP
"Engineering for the Future"

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

CALTRAN ENGINEERING GROUP, INC.

790 NW 107 AVENUE
SUITE 200
MIAMI FL 33172

LICENSE NUMBER: CA29379
EXPIRATION DATE: FEBRUARY 28, 2021
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LIU, JEANNELIA P.

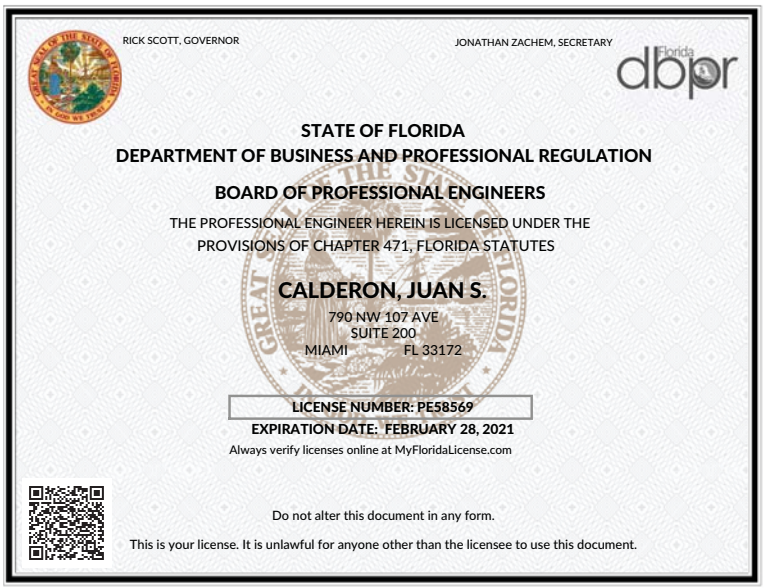
1411 SIENA AVENUE
CORAL GABLES FL 33146

LICENSE NUMBER: PE57565
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Section 1: Ability of Key Personnel



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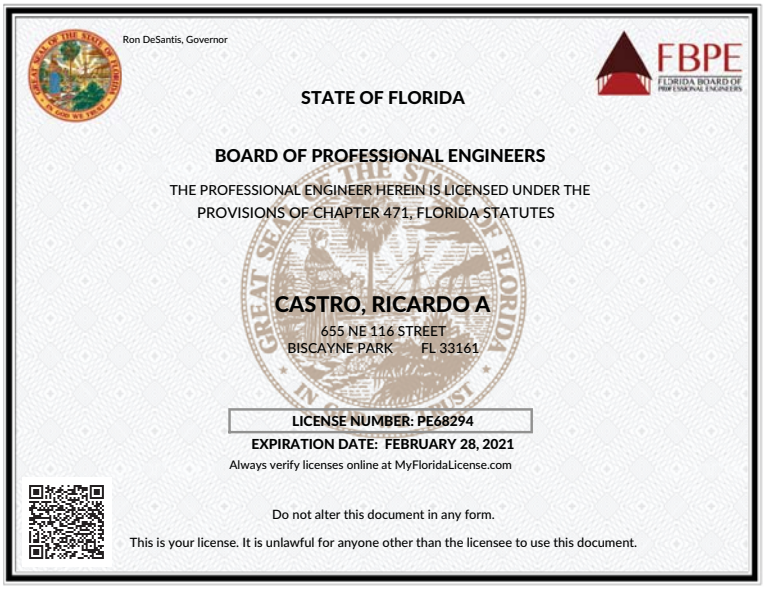
CALDERON, JUAN S.

790 NW 107 AVE
SUITE 200
MIAMI FL 33172

LICENSE NUMBER: PE58569
EXPIRATION DATE: FEBRUARY 28, 2021
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CASTRO, RICARDO A

655 NE 116 STREET
BISCAYNE PARK FL 33161

LICENSE NUMBER: PE68294
EXPIRATION DATE: FEBRUARY 28, 2021
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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

CELIZ, RONALD ALBERTO

2504 SW 138TH COURT
MIAMI FL 33175

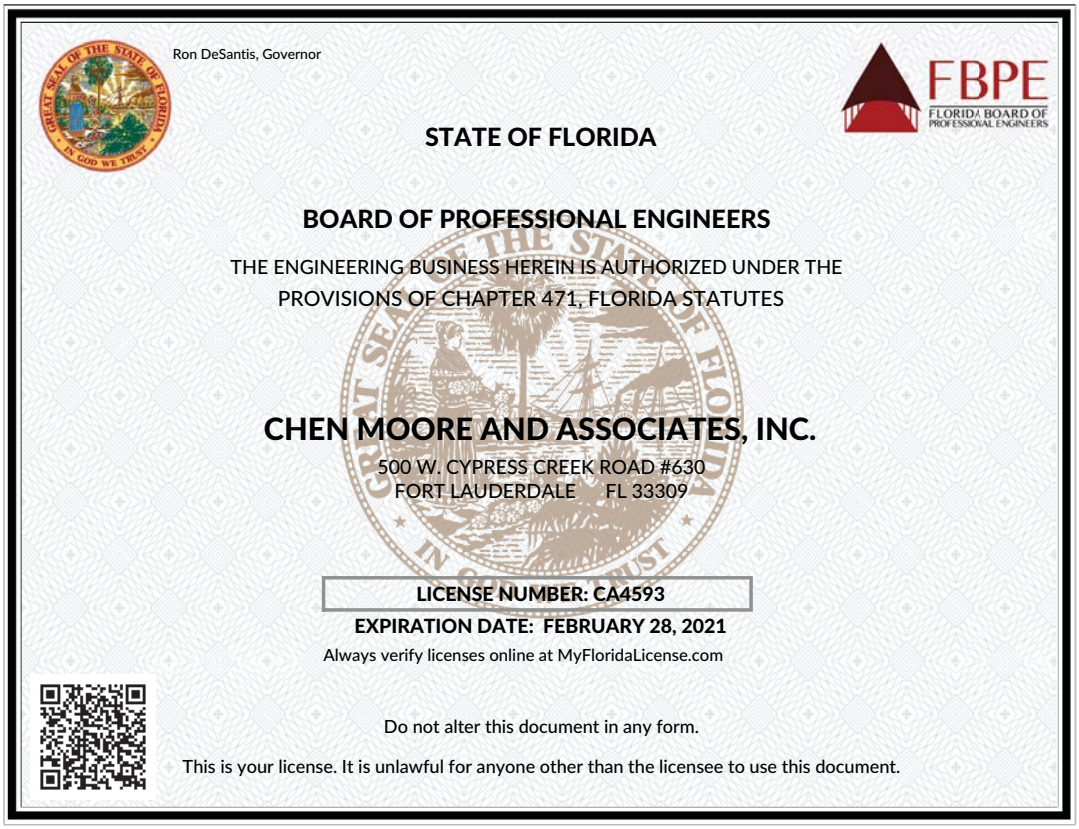
LICENSE NUMBER: PE87465
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Section 1: Ability of Key Personnel

CHEN·MOORE &ASSOCIATES



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STATE OF FLORIDA

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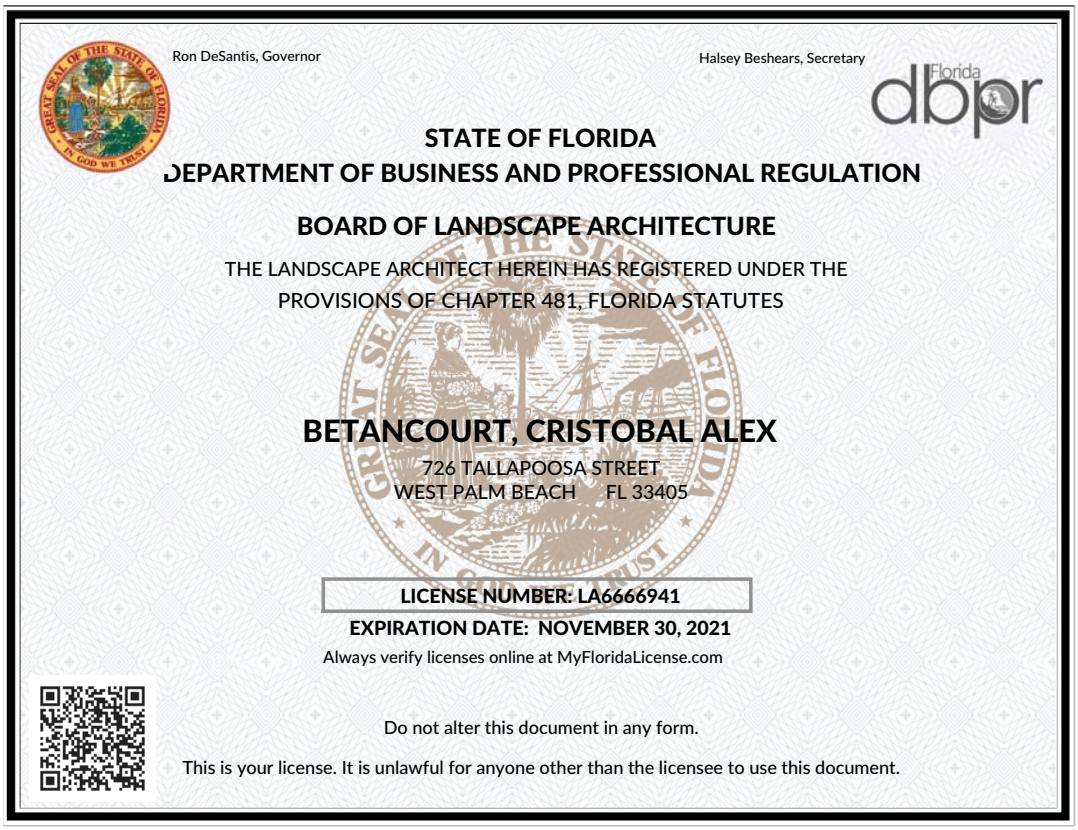
CHEN MOORE AND ASSOCIATES, INC.

500 W. CYPRESS CREEK ROAD #630
FORT LAUDERDALE FL 33309

LICENSE NUMBER: CA4593
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

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

BETANCOURT, CRISTOBAL ALEX

726 TALLAPOOSA STREET
WEST PALM BEACH FL 33405

LICENSE NUMBER: LA6666941
EXPIRATION DATE: NOVEMBER 30, 2021
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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

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BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
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SMITH, JENNIFER LEA

5003 PEBBLEBROOK WAY
COCONUT CREEK FL 33073

LICENSE NUMBER: PE72232
EXPIRATION DATE: FEBRUARY 28, 2021

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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

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

LICENSE NUMBER
LA6667129

The LANDSCAPE ARCHITECT
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2019

HARRISON, ERIC DOUGLAS
2865 SE PERU STREET
PORT ST LUCIE FL 34984

ISSUED: 12/14/2017

DISPLAY AS REQUIRED BY LAW

SEQ # L1712140000866

Section 1: Ability of Key Personnel

ELAND ENGINEERING EXCELLENCE

State of Florida
Department of State

I certify from the records of this office that ELAND ENGINEERING, INC is a corporation organized under the laws of the State of Florida, filed on October 21, 2009, effective October 16, 2009.

The document number of this corporation is P09000086971.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on February 7, 2019, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Seventh day of February, 2019

Secretary of State

Tracking Number: 2641020965CC

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

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

Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ELAND ENGINEERING, INC.

3323 WEST COMMERCIAL BLVD
SUITE 110
FORT LAUDERDALE FL 33309

LICENSE NUMBER: CA28867

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com

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Section 1: Ability of Key Personnel



Bo Qian
is hereby certified as a

Traffic Signal Technician Level I
by completing all requirements and examination for certification
on 2/11/2019

Valid thru 2/11/2022
Certification #AA_125487

Donald A. Fullerton - Interim Executive Director



Bo Qian
is hereby certified as a

Traffic Signal Field Technician Level II
by completing all requirements and examination for certification
on 2/11/2019

Valid thru 2/11/2022
Certification #BE_125487

Donald A. Fullerton - Interim Executive Director



Bo Qian
is hereby certified as a

Traffic Signal Senior Field Technician Level III
by completing all requirements and examination for certification
on 2/11/2019

Valid thru 2/11/2022
Certification #CE_125487

Donald A. Fullerton - Interim Executive Director

Section 1: Ability of Key Personnel

Certificate of Completion

Bo Qian

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.

11/03/2022	185	Kenneth W. Baldwin	45599
Date Expires	FDOT Provider #	Instructor	Certificate #

Certificate of Completion

Safety 1st Priority
750 NE 199th St. #H201
Miami, FL 33179

kabco7@yahoo.com

FDOT

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.motadmin.com

CERTIFIED PUBLIC SAFETY TECHNICIAN
IMSA

Christopher J. Harsh
is hereby certified as a

Traffic Signal Technician Level I
by completing all requirements and examination for certification
on 2/11/2019

Valid thru 2/11/2022
Certification #AA_125486

Donald A. Fullerton - Interim Executive Director

CERTIFIED PUBLIC SAFETY TECHNICIAN
IMSA

Christopher J. Harsh
is hereby certified as a

Traffic Signal Field Technician Level II
by completing all requirements and examination for certification
on 2/11/2019

Valid thru 2/11/2022
Certification #BE_125486

Donald A. Fullerton - Interim Executive Director

Section 1: Ability of Key Personnel



CERTIFIED PUBLIC SAFETY TECHNICIAN
IMSA

David J. Bormann
is hereby certified as a

Traffic Signal Senior Field Technician Level III
by completing all requirements and examiniation for certification
on 9/4/2018

Valid thru 9/4/2021
Certification #CE_111109

Donald A. Fullerton - Interim Executive Director

Certificate of Completion

Aidin Massahi

Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.

11/16/2022	140	Messler R. Gilchrist	45530
Date Expires	FDOT Provider #	Instructor	Certificate #

METRO FLORIDA SAFETY COUNCIL

Metro Florida Safety Council
Tri-County
Dade,Broward,Palm Beach,
metrofloridasafetycouncil.com
mlyons@metrofloridasafetycouncil.com

FDOT

For more information about Temporary Traffic Control (TTC) or to verify this certificate
www.motadmin.com

Certificate of Completion

Rossi M. Gaudio

Has Completed a Florida Department of Transportation Approved Maintenance of Traffic (MOT) Advanced (Refresher) Course.

01/26/2019	37	Catherine Witt	4513
Expiration Date	FDOT Provider #	Instructor	Certificate #

ATSSA
SAFER ROADS SAVE LIVES

ATSSA
15 Riverside Parkway Ste.100
Fredericksburg, FL
www.atssa.com
donna.clark@atssa.com

FDOT

For more information about Maintenance of Traffic (MOT) or to verify this
www.motadmin.com

CERTIFIED PUBLIC SAFETY TECHNICIAN
IMSA

Traffic Signal Program

Rossi M. Gaudio

is hereby certified as a

Traffic Signal Field Technician Level II

on 4/10/2017

Valid Thru 4/10/2020

Douglas M. Aiken - Executive Director

Section 1: Ability of Key Personnel



Traffic Signal Program

Stephen Shreve

is hereby certified as a

Traffic Signal Field Technician Level II

on 9/28/2017

Valid Thru 9/28/2020

Douglas M. Aiken - Executive Director



Traffic Signal Program

Anthony Mendoza

is hereby certified as a

Traffic Signal Construction Technician Level II

on 4/10/2017

Valid Thru 4/10/2020

Douglas M. Aiken - Executive Director

Section 1: Ability of Key Personnel

KEITH

Ron DeSantis, Governor

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KEITH & ASSOCIATES, INC.
301 EAST ATLANTIC BOULEVARD
POMPANO BEACH FL 33060

LICENSE NUMBER: CA7928
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

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

License No.: **LB6860**
Expiration Date February 28, 2021

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

KEITH AND ASSOCIATES INC
301 EAST ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

nicole fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

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

License No.: **LS5872**
Expiration Date February 28, 2021

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

ERIC EDMUND WILHJELM
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

License No.: **LS6805**
Expiration Date February 28, 2021

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

LEE POWERS
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

STONER & ASSOCIATES, Inc.
SURVEYORS - MAPPERS

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

License No.: **LB6633**
Expiration Date February 28, 2021

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

STONER & ASSOCIATES INC
4341 SW 62ND AVE
DAVIE, FL 33314

nicole fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

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

License No.: **LS4039**
Expiration Date February 28, 2021

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

JAMES D STONER
STONER & ASSOCIATES INC4341 SW 62ND AVE
DAVIE, FL 33314-3426

nicole fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

Peters Road + SW 46th Avenue



Section 2: Project Approach

UNDERSTANDING THE SCOPE OF SERVICES

We recognize that he economic vitality of Broward County depends on the ability to move people, goods and services. Broward County voters approved a 30-year, one cent surtax for transportation in November 2018. The sales surtax took effect on January 1, 2019. It will be used, in part, to address the projects in the Continuing Contract.

Broward County is home to almost 2 million residents. The County continues to grow with more than 64 households moving in each day. With the growing population, coupled with flat or declining gas tax revenues used for transportation projects, the additional surtax revenue can leverage up to $3 billion from federal, state and other sources.

Broward County's plan targets its biggest transportation problems and will create connectivity, reduce traffic congestion, improve transit service and expand multimodal transportation. In addition, roadway improvements, such as fiber optics, adaptive-signal technology, drainage projects, transit service enhancements, and data and technology research are being programmed. Broward County is preparing a 5-year Plan, due July 1, 2020, to the Independent Transportation Surtax Oversight Board and the Broward County Board of County Commissioners for their approval.

The scope of this contract will cover each of the following FDOT Work Groups as identified in the RFP:

- 3.1: Minor Highway Design
- 3.2: Major Highway Design
- 4.1.1: Miscellaneous Structures
- 6.1: Traffic Engineering Studies
- 6.2: Traffic Signal Timing
- 6.3.1: Intelligent Transportation Systems Analysis and Design
- 6.3.2: Intelligent Transportation Systems Implementation
- 6.3.3: Intelligent Transportation Traffic Engineering Systems Communications
- 6.3.4: Intelligent Transportation System Software Development
- 7.1: Signing, Pavement Marking, and Channelization
- 7.2: Lighting
- 7.3: Signalization
- 8.1: Control Surveying
- 8.2: Design, Right-of-Way, and Construction Surveying
- 8.4: Right-of-Way Mapping
- 9.1: Soil Exploration
- 9.2: Geotechnical Classification Lab Testing
- 9.3: Highway Materials Testing
- 9.4.1: Standard Foundation Studies
- 9.5: Geotechnical Specialty Lab Testing
- 10.1: Roadway Construction, Engineering and Inspection (CEI)
- 10.3: Construction Materials Inspection
- 10.4: Minor Bridge and Miscellaneous Structures CEI
- 15.0: Landscape Architect

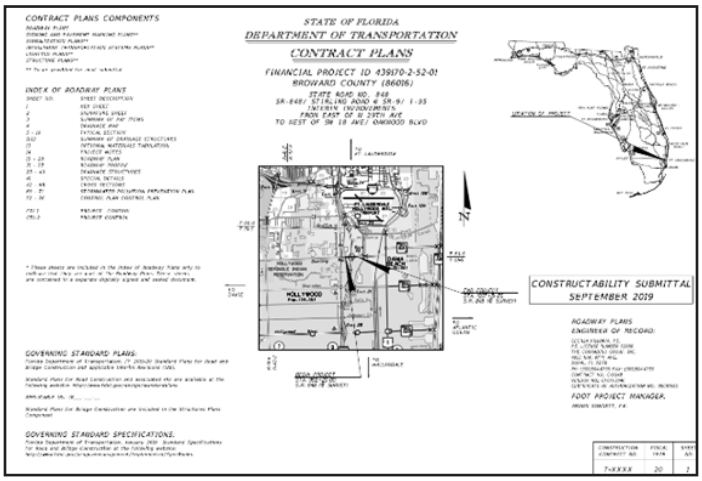
	Work Groups/Services	Team Members										
		CORRADINO (Prime)	ASA	BMA	CALTRAN	CMA	EE	GSI	KEITH	RADISE	SA	T&A
3.1	Minor Highway Design	✔			✔							
3.2	Major Highway Design	✔			✔							
4.1.1	Miscellaneous Structures		✔	✔								
6.1	Traffic Engineering Studies	✔			✔		✔					
6.2	Traffic Signal Timing	✔			✔		✔					
6.3.1	Intelligent Transportation Systems Analysis and Design						✔					
6.3.2	Intelligent Transportation Systems Implementation						✔					
6.3.3	Intelligent Transportation Traffic Engineering Systems Communications						✔					
6.3.4	Intelligent Transportation System Software Development	✔					✔					
7.1	Signing, Pavement Marking, and Channelization	✔			✔							
7.2	Lighting			✔					✔			
7.3	Signalization	✔			✔							
8.1	Control Surveying								✔		✔	
8.2	Design, Right-of-Way, and Construction Surveying								✔		✔	
8.4	Right-of-Way Mapping								✔		✔	
9.1	Soil Exploration									✔		
9.2	Geotechnical Classification Lab Testing									✔		
9.3	Highway Materials Testing									✔		
9.4.1	Standard Foundation Studies									✔		
9.5	Geotechnical Specialty Lab Testing									✔		
10.1	Roadway Construction, Engineering and Inspection (CEI)	✔										✔
10.3	Construction Materials Inspection	✔										✔
10.4	Minor Bridge and Miscellaneous Structures CEI		✔									
15	Landscape Architect					✔			✔			
	Drainage/Environmental					✔						✔
	Subsurface Utility Exploration (SUE)								✔			✔
	Public Outreach	✔						✔				

Section 2: Project Approach

Minor & Major Highway Design (3.1 & 3.2)

Our Team's roadway projects encompass planning, design, construction plans, technical specifications, and construction phase services. Our Team has provided transportation and traffic engineering services to FDOT, Broward County, Miami-Dade County and local municipalities.

FDOT CONTRACT PLANS FOR BROWARD COUNTY



Miscellaneous Structures (4.1.1)

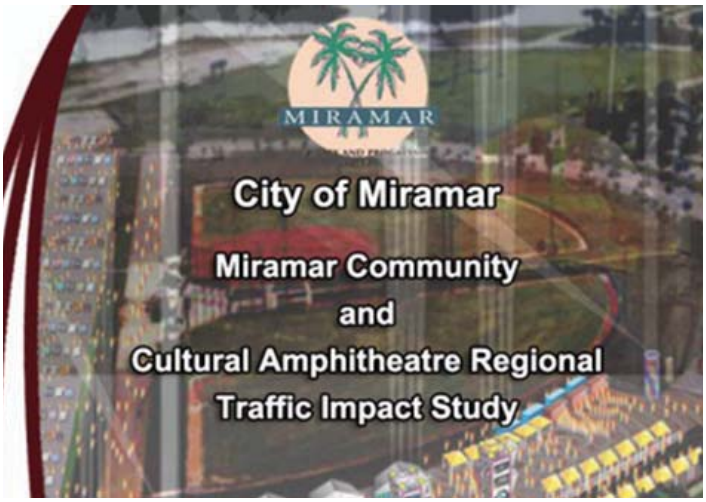
Our Team has vast experience working with FDOT and Broward County. We understand the County's practices, preferences, and processes. We have experience in design of all types of structures and are well suited to support this contract for all the structural-related tasks. Key staff members have a proven track record in South Florida and some of our team member firms are currently working on Broward County GEC contract PNC2114364P1. We anticipate structural-related work to be associated with mast arms, sign structures, light-pole foundations and existing bridge barrier wall/guard rail attachments.



Traffic Studies, Signal Timing (6.1, 6.2)

Our team members have performed bottleneck studies and corridor analyses using VISSIM and other state-of-the-art software. The analyses were consistent with the guidelines outlined in FHWA's Traffic Analysis Toolbox and evaluated each study area's operations based upon the appropriate MOEs including, but not limited to level-of-service, delay, volume-to-capacity ratio, queue length, travel time, throughput, and speed. Queue spillbacks were documented, and the conceptual design alternatives addressed existing and future spillback throughout the study area.

Our Team member, CALTRAN, serves as traffic engineering consultant for the City of Miramar. As part of this contract, it has been tasked with a range of traffic analyses, such as the expansion of Regional Park and new amphitheater, including noise evaluations. It also serves as peer reviewer for traffic impact studies, like the one for Somerset Academy, as well as large developments, such as, Lennar Univision. Also, it prepares: signal warrants, signing and pavement markings certification inspections and civil plans for new intersection improvements; new signalization improvements for Pembroke Road at Silver Shores; cost estimates for intersection enhancements for SW 148 Avenue: and the Fire Station No. 84 Corridor Study, including intersection sight distance analysis to improve safety, and signal preemption to serve emergency vehicles.



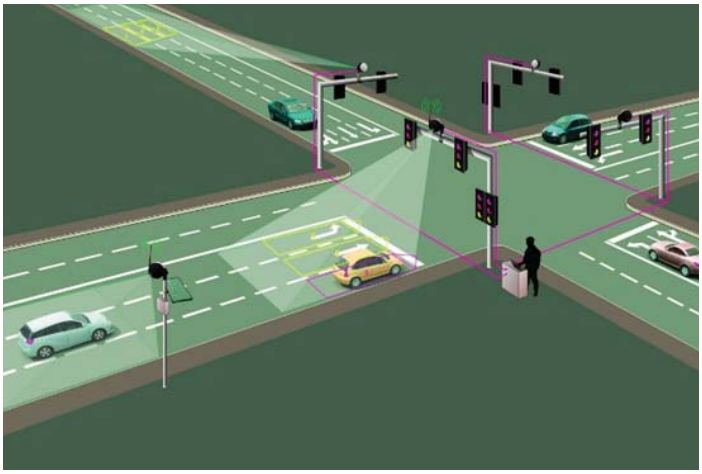
Intelligent Transportation Systems (6.3.1, 6.3.2, 6.3.3, 6.3.4)

Our Team specializes in planning, design, integration and construction management of Intelligent Transportation Systems (ITS) and advanced-technology solutions. Our founding principle is to help clients develop innovative, cost-effective engineering and cutting-edge technology solutions that enhance mobility and safety. Team member,

Section 2: Project Approach

ELAND, provides our team with expertise in specialized ITS systems. Team members are experienced in: fiber optic and wireless communication technologies; IP/Ethernet network architectures; power distribution and backup systems; traffic controllers; CCTV cameras; dynamic message signs; vehicle detection stations; highway advisory radios; roadway weather information systems; electronic toll collection; ramp metering; reversible express lanes access control; voice-over IP; and, systems integration.

ITS SYSTEM AT INTERSECTION



Signing and Pavement Marking and Channelization (7.1)

Team members specialize in all aspects of roadway design, including Signing and Pavement Marking and Channelization in accordance with the latest FDOT and MUTCD standards.

Lighting (7.2)

Broward County follows FDOT Design Manual (FDM) (Section 231, Lighting), when evaluating existing and new conditions. The AASHTO Roadway Lighting Design Guide provides the necessary information on use of illuminance techniques. The vertical illuminance calculation method to be used at intersections will be the variable light meter aimed toward the driver's location.

For existing signalized intersections, where a full signal upgrade is not occurring, the existing infrastructure sometimes restricts placement of more lighting fixtures that are necessary to meet FDM criteria. Lighting retrofits are considered at signalized intersections on corridors that have a history of nighttime pedestrian crashes. Lighting warrants are based on benefit-cost ratios determined from the Average Daily Traffic (ADT), the ratio of night-to-day crashes, initial cost, and maintenance.



Fixture supports, foundations, and other elements must adhere to Broward County standards and meet AASHTO's LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals requirements.

Signalization (7.3)



Our team has designed major signalization improvements to provide new signal mast arms consistent with Broward County standards, FDOT's Standard Plans Index and FDOT's Design Manual. Some of the projects include improvements at Miramar Parkway and Palm Avenue; and the Peters Road and SW 80th Terrace Intersection in Plantation. Our team members have worked with Broward County staff Sharon Gross, Rebecca Martinez, Luis Gaslonde to implement multiple improvements. We have also designed several vehicle detection projects in lieu of conventional vehicle loop detectors. Examples include: Miramar Boulevard and Hiatus Road; Miramar Boulevard and 10700 Block; and, Miramar Boulevard and Palm Avenue. We are familiar with Broward County Video Detection Details and have participated in school zone flasher improvements, where existing pedestal flashers have been converted to solar panel flashers on mast arms.

Design Survey and Right-of-Way Mapping (8.1, 8.2, 8.4)

Design Surveys are generally prepared as part of an engineering project and incorporate elements from several types of surveys. Our team is staffed with professional surveyors with vast working experience under miscellaneous services contracts with FDOT District 4, Broward County, Miami-Dade County, Monroe County, and municipalities in Broward and Palm Beach Counties.



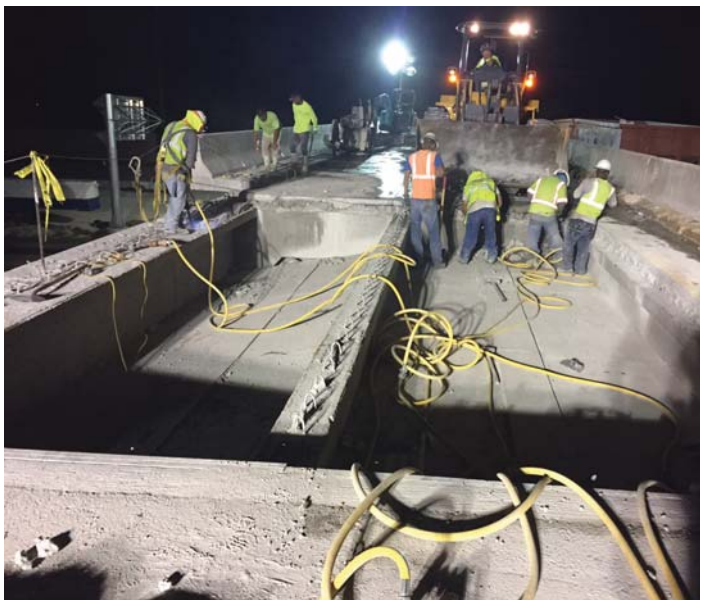
Geotechnical Services (9.1, 9.2, 9.3, 9.4.1, 9.5)

Team member RADISE offers advanced knowledge in providing geotechnical engineering services. These include field exploration, drilling, laboratory-materials testing, and construction support for a wide variety of commercial, transportation, water resources, industrial, high-rise, retail, and institutional projects. RADISE's engineering services include: slope stability and erosion design and evaluations; retaining structures design and evaluations (sheet pile walls, MSE walls, gravity walls); shallow and deep foundation design and evaluations; bridge hydraulics and scour evaluations; foundation design and evaluations; settlement design and evaluations; pavement design and evaluation; site suitability studies; and, storm water design assistance.



Construction Engineering Inspection (CEI) Services and Minor Bridge Structures CEI (10.1, 10.3, 10.4)

We will support the County during project construction with the management method selected by the County. The appropriate method will vary with the type, complexity, duration and construction contract type. We provide complete construction program management, CEI, construction administration/inspection for our clients. Our Team has the resources and the operational capabilities to handle multiple, major CEI contracts concurrently. Our staff has a proven record of effective leadership and experience required to allow the Contractor to complete a project with the expected quality, on time and on budget. Our professionals are supported by an unmatched Technical Advisory Team which includes two former FDOT D6 District Construction Engineers, a former FDOT D4 Operations Engineer, and several former FDOT Construction Managers and Engineers.



Landscape Architecture (15.0)

Our Team's Landscape Architects have a record of responsiveness to our client's needs to maximize their assets. We comprehensively plan and design environments that create an enjoyable place, and can be built within a defined budget and schedule adding lasting value over time. We provide technical expertise for a community's recreational needs whether they be passive green space



or active resource-based parks, including sports facilities, greenways and trails, or waterfront parks.

Drainage/Permitting

Our Team has worked on projects ranging from alleviating minor pavement ponding to full reconstruction of drainage systems. We are familiar with South Florida soils and can propose a drainage solution that includes recontouring ditches, adding storage to retention areas, increasing capacity to the pipe network, installing French Drains, and pollution control structures providing an outfall to a water body or connecting to an existing drainage system. Our designs incorporate Best Management Practices to reduce erosion and provide water quality treatment. We have prepared stormwater management calculations based on the South Florida Water Management District methodology and obtained permits with the Broward County Environmental Engineering and Permitting Division. We have the drainage tools to model drainage basins, including the ICPR package and several custom-made spreadsheets to calculate French Drains, water quality treatment, storm drain hydraulics and pavement spread.



Public Involvement

The Corradino Public Outreach Team is as diverse as the communities we serve. We are rich in professional acumen with deep community roots. We understand Broward County's diverse/multi-cultural population. Our recent public outreach efforts include:

- Broward County Convention Center, Ft. Lauderdale, FL: expansion Master Plan Study
- School Board of Broward County, Ft. Lauderdale, FL: $800m Bond Program
- Ft. Lauderdale Airport, Ft. Lauderdale, FL: new runway & Terminal 4 Expansion
- Broward Health/North, Deerfield Beach, FL: Capital Improvement Program
- Broward Health/Coral Springs, FL: Expansion Program



In-House Suppport

The CORRADINO Team will provide personnel for in-house services on an as-needed basis. The staff provided will have the experience to accomplish assigned tasks and will be flly dedicated to this contract and their assigned position. We are committed to providing Broward County with the best qualified staff for the assignment. We will dedicate our experienced staff that require no learning curve and are most suited for the given assignments.

MANAGING PROJECT WORK ORDERS, CHALLENGES AND ISSUE RESOLUTION

Broward County's Continuing Engineering Services Contract may involve issuing multiple-task work orders at the same time. Our Team will manage the schedule and budgets for each work order and have staff that can be assigned simultaneously. These design projects may include surveying, data collection, design, permitting, bidding and CEI services, while others may only require limited tasks. The depth that our Team can provide will ensure there are no gaps in needed services on any work order.

Our management approach is to prepare for and address the design challenges to ensure that the budgets are complete, based on the available information at the time of scoping. We will conduct a field visit, review of available right-of-way as-built drawings and existing utilities early in the process to allow for a comprehensive construction scope and fee proposal. This allows for transparency regarding any potential design concerns and discussions about alternative concepts.

Our Project Manager, Eric Czerniejewski, PE, ENV SP, is familiar with managing similar Continuing Services Contracts and has experience working on them for Broward County. He served formerly as Transportation Manager for the City of Fort Lauderdale Transportation and Mobility Department. This is helpful in ensuring that the appropriate project requirements, task work order scope issues, schedules, and all other pertinent documents are properly provided.

Total Quality Assurance/Quality Control are maintained during all aspects of our projects. Our project approach, outstanding team members, Florida experience, design, construction and value engineering expertise on numerous Florida projects, will be the most cost-effective and provide the most experienced team for Broward County based on the following:

- We offer streamlined operations to implement projects efficiently.
- We are experienced in meeting schedules for fast-track projects.
- Our understanding of the local regulatory will ensure timely releases and certifications for construction.
- We maintain continuity of project staff throughout the duration of each project.
- We offer a public communication program throughout each project, including during construction.
- We are readily accessible to serve the County at a moment's notice.
- We get the job done right "the first time"!





Section 2: Project Approach

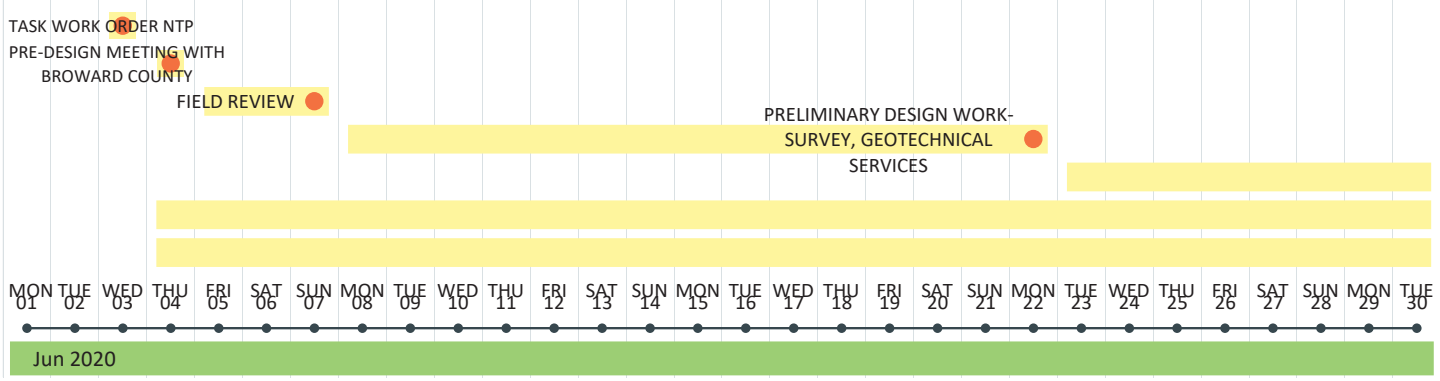
Approach to Project Schedule

The project schedule is one of the most important tools in the Project Manager's tool box, and, when correctly managed, results in a successful project that is on time and within budget. The key is to ensure the overall sequence of events has a logical progression, from beginning to end:

- Milestones are clearly laid out
- Critical path items control the schedule
- Review time provided is realistic and works with the critical path
- Ample float time is provided as a safety valve in the event unforeseen issues arise later on in the project. This ensures that the overall project schedule agreed upon by the Broward County PM and the Corradino Team is achievable.
- Critical monitoring tactics, including:
  - Project kick-off meeting
  - Project stage kick-off meeting
  - Weekly project team coordination meetings with schedule updates and action-items
  - Weekly coordination meetings with City staff and project manager to monitor project progress

Our Team is well-versed in both Microsoft Project and Primavera. Microsoft Project is sufficiently detailed to manage all project activities in this contract. To keep the schedule to a minimum, many activities will be done concurrently, providing overall savings.

Typical Traffic Signal Intersection Improvement Design Project Timeline



ACTIVITY	START	END
Task Work Order NTP	6/3/2020	
Pre-Design Meeting with Broward County	6/4/2020	6/4/2020
Field Review	6/5/2020	6/7/2020
Preliminary Design Work- Survey, Geotechnical Services	6/8/2020	6/22/2020
Prepare 60% Design Plans, Specs Package, QA/QC Peer Review	6/23/2020	8/23/2020
Submit 60% Design Plans and Specs Package	8/24/2020	8/24/2020
BC Review of 60% Design Plans and Specs Package	8/25/2020	9/8/2020
Address 60% BC Comments and Prepare Milling and Paving Recommendation Report, QA/QC Peer Review	9/9/2020	9/23/2020
Submit 90% Design Plans and Milling and Paving Recommendation Report	9/24/2020	9/24/2020
BC Review of 90% Design Plans and Milling and Paving Recommendation Report	9/25/2020	10/9/2020
Address 90% Comments, QA/QC Peer Review	10/10/2020	10/24/2020
Submit 100% Design	10/25/2020	10/25/2020
BC Review of 100% Design Plans	10/26/2020	10/28/2020
Local Agency Permitting, Constructability Review	8/24/2020	11/27/2020
Construction Plan Record Set	11/28/2020	11/29/2020
Progress Meetings	6/4/2020	11/29/2020
Utility Coordination and SUE Services	6/4/2020	11/29/2020
Post Design Services - Pre-Construction Video, Shop Drawings, Maintenance of Traffic, etc.	11/30/2020	

Control of Project Budget

Control of design and construction budgets will be monitored separately. Design Budgets require well-defined scopes and resource allocation, time management, and tracking the Team's work to ensure that activities are well within the scope.

Design Budget Control: As part of this process we will: Prepare accurate staff-hour estimates for each assignment; Communicate the Plan among Team Members; Monitor progress on a weekly basis; Conduct monthly Project Financial Reviews; Provide detailed backup information supporting both budgets per task and subconsultant invoices; Monitor subconsultant invoices to verify their overall budget utilization; Submit Detailed Monthly Progress Reports; and, Resolve identified issues promptly.

Construction Budget Control: For construction budgets, we will perform constructability reviews to provide updated cost estimates before each submittal or when there is a scope change. Avoiding scope creep is the most effective way to ensure that the construction budget remains within the initial estimate. Our team will: Review Initial Cost Estimate against scope early in the project to identify any items or quantities that may affect construction funding; perform independent construction cost estimate assessments to account for industry fluctuations; conduct rigorous QA/QC reviews of quantities and bid items to verify that all design items are accounted for.

Quality Assurance and Quality Control (QA/QC)

We have a five-step QC process for all deliverables. It is dynamic, as we continually look for methods to improve quality. A constructability peer review by an independent construction engineering and inspection team is an example of a process recently implemented under our QC procedure. Plus, all submittals will be subjected to a "final plans review" by our quality control team leader, Mark Croft, PE, utilizing the knowledge and insight he has gained from performing reviews on similar contracts.



Our approach also includes meeting with County staff on a regular basis to evaluate the performance of our staff. This allows us to identify issues early and take appropriate corrective measures, as needed. We're not perfect!

A detailed explanation of our five-step process is as follows:

Step	Description	Owner
1. Ready for review	A work product is considered "production complete."	Originator/Lead Technical Professional
2. Review	An independent review of all work products is performed for accuracy, completeness, and conformance to the applicable design standards and requirements.	Independent Reviewer
3. Resolve comments	Lead technical professional and independent reviewer work together to resolve each comment: 1) accepted; 2) addressed in a future submittal; or, 3) rejected.	Lead Technical Professional
4. Changes made	Changes made to address comments are incorporated into the design, resulting in an updated "clean copy" of the work product.	Originator/Lead Technical Professional
5.Verify changes made	Review of the "clean copy" determines that the changes made to the work product are "verified".	Independent Reviewer
5a. QA certified	Independent verification is conducted to assure the QC process is complete, which results in the work product obtaining QA certification.	Project Quality Manger

Regular Team Meetings

Our Team will coordinate with Broward County's engineering staff. Throughout the design process, meeting notes and telephone conversations will be distributed to all project personnel. Our in-house Team will meet bi-weekly, consistent with our QA/QC program which emphasizes that quality is a continuous process of improvement.

APPROACH AND UNDERSTANDING OF ENGINEERING SERVICES AND RESPONSIBILITIES UNDER A CONTINUING ENGINEERING SERVICES CONTRACT

Our Team is presented in detail in the organizational chart provided in this proposal. These women and men have the experience and technical expertise to provide all services required for this Contract. These include:

- Traffic signalization intersection improvements for new mast arm supported traffic signals
- Traffic signalization intersection improvements for traffic signal conversions from span-wire to mast arms
- Advanced traffic management systems improvements, including adaptive signal control
- Traffic signal engineering and communications system technology improvements including installation of fiber optic and cellular equipment and infrastructure
- Intelligent transportation systems improvements
- Intelligent transportation system software development
- Vehicle detection camera systems improvements
- Video detection predictive maintenance implementation
- Transportation-related future technology adaptation systems
- Greenway and sidewalk improvements
- Overhead school zone flasher conversions to mast arms, including solar power conversions and relocation of school zone infrastructure to match modified school zone limits
- Conversion of non-flashing school signs to signs with flashing beacons, including solar power installation and relocation of school zone infrastructure to match modified school zone limits
- Pedestrian/bicycle/transit connector linkages
- Traffic signal pedestrian displays
- Roadway alternative engineering and analysis
- Roadway improvements, including widening, pavement, pedestrian facilities, bicycle facilities, drainage, water and sewer, lighting, etc.
- Climate change resiliency drainage improvements including elevation adjustments, sea walls, storm pumping systems, green retention areas, tidal control
- Miscellaneous civil engineering, design and related services, including the necessary incidentals, associated activities, and services required by a Work Authorization
- Broward County In-House Consultant Support

PROJECT APPROACH - ALTERNATIVE ANALYSIS AND DESIGN FOR AN INTERSECTION IMPROVEMENT PROJECT (MAST-ARMS)

An intersection project for either new mast-arms, or one that includes converting from strain poles to mast-arms, will include placement of new traffic signal foundations at a number of the intersection approaches.

Our Project Manager, Eric Czerniejewski, PE, ENV SP, has experience in leading the design-build mast arm conversion at dozens of signalized intersections. The lessons learned from their design, which included numerous intersections with right-of-way constraints, overhead and underground utilities, complex signal operations and heavy congestion throughout the day, is a differentiator for our Team in expediting our design services.

Right-of-Way and Utility Research, SUE Services

This design process will include evaluating existing right-of-way and easements to determine in which intersection quadrants to make improvements where there is sufficient property. Research will also be necessary to confirm the location of existing utilities at each intersection quadrant to properly place the proposed mast arm signal pole foundations. This research will be performed in accordance with the Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data (ASCE 38-02, SUE Quality Level D) based on creating an 811 design ticket. Team member KEITH & Associates will use Ground Penetrating Radar (GPR) to confirm existing utility locations to minimize impacts.

Utility field meetings will be held with stakeholders. Additional subsurface utility exploration (SUE) will be completed by performing soft-dig test holes once the existing utility lines have been determined and preliminary mast arm foundation locations have been set. The soft-dig test holes will confirm whether any utilities are in conflict with the proposed design. Every effort will be made to design around existing utilities and avoid their relocation. We will work with Broward County to prepare utility relocation agreements, if utility relocations are determined to be necessary at an intersection. "No conflict" letters will be prepared as appropriate.

Surveying Services

Team member Stoner and Associates (SA) will collect topographic survey data to address the proposed intersection and roadway modifications related to the proposed traffic signal mast arm installation or conversion. The approach will be focused on minimizing impacts to all road users while ensuring the accuracy of the data collected. SA will utilize emerging technology to collect all relevant data and to minimize disruptions to traffic.



Geotechnical Investigation

Team member RADISE will provide geotechnical services to perform one Standard Penetration Test (SPT) boring to a depth of 25 to 30 feet in the area of the proposed traffic signal foundations in accordance with ASTM D-1586 specifications. RADISE will prepare an engineering report including findings and general site preparation and foundation design recommendations. The report will include detailed graphical logs of the soil borings showing the groundwater level and soil classification. Field and laboratory data will be analyzed to determine the feasibility of using drilled shafts and standard mast-arm assemblies in accordance with FDOT Standard Indices 17743 and 17745. All mast-arm foundations will be designed to meet the FDOT 170 mph criterion.

Miscellaneous Structures, Structural Design of Foundations

Geotechnical information will be reviewed to determine the appropriate design recommendation for the size of the foundation (diameter and depth), and reinforcement to include ties diameter and length, and the number of anchor bolts. If a special mast arm design is necessary due to soil conditions, Team member ASA Consultants, Inc., will provide the structural engineering design calculations.

Drainage Design

Our Team will minimize any impacts to existing drainage structures and the drainage conveyance system. Research of the existing permits and existing drainage infrastructure will be completed to determine modifications which may be necessary. Coordination will be completed with SFWMD, and any related local drainage district, as appropriate.

Traffic Signal Design

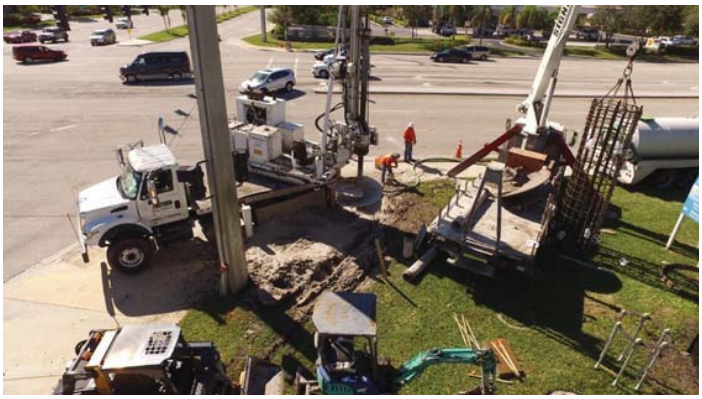
We will evaluate a number of key design elements when preparing plans for new mast arms or conversion from strain poles to mast arms. One of the most important is review of overhead utility lines. Early coordination through the utility field meetings will establish a timeline for either relocation or de-energizing, as necessary, to install the proposed mast arm assemblies. Depending on right-of-way constraints, placement of the mast arm foundations may be limited. In addition to the previously mentioned utility concerns, there are a number of other key signal design items to be defined early, including:

- Location of the controller and power supply (for existing strain pole signalized intersections).

Section 2: Project Approach

- Condition of the existing pavement markings and signage
- ADA conditions of existing sidewalk and ramps
- Pedestrian infrastructure, including crosswalks, sidewalks, depressed ramps at intersection quadrants
- Bicycle infrastructure
- Sight restrictions due to horizontal and vertical alignment at each of the intersection approaches
- Drainage infrastructure, including inlets at the intersection quadrants, adjacent canals or other waterbodies
- Traffic operations deficiencies (e.g., lane configuration, turn lane designations, signing and marking issues)
- Location of existing traffic signal infrastructure including the placement, type and/or size of detectors and pull box locations
- Presence of existing landscaping that may affect signal design or visibility
- Proximity to rail crossings, fire stations and other key facilities
- Proximity to schools where existing safe routes to schools are located

The design process for the Copans Road/NW 3rd Avenue intersection mast arm conversion design-build project considered a full range of issues, including limited right-of-way. A number of concepts were prepared with an ultimate design with two pedestals installed within a cutout of the existing retaining wall. There were multiple rounds of structural design calculations for each alternative that were reviewed and vetted by Broward County. This effort included review of potential right-of-entry agreement for additional field investigation and research on private properties to determine the feasibility of cutting into the existing wall to install two pedestals at minimum distance apart.



The approach to a task work order for a new mast arm, or conversion of an existing strain-pole intersection will consider all of the lessons learned on that project and design and construction at the 35 intersections as part of the design-build project. Some of the best practices developed as part of that work include:

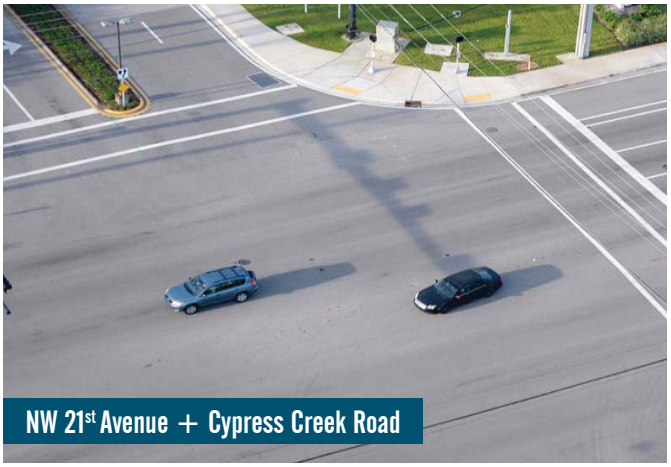


- Establishing a CBE Compliance report and updating it throughout the duration of all task work orders
- Establishing a utility coordination log during design and post-design construction to include details of utility organization meetings, utility relocations and related schedules
- Establishing a permit tracking log during design to include details of all required permits and action items related to modifications of existing permits
- Coordinating with adjacent construction projects to include confirmation of any overlap in the milling and resurfacing limits
- Reviewing the condition of existing drainage inlets
- Determining the need to extend project limits to remove and replace broken concrete on existing drainage structures.
- Submitting PIO flyers to include First Responders
- Reviewing local agency requests to include special painting of mast arms and requests for alternative technology, including GPS pre-emption devices.
- Establishing a shop drawing submittal log during post-design services to review circuit breaker requirements, video detection cabling, concrete QC plan, pavement recommendation letter, milling and repaving report, etc.
- Establishing a Daily Work Schedule for surveying and soft digs to be completed
- Ensuring inlets are protected prior to milling and resurfacing
- Placing street/regulatory signs within sidewalks ensuring proper clearances where there are right-of-way constraints with adjacent private property
- Establishing a RFI log during construction to include key design issues. The following are some of the key issues encountered on the 35 mast arm conversions:
  - Submitting material delivery tickets and signed-and-sealed field density reports for earthwork, categorized by intersection.
  - Obtaining material certifications for thermoplastic pavement markings and reflective pavement markers, categorized by intersection

- Obtaining material certifications for galvanized anchor bolts and aluminum tubes for pedestrian signals, categorized by intersection
- Using ground-mounted and overhead signs for obtaining material certifications for reflective sheeting material, hardware, and posts, categorized by intersection

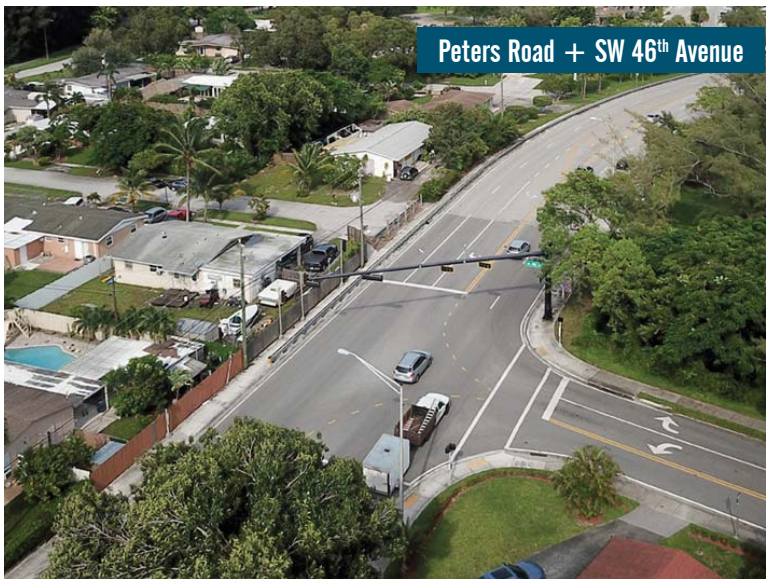
With all of these "lessons learned", and initiating best practices, our Team will complete the signalization design project efficiently and accurately. In doing so, we will work in close coordination with local agencies. For instance, certain municipalities require longer review periods for submittals, such as the City of Sunrise. We will reach out early in the design process to coordinate the local issues/requests to establish needed agreements.

It is also important to monitor the contractor's construction schedule to determine if modifications are needed to affect the overall critical path. This is important because the contractor's schedule is used by Broward County to define any claims. Our experience managing the recently-completed design-build mast arm conversion projects is invaluable in this regard.


NW 21st Avenue + Cypress Creek Road


Copans Road + NW 3rd Avenue


Broward Boulevard + Flamingo Road


Peters Road + SW 46th Avenue


Copans Road + NW 3rd Avenue

APPROACH TO FIBEROPTIC NETWORK EXPANSION

Broward County ATMS

The existing communications infrastructure at Broward County's Traffic Engineering Division is comprised of three types of media; copper interconnect cable, fiber optic interconnect cable and cellular (wireless). Over the past decade, Broward has upgraded and deployed an extensive fiber optic communication network to interconnect hundreds of Ethernet Layer 2 switches that support real-time communication between Transportation Management Centers (TMC), traffic signal controllers and ITS devices. We will support Broward County in the maintenance and expansion of fiber optic communication infrastructure.

Network Architecture

We understand that the Broward County Traffic Engineering Division has implemented a two-tiered, meshed Ethernet network to support Broward County ATMS. The network consists of the core Layer 3 switch at Broward County TMC, interconnecting with hundreds of Layer 2 Ethernet switches deployed in the field.

We will assist Broward County in evaluating and developing a multi-tiered network architecture that will be reliable, scalable and fault-tolerant. The potential improvement is to implement a three-tiered communication network that consists of core, distribution and access layers. The Backbone Network will be based on a 10 Gigabit (Gb) Ethernet network between the distribution layer and core layer, i.e., the Broward County TMC and field-distribution switches.

The distribution layer includes routing methods, network virtualization and segmentation, Virtual Local Area Network (VLAN) routing, network securities/access control policies, and routing protocols to the access layer. The project distribution switch will provide boundary definition and is the place at which packet manipulation can take place.

The Layer 2 Managed Field Hardened Ethernet Switch (MFES) provides the access layer for the ITS and/or traffic signal field devices. The access layer network will be based on Gigabit Ethernet. We will assist the County in developing, designing and deploying multiple VLANs to segment ITS field devices into logical workgroups. We will implement the Rapid Spanning Tree Protocol (RSTP) for the switches at the distribution and access layer networks. The RSTP that is supported in the Ethernet switches will prevent infinite looping situations. RSTP defines a tree that spans all switches in a LAN link by forcing certain redundant paths in the network into a blocked state. If a link that previously forwarded traffic becomes unavailable, RSTP dynamically reconfigures the network to redirect traffic flow by activating the standby link.

Network Security

Our Team will assist the County in evaluating the deployment of high-performance network firewalls for the field ITS networks. The firewalls will act as an intermediary between the TMC and the project distribution switches. The network firewalls, along with distribution switches, will serve as the demarcation point between the access and core layers and help define and differentiate the core. The firewalls will supplement the distribution layers with additional Intrusion Prevention System (IPS) and Network Address Translation (NAT) services. The firewalls will protect the network segments from unauthorized access while also enforcing security policies. The firewall will also protect Broward County's existing network from unauthorized access and intrusions. The network firewalls will allow for multicast video streaming and routing.

Field Cabinet Security

Cybersecurity is the first line of defense for interconnected data networks. The Broward County traffic signal and ITS network is vast and complex with hundreds of unmanned and somewhat vulnerable access points. Based on a unique design of electromechanical lock cylinders and programmable keys, CyberLock is a key-centric access control system that can be managed through the web-based software in the TMC. Customized audit reports and periodic notifications of suspicious activities can be automatically generated via email. Cyberlock will increase network and physical security to the critical ITS infrastructure. Our team has hands-on installation and maintenance experience with hundreds of CyberLocks through the current maintenance contract with FDOT D4. We are prepared to install and maintain the Cyberlock system for the existing Broward County Traffic and ITS cabinets.

APPROACH AND UNDERSTANDING WITH CEI SERVICES

Broward County needs the services of a seasoned and well-versed CEI Team that will provide sound oversight, offer all-encompassing recommendations and make appropriate decisions on behalf of the County, while keeping the project moving forward with minimal impact to the community at-large. We use a Project Management Plan (PMP) that is proven to deliver! The PMP includes regular communication and coordination with critical team members; such as the Contractor, Broward County and PIO Staff. The PMP is tailored specifically to each project and includes: 1) identifying technical requirements; 2) addressing various needs, concerns, and expectations of team members and stakeholders in planning and executing the construction of project; 3) setting up, maintaining, and executing communications among team members; 4) managing team members to meet project requirements and producing project deliverables (reports, dailies, recommendations, engineering analyses, etc.); and, 5) balancing competing project constraints, such as Scope, Quality, Schedule, Budget, Resources and Risk. Our PMP is also designed to be flexible, allowing us to address project circumstances influencing the aforementioned constraints. The bottom line is that with this plan we have the ability to assess specific situations, balance project needs and maintain communication with team members to deliver a successful project.

Our primary tool to help the Broward County PM to track the Contractor's performance during construction will be our in-house Contract Performance Evaluation system. We use Prolog and Primavera to aid in progress and performance tracking.We will establish project-specific processes and procedures, comparable to those developed and proven successful in managing the I-95 Mobility 2000 projects in Palm Beach County and I-595 Expressway Corridor project in Broward County. Monthly reports will be generated to ensure material test results are entered into the system and updated by the Lead Contractor's Q/C Manager and CEI staff. Our internal audit system hosts meetings with all Project PA's to audit the Contractor's sampling report and discuss any open or missing items. Monthly reports published through Prolog will be available for internal stakeholders. Use of Prolog has proven exceptionally effective at tracking RFIs, shop drawings, and other critical submittals.

During construction, the importance of providing timely responses to RFIs to avoid costly delays cannot be overstressed. Therefore, we will track all RFIs generated by the Contractor, immediately contacting and working with the Engineer of Record (EOR) for timely resolution of the issue(s). Established processes will be used to track required submittals and documentation, providing rapid solutions to construction issues with EOR involvement. We understand the best way to keep a project on track is to work through issues with a partnering approach to ensure solutions are implemented expeditiously, and to perform continuous analyses of the Contractor's CPM baseline schedule and monthly updates.

Contract Management

Management of time, cost and quality will be addressed in our project-specific PMP. It will include the following activities that have the potential to impact time and budget.

►Meet Utility Work Schedules

If all the utility companies do not complete their relocation by the required date, the County will be exposed to delay claims. Our plan to ensure the work keeps flowing and that the project moves forward is: 1) we will be fully available to begin construction; 2) we will begin coordinating with utility agencies immediately upon NTP; and, 3) we will review the construction phasing in detail and coordinate with the contractor to work in those areas available for construction.

►Cost Saving Initiatives (CSI)

We will meet early with the contractor and encourage pursuing CSI opportunities. Oftentimes, these include estimates such as replacing bridges with culverts, and changing concrete pile walls with sheet piles. Items, like these, could save the project several work days each.

►Drainage Conflict Structures

We will review with the contractor all potential drainage conflict locations early so that modifications can be designed and implemented without impacts to the schedule.

Our PMP will also include the following management approaches to accomplishing our Quality Goals:

► Planning and Executing Construction of Each Project

Our Team takes pride in our management philosophy: "manage each project like it is our money being spent". We aggressively tackle concerns by holding pre-activity meetings for major work items, like pile foundations, signals, structures, asphalt, and MOT shifts. We keep our client protected from claims and help the Contractor stay on track by performing detailed reviews of project schedules. We document material testing and oversight of construction activities, while paying close attention to public involvement and maintain records of weekly progress meetings with the Contractor.

► Managing Materials, Documents and Field Operations

The PMP incorporates the use of ProjectSolve, SiteManager, Materials Acceptance and Certification system (MAC), and Primavera P6. This includes Profile and its functions to track asphalt lots, time, cost, inspections, etc.

1. **Material Management:** MAC monthly reports will be generated to ensure material test results are entered and updated by the Lead Contractor's Q/C Manager, CEI and Lab staff. Open samples will be discussed at weekly progress meetings. Material Certification will be achieved within 10 days of Final Acceptance.

2. **Document Tracking:** ProjectSolve will be used to track RFIs, shop drawings, permit comments, and other critical submittals. Outstanding items will be discussed at weekly progress meetings. It is critical to provide timely responses to the Contractor's inquiries to avoid costly delays. We will ensure documents are properly scanned and uploaded into the EDMS system and will submit the Final Estimates Package within 30 days of final acceptance.

3. **Field Operations Management:** Our PMP divides project responsibilities among three units: Road, Bridge and Environmental Compliance. Our Senior Project Engineer **Victor Ortiz, PE**, will be tasked with holding Pre-Utility Relocation Meetings and weekly follow-ups. He will also provide technical oversight of traffic control, utilities, drainage, permits, earthwork, safety and survey work. He will document and report daily activities, confirm schedule milestones, and provide guidance to the Contractor to assure QC of materials and workmanship. Our Project Administrators (PAs) will work closely with Victor to review all structure submittals for foundations, substructures, and superstructures and coordinate with the monitoring of utility relocations.

4. **Keeping the Project on Track:** The risk for completing the original scope within the original contract time and bid price, and meeting quality standards, rests with the Contractor. We will work closely with the Contractor to resolve issues and will perform pre-activity meetings addressing all contract requirements, work plans, and confirm material testing requirements. The Contractor's Past Performance Rating (CPPR) system will be used to manage the Contractor's performance during construction. The CPPR escalation process will be implemented from verbal warning, deficiency warning and then deficiency letter to ensure that defective work and non-conformance issues are expeditiously resolved. The CPM schedule is a valuable tool to manage the project, plan, coordinate with stakeholders and dispose of potential claims. Our Team will work with the Contractor to develop a baseline schedule to identify schedule pitfalls and to forecast potential delays. When resources are not being properly utilized, we will advise the Contractor to maximize efficiency. When extra work or changed conditions are encountered, we will review them, comparing alternate solutions with impacts on time, cost, quality and associated risks.

5. **Detailed Quality Assurance Program: Mark Croft, PE** will be the QA/QC Manager. Mark has over 30 years of construction experience managing multibillion-dollar programs during his tenure at FDOT D6. And, since with Corradino, Our QA program will be tailored to the project elements included on this contract. It will include reviews of staff qualifications, equipment conditions and contract document review. We will perform independent bi-annual audits of the entire project team as part of a continuous improvement program. Audit reports will be issued to Mark Croft, PE with copies to the Principal-In-Charge, **Mike Ciscar, PE** and the Broward County PM. Mark Croft, PE will evaluate the report findings, determine the cause of any deficiencies and implement corrective actions. Our QC Plan will also include verification of contractor MOT reviews; a hurricane response plan coordinated with the County's emergency plans; and, monitoring contractor compliance with noise, dust control and environmental requirements.



Contractor Schedule Review

We will be ready to provide support prior to and during construction. The following key activities will be performed:

- Reviewing activity resources and cost loads.
- Verifying critical-path schedule, floats and construction sequence.
- Assessing activities and durations (including submittals, review times and required utility or permitting activities).
- Verifying activity interrelationships and contract milestones.

Claim Analysis and Review

Our Team is highly capable of performing a full review of all points listed in a claim by a Contractor to produce a recommendation to Broward County for review. We are also prepared to engage in negotiations leading to settlement and mitigation of the claim, and can assist with the preparation of position packages and rebuttals. Our proactive approach will ensure timely resolution and avoidance of open issues at final acceptance of active projects.

Risk Mitigation

A detailed method to address cost overruns, schedule delays, and scope creep is to develop a risk register, which is prepared in tandem with the project scope, and used to focus on key scope items that might present a risk to the scope, schedule or budget.

A matrix is developed showing in rows A-E the likelihood of an event occurring, ranging from an almost certain occurrence to a rare occurrence. The "consequences" columns indicate the severity of consequences if the event occurs with a range from "minor" to "catastrophic".

In the upper right area are extreme events (shown in red) that are highly likely to occur with major or catastrophic consequences. The lower left area indicates low levels of likelihood with lesser consequences.

Developing the register is somewhat subjective, but reasonable assumptions can be made regarding likelihood and consequences based on past experiences. An example is a hurricane, which can be somewhat predictable in terms of frequency of occurrence and based on past experiences can have a major to catastrophic impact.

A risk register is useful in preparing contract document language to address these potential conditions and prepare an Action Plan for each condition. The action plan is used to mitigate excessive costs or time delays for each consequence.

RISK REGISTER

Likelihood			CONSEQUENCES				
			1-Minor	2-Moderate	3-Significant	4-Major	5-Catastrophic
	A-	Almost certain to occur in most circumstances	High (H)	High (H)	Extreme (E)	Extreme (E)	Extreme (E)
	B-	Likely to occur frequently	Medium (M)	High (H)	High (H)	Extreme (E)	Extreme (E)
	C-	Possible and likely to occur at some point	Low (L)	Medium (M)	High (H)	Extreme (E)	Extreme (E)
	D-	Unlikely to occur but could happen	Low (L)	Low (L)	Medium (M)	High (H)	Extreme (E)
	E-	May occur but only in rare and exceptional circumstances	Low (L)	Low (L)	Medium (M)	High (H)	High (H)



Section 3: Past Performance



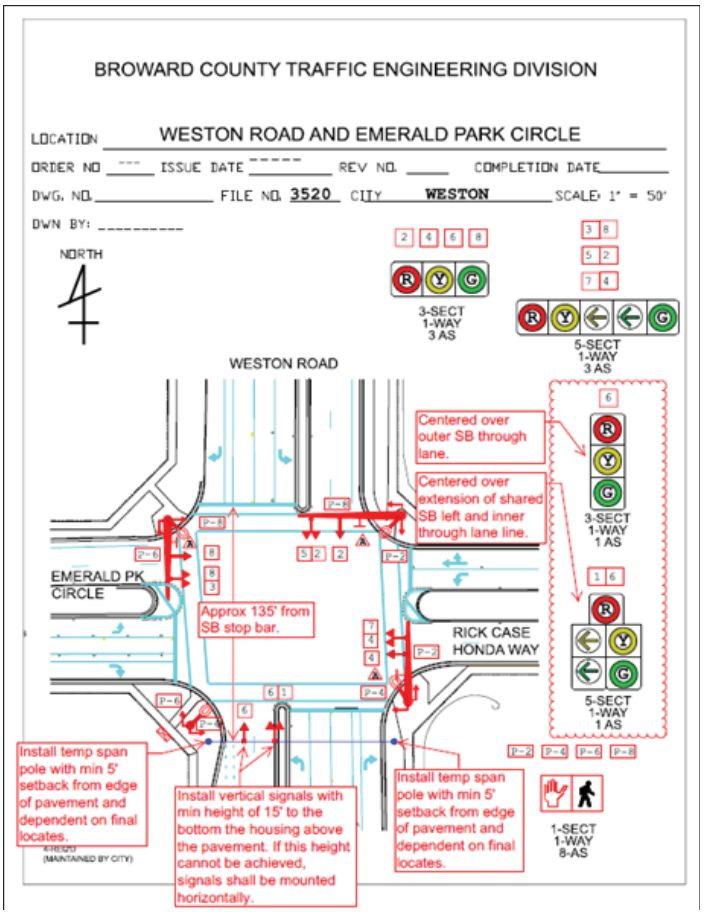
UNDERSTANDING THE SCOPE OF SERVICES

The CORRADINO Team's Project Manager, Eric Czerniejewski, PE ENV SP has over 20 years of experience in South Florida working on transportation infrastructure projects similar in nature to the propose scope of work including in the Continuing Engineering Services for Traffic, Roadway and Civil Projects. With this experience of working on a wide variety of Broward County assignments, the CORRADINO Team is uniquely positioned to capitalize on our recent relevant lessons learned. Therefore, there won't be any painful learning curve with regards to meeting the specific demands of this type of contract. This includes the following projects which Eric has led as Project/Program Manager.

CORRADINO will service as the single point of contact and will provide the managerial services for this contract. Eric will distribute the tasks to our subconsultants based on the requirement of each assignment and needs. Each TWO will need their individual scope of services and fee estimates, monthly progress reports, schedule and updates. The overall contract will be monitored to ensure that each TWO is on schedule, within budget and has the highest level of quality regardless of who is performing the work.

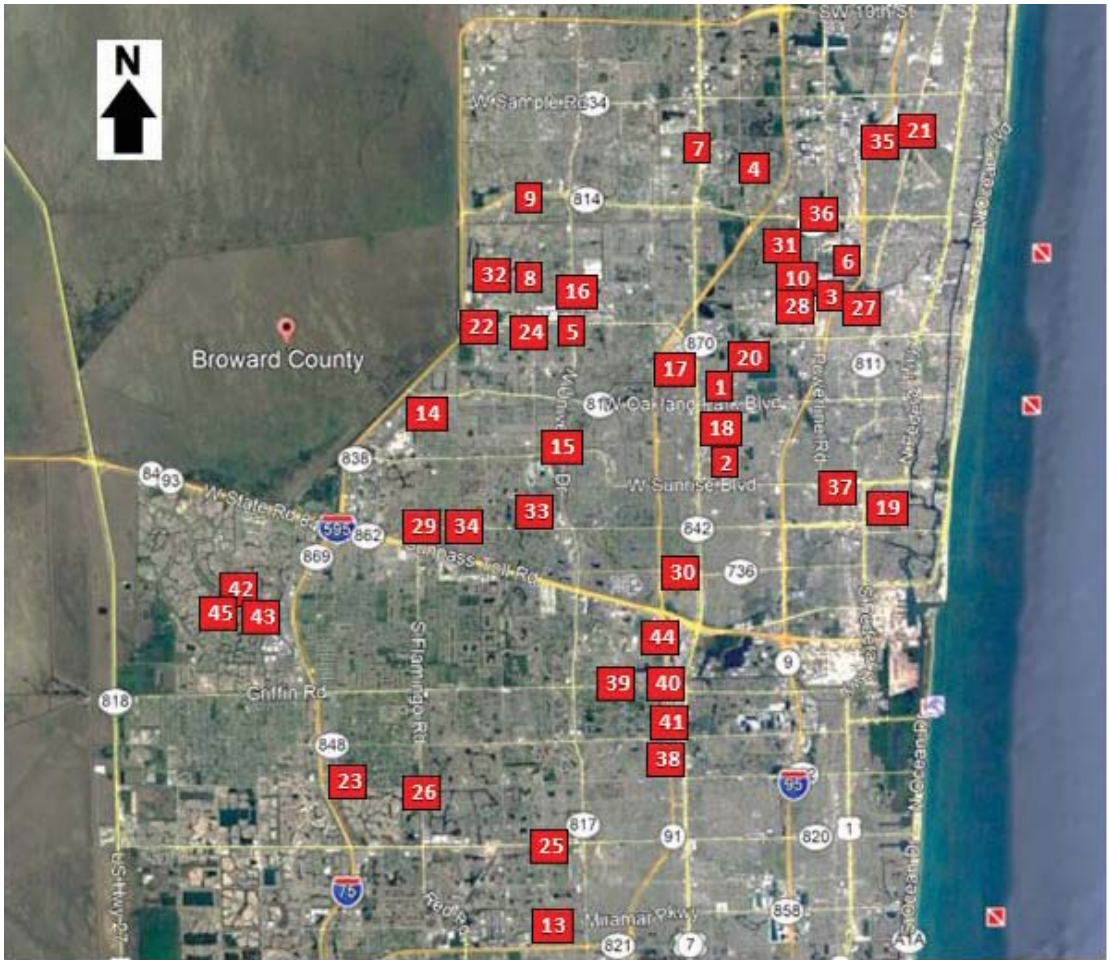
Traffic Signal Design and Operations/ Traffic Signal Communication System Technologies/School Zone Flasher Systems

Eric has warranted, designed and constructed over 50 traffic signals recently in Broward County. These included existing traffic signals that were converted from strain poles to mast arm assemblies plus newly warranted traffic signals. In addition, Eric has been involved with numerous traffic signal modifications that were required due to roadway improvement projects. A list of the recent Broward County intersections is provided on the following page and are depicted in the below image.



TEMPORARY EMERGENCY TRAFFIC SIGNAL DESIGN REPAIR/INSTALLATION

PM INTERSECTION TRAFFIC SIGNAL DESIGN EXPERIENCE



1. NW 31st Avenue and NW 39th Street
2. NW 19th Avenue and NW 28th Avenue
3. Cypress Creek Road and Andrews Avenue
4. Coconut Creek Parkway and NW 39th Avenue
5. Commercial Boulevard and NW 79th Avenue
6. Andrews Avenue and McNab Road
7. Copans Road and Banks Road
8. Pine Island Road and McNab Road
9. Coral Springs Drive and Atlantic Boulevard
10. Cypress Creek Road and NW 6th Way
11. Atlantic Boulevard and Riverside Drive
12. Andrews Avenue and Andrews Way
13. Miramar Parkway and Douglas Road
14. Flamingo Road and NW 136th Avenue
15. Sunrise Boulevard and Lauderdale W Drive
16. McNab Road and NW 80 Avenue
17. NW 31st Avenue NW 41st Street
18. Pine Island Road and NW 44th Street
19. Broward Boulevard and SE 8th Avenue
20. Rock Island Road and NW 44th Street
21. Copans Road and NE 3rd Avenue
22. Commercial Boulevard and Hiatus Road
23. Sheridan Street and NW 146th Avenue
24. Commercial Boulevard and Nob Hill Road
25. Douglas Road and Pembroke Road
26. Sheridan Street and NW 136th Avenue
27. Cypress Creek Road and NE 7th Avenue
28. Cypress Creek Road and NW 10th Terrace
29. Flamingo Road and Broward Boulevard
30. Peters Road and SW 46th Avenue
31. Cypress Creek Road and NW 21st Avenue
32. Nob Hill Road and NW 71st Place
33. Broward Boulevard and Hiatus Road
34. Broward Boulevard and Nob Hill Road
35. Copans Road and NW 3rd Avenue
36. MLK Boulevard and NW 27th Avenue
37. Sunrise Boulevard and School Zone Flasher
38. Davie Road and SW 39th Street
39. Nova Drive and College Avenue
40. Davie Road and Nova Drive
41. Davie Road School Zone Flasher
42. Bonaventure Boulevard and Royal Palm Boulevard
43. Windmill Ranch Road and Royal Palm Boulevard (Emergency Repair)
44. Davie Road and Reese Road
45. Weston Road and Emerald Estates Drive (Emergency Repair)

Cost Control & Schedule Performance

CORRADINO is committed to producing high quality, cost efficient products within required time frames. The Principal Owners of the firm continually monitor the design and construction schedules and costs of each project. Also, we are extremely familiar with the construction contractors in Florida and are aware of bidding conditions that can affect the construction cost of a project.

The following table is a record of recently completed project cost estimates, which shows our competence and dedication to providing clients with accurate project estimating. This is the best physical evidence an engineering firm can present as demonstration of project cost control performance. All of the below projects were completed on-time and within budget.

Project & Description	Engineer's Estimate	Bid Was
FDOT FPID 428725-1; SR 848/Stirling Road from east of University Drive to east of SR-7 Project scope included milling and resurfacing, ATMS integration, signalization and intersection safety improvements at the intersection of SR 7 and Stirling Road, including post design services.	$4,825,799.37	$4,650,000
City of North Miami, Irons Manor Park Project scope included milling and resurfacing, addition of crosswalks, fountain restoration design, permitting, bidding, post design services and construction engineering inspection services.	$320,000. 00	$267,262.64
City of Miami Traffic Circle at SW 14th Avenue and SW 13th Street Project scope included design of traffic circle, roadway reconstruction, addition of curb ramps, signing and pavement markings and post design services.	$309,631.47	$295,896.02
West 31st Street & West 32nd Street/West 11th Avenue & West 9th Avenue (City of Hialeah) Project Scope included roadway reconstruction, stormwater drainage, ADA compliant sidewalks and ramps, curb and gutter, pavement markings and signage, utility coordination, construction permitting, bidding and construction administration, geotechnical, landscape architecture and roadway lighting.	$2,800,027.62	$2,716,834.17
West 76th Street from West 30th Avenue to West 33rd Avenue (City of Hialeah) Project Scope included roadway reconstruction, stormwater drainage, ADA compliant sidewalks and ramps, curb and gutter, pavement markings and signage, utility coordination, construction permitting, bidding and construction administration, geotechnical, landscape architecture, roadway lighting and traffic signalization.	$1,245,044.75	$1,108,024.21
West 24th Avenue from West 52nd Street to West 60th Street (City of Hialeah) Project Scope included roadway reconstruction, stormwater drainage, ADA compliant sidewalks and ramps, curb and gutter, pavement markings and signage, utility coordination, construction permitting, bidding and construction administration, geotechnical, landscape architecture, roadway lighting and traffic signalization.	$1,650,024.22	$1,531,808.10
East 5th Avenue from East 12th Street to East 17th Street (City of Hialeah) Project Scope included roadway reconstruction, stormwater drainage, ADA compliant sidewalks and ramps, curb and gutter, pavement markings and signage, utility coordination, construction permitting, bidding and construction administration, geotechnical, landscape architecture and roadway lighting.	$1,950,425.98	$1,849,853.69

BROWARD COUNTY FLORIDA

Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2119168P1, Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Reference for: The Corradino Group

Organization/Firm Name providing reference:

Florida Department of Transportation

Contact Name: Scott Thurman, P.E. Title: Project Manager Reference date: 08/30/2019

Contact Email: Scott.Thurman@dot.state.fl.us Contact Phone: 954.777.4135

Name of Referenced Project: FPID 428725-1 SR 848 from E of University Drive to E of SR-7/US-441

Contract No.	Date Services Provided:		Project Amount:
C9462	12/22/2011	to 08/01/2019	$ 814,205.60

Vendor's role in Project: ☑ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? ☑ Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

The Team provided roadway design analysis and plans for the following: Roadway, lighting, ITS, Signalization, Signing and Pavement Markings, miscellaneous structures, and utility coordination.

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service				
a. Responsive	☐	☐	☑	☐
b. Accuracy	☐	☐	☑	☐
c. Deliverables	☐	☐	☑	☐
2. Vendor's Organization:				
a. Staff expertise	☐	☐	☑	☐
b. Professionalism	☐	☐	☑	☐
c. Turnover	☐	☐	☑	☐
3. Timeliness of:				
a. Project	☐	☐	☑	☐
b. Deliverables	☐	☐	☑	☐
4. Project completed within budget	☐	☐	☑	☐
5. Cooperation with:				
a. Your Firm	☐	☐	☑	☐
b. Subcontractor(s)/Subconsultant(s)	☐	☐	☑	☐
c. Regulatory Agency(ies)	☐	☐	☑	☐

Additional Comments: (provide on additional sheet if needed)

A large coordination effort was undertaken in working with the Seminole Indian Tribe and obtaining all permits within required schedule.

THIS SECTION FOR COUNTY USE ONLY

Verified via: ____EMAIL ____VERBAL Verified by: _____ Division: _____ Date: _____

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BROWARD COUNTY FLORIDA

Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2119168P1, Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Reference for: The Corradino Group

Organization/Firm Name providing reference:

Tennessee DOT

Contact Name: Steve Bryan Title: CE Manager 1 Reference date: 09/05/2019

Contact Email: steve.bryan@tn.gov Contact Phone: 615-741-2152

Name of Referenced Project: Statewide Traffic Engineering Design On-Call Services

Contract No.	Date Services Provided:			Project Amount:
E2011	05/15/2017	to	05/15/2020	$ 1,000,000.00

Vendor's role in Project: ☑ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

Traffic signal design, intersection control beacons, school zones, traffic signal warrants & timings, traffic signing & markings, capacity analyses, construction cost estimates, etc.

Please rate your experience with the referenced Vendor:	**Needs Improvement**	**Satisfactory**	**Excellent**	**Not Applicable**
1. Vendor's Quality of Service				
a. Responsive	☐	☐	☑	☐
b. Accuracy	☐	☐	☑	☐
c. Deliverables	☐	☐	☑	☐
2. Vendor's Organization:				
a. Staff expertise	☐	☐	☑	☐
b. Professionalism	☐	☐	☑	☐
c. Turnover	☐	☐	☑	☐
3. Timeliness of:				
a. Project	☐	☐	☑	☐
b. Deliverables	☐	☐	☑	☐
4. Project completed within budget	☐	☐	☑	☐
5. Cooperation with:				
a. Your Firm	☐	☐	☑	☐
b. Subcontractor(s)/Subconsultant(s)	☐	☐	☑	☐
c. Regulatory Agency(ies)	☐	☐	☑	☐

Additional Comments: (provide on additional sheet if needed)

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BROWARD COUNTY FLORIDA

Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2119168P1, Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Reference for: The Corradino Group

Organization/Firm Name providing reference:

City of Hialeah Streets Department

Contact Name: Jose Sanchez Title: Director Reference date: 09/10/2019

Contact Email: JOSANCHEZ@hialeahfl.gov Contact Phone: 305.687.2611

Name of Referenced Project: West 24th Avenue from West 52nd St. to West 60th St.

Contract No.	Date Services Provided:		Project Amount:
	08/10/2013	to 05/15/2016	$ 1,531,808.10

Vendor's role in Project: ☑ Prime Vendor ☐ Subconsultant/Subcontractor

Would you use this vendor again? Yes ☐ No If No, please specify in Additional Comments (below).

Description of services provided by Vendor:

Design engineers for roadway reconstruction, stormwater drainage, ADA compliant sidewalks and ramps, curb and gutter, pavement markings and signage, utility coordination, construction permitting, bidding and construction administration, geotechnical, landscape architecture, roadway lighting and traffic signalization.

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service				
a. Responsive	☐	☐	☑	☐
b. Accuracy	☐	☐	☑	☐
c. Deliverables	☐	☐	☑	☐
2. Vendor's Organization:				
a. Staff expertise	☐	☐	☑	☐
b. Professionalism	☐	☐	☑	☐
c. Turnover	☐	☐	☑	☐
3. Timeliness of:				
a. Project	☐	☐	☑	☐
b. Deliverables	☐	☐	☑	☐
4. Project completed within budget	☐	☐	☑	☐
5. Cooperation with:				
a. Your Firm	☐	☐	☑	☐
b. Subcontractor(s)/Subconsultant(s)	☐	☐	☑	☐
c. Regulatory Agency(ies)	☐	☐	☑	☐

Additional Comments: (provide on additional sheet if needed)

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Broward Boulevard + Flamingo Road

Section 4: Workload of Firm

CURRENT WORKLOAD

Most of our projects are 60% complete or greater. **This means a significant portion of our staff will be immediately available to provide the Engineering Design and Construction Services required under this Contract.** Also, we continue to add highly qualified staff to our organization. Our Team as structured, will enable us to handle multiple TWOs concurrently and meet expedited schedules. **Eric Czerniejewski, PE, ENV SP, who will serve as the PM for this contract, is 80% available.** The CORRADINO Team proposed for this contract consists of key personnel who will be committed to the project(s) goals as requested by Broward County.

Approach to Managing These Projects

The CORRADINO Team understands how to successfully execute this type of contract. We understand the issues associated with the types of assignments, whether it be expeditiously developing a scope of services that meets the objectives and commitments of Broward County while staying within the contractual limitations of the contract, to mitigating utility conflicts through active coordination and proactive design. The team has selected a PM who has extensive experience on these types of contracts and has organized a team with built in redundancy to address any type of assignment and many multiple assignments concurrently. Management tools have been created and honed throughout the life of previous General Engineering Design contracts to ensure TWOs are monitored and tracked properly, resources are being properly allocated, and contingency plans are in place to address the unforeseen, whether it be related to schedule or performance, and to ensure that only the highest quality products are being submitted.

Corradino Awarded Contracts through July 31, 2019

Client	Description	Division
FDOT C9M77	Palm Beach Operations General CEI Services	Field CEI - Miami
FDOT C9Z00	Maintenance Personnel Support Services	Field CEI - Miami
FDOT D4	PIO LOA#01	Field CEI - Miami
FDOT BE566	Districtwide Maintenance Personal Support	Field CEI - Miami
FDOT	Continuing Services for Maintenance Personnel Support Services	Field CEI - Miami
FDOT C9Z74	Districtwide Constructability and Claims Review	Field CEI - Miami
FDOT D2	I-75 Planning Study from Wildwood to I-10	PD&E
FDOT	Districtwide Construction Reviews	Highway Design - Miami
Indiana Department of Transportation (INDOT) Greenfield District	On-Call Scoping	Indiana
INDOT Greenfield District	On-Call CEI	Indiana
City of Homestead, FL	General services	Planning - Miami
Tennessee Department of Transportation (TDOT)	On-Call Long Range Transportation Planning (LRTP)	Nashville, TN
City of Franklin, TN	On-Call Traffic Engineering Services	Nashville, TN
TDOT	TDOT On-Call Traffic Engineer Services	Nashville, TN
TDOT	TDOT On-Call Traffic Engineering	Nashville, TN
Richmond Regional Planning District Commission	On-Call Travel Demand - Modeling and Transportation Planning	Transportation Systems
FDOT D4	Districtwide Urban Model Development, including Treasure Coast Regional Planning Model (TCRPM)	Transportation Systems
Kentucky Transportation Cabinet (KYTC)	On-Call Modeling - Develop a Traffic Forecasting Tool (Phase 1)	Transportation Systems
INDOT	On-Call LRTP	Transportation Systems
MDWASD	Design of Upgrades for Water Distribution and Sanitary Sewer Force Mains and Collection Systems (Water and Wastewater Pipelines - Small Diameter)	Water & Environment
CDM	Design Services for Wastewater Treatment Plants related to the Ocean Outfall Legislation Projects	Water & Environment

Section 4: Workload of Firm

Completed and active projects that Corradino has managed within the past five years

Corradino Project Number and Name	Client	Date
CEI SERVICES FOR SR-96W TRAIL	CITY OF FRANKLIN	10/1/2019
TDOT HPMS DATA COLLECTION	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/28/2019
KYTC DOWNTOWN FRANKFORT TRAFFIC STU	KENTUCKY TRANSPORTATION CABINET	8/27/2019
INSTALLATION OF FLAMINGO PEDESTAL	CITY OF HIALEAH	8/22/2019
RICHMOND ADDITIONAL BUDGET	RICHMOND REGIONAL PLANNING DIST COM	8/16/2019
I-70 PAVEMENT REPLACEMENT/ADDED TRA	INDIANA DEPT OF TRANSPORTATION	8/16/2019
FTL-AHF DEVELOPMENT TRAFFIC REVIEW	CITY OF FORT LAUDERDALE	8/15/2019
CA391-TWO#14-FM#436307-1-62-01	CREATIVE ENGINEERING GROUP, INC	8/15/2019
CA391-TWO#15-FM#440075-1-62-01	CREATIVE ENGINEERING GROUP, INC	8/15/2019
NMB-INTERCOASTAL MALL DEVELOPMENT	CITY OF NORTH MIAMI BEACH	8/13/2019
NMB - FINAL PLAT JEFFERSON PLAZA	CITY OF NORTH MIAMI BEACH	8/13/2019
CA391-TWO#11-FM#440072-1-62-01	CREATIVE ENGINEERING GROUP, INC	8/9/2019
RESILIENCY PLANNING STUDY	TOWN OF CUTLER BAY	8/2/2019
C9T30-C9T30-423126-2-62-01	FLORIDA DEPT. OF TRANSPORTATION	8/1/2019
INDOT I-74 BR REHAB O PLANK ROAD	INDIANA DEPT OF TRANSPORTATION	8/1/2019
HNTB I-69 TPA	HNTB INDIANAPOLIS OFFICE	8/1/2019
INDOT CR 1100W o I-70 BR REHAB	INDIANA DEPT OF TRANSPORTATION	8/1/2019
PHN 2019-28 REDUCTION OF BONDS	CITY OF HOMESTEAD	7/29/2019
PHN 2019-36 WAIVER OF PLAT	CITY OF HOMESTEAD	7/29/2019
C9Z00-TWO#03-CARDNO	FLORIDA DEPT. OF TRANSPORTATION	7/26/2019
RER/DERM COMPLIANCE PLAN/FOG SYSTEM	UNIVERSITY OF MIAMI	7/19/2019
NMB-20YR WATER SUPPLY	CITY OF NORTH MIAMI BEACH	7/17/2019
NMB- PARKING STUDY	CITY OF NORTH MIAMI BEACH	7/17/2019
C9M77-TWO#16-FM#	FLORIDA DEPT. OF TRANSPORTATION	7/17/2019
C9M77-FM#429575	FLORIDA DEPT. OF TRANSPORTATION	7/17/2019
TRAFFIC OPS SAFETY STUDY	CHOICE ENGINEERING CONSULTANTS	7/17/2019
BE566 - LOA#22 BROWARD CONTRACTS	FLORIDA DEPT. OF TRANSPORTATION	7/15/2019
NMB-BUS STOP STUDY	CITY OF NORTH MIAMI BEACH	7/11/2019
PHN 2019-23 TEXT AMENDMENT/ DOUG LL	CITY OF HOMESTEAD	7/2/2019
PHN 2019-24 T PLAT FOR UHAUL	CITY OF HOMESTEAD	7/2/2019
PHN 2019-25 SP APPROVAL FOR UHAUL	CITY OF HOMESTEAD	7/2/2019
PHN 2019-27 SP APPROVAL IHOP	CITY OF HOMESTEAD	7/2/2019
SAWGRASS-FM#445140	FLORIDA DEPT. OF TRANSPORTATION	7/2/2019
TDOT DSRC TRAINING SUPPORT & ASSIST	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/1/2019
MRG-ALTON RD EDUCATION OUTREACH	MEDIA RELATIONS GROUP, LLC	6/28/2019
HNTB I70 PATCHING INS DES 1802991	HNTB INDIANAPOLIS OFFICE	6/24/2019
SR 826 DESIGN-FM#432639-1-22-01	FLORIDA DEPT. OF TRANSPORTATION	6/23/2019
CITY OF HOMESTEAD-SIGNALIZATION UPG	CITY OF HOMESTEAD	6/20/2019
1212 AVENTURA TRAFFIC REVIEW	CITY OF AVENTURA	6/19/2019
BIRD ROAD BASIN PHASES 3 & 4	SLACK, JOHNSTON & MAGENHEIMER INC	6/19/2019
INDOT FT WAYNE SR 3 OVER PRAITIE CR	INDIANA DEPT OF TRANSPORTATION	6/17/2019
INDOT FT WAYNE SR 18 OVER BEAR CR	INDIANA DEPT OF TRANSPORTATION	6/17/2019
INDOT FT WAYNE CR 200 N OVER I-69	INDIANA DEPT OF TRANSPORTATION	6/17/2019
INDOT FT WAYNE CR 400 N OVER I-69	INDIANA DEPT OF TRANSPORTATION	6/17/2019
CA391-TWO#03-FM#440087-1-62-01	CREATIVE ENGINEERING GROUP, INC	6/10/2019

Section 4: Workload of Firm

Corradino Project Number and Name	Client	Date
CA391-TWO#04-FM#440086-1-62-01	CREATIVE ENGINEERING GROUP, INC	6/10/2019
CA391-TWO#05-FM#440077-1-62-01	CREATIVE ENGINEERING GROUP, INC	6/10/2019
CA391-TWO#06-FM#440074-1-62-01	CREATIVE ENGINEERING GROUP, INC	6/10/2019
CA391-TWO#07-FM#440073-1-62-01	CREATIVE ENGINEERING GROUP, INC	6/10/2019
CA391-TWO#08-FM#437832-1-62-01	CREATIVE ENGINEERING GROUP, INC	6/10/2019
CA391-TWO#09-FM#438291-1-6201	CREATIVE ENGINEERING GROUP, INC	6/10/2019
CA391-TWO#10-FM#437708-1-62-01	CREATIVE ENGINEERING GROUP, INC	6/10/2019
CA391-TWO#13-FM#440076-1-62-01	CREATIVE ENGINEERING GROUP, INC	6/10/2019
ENG SUPPORT TDP SOUTH RIVER DRIVE	TOWN OF MEDLEY	6/5/2019
FDOT6-LOA#23	FLORIDA DEPT. OF TRANSPORTATION	6/1/2019
FDOT6-LOA#24	FLORIDA DEPT. OF TRANSPORTATION	6/1/2019
PHN 2019-13 COU FOR BEER AND WINE	CITY OF HOMESTEAD	5/28/2019
ASPR 2019-14 TEMP SALES KNGMAN LENN	CITY OF HOMESTEAD	5/28/2019
PHN 2019-15 COMP PLAN AMENDMENT	CITY OF HOMESTEAD	5/28/2019
PHN 2019-16 REZONE R-1 TP B-2	CITY OF HOMESTEAD	5/28/2019
ASPR 2019-19 MINOR MODIFICATION	CITY OF HOMESTEAD	5/28/2019
PHN 2019-20 SP HOLIDAY PROFESSIONAL	CITY OF HOMESTEAD	5/28/2019
PHN 2019-08 PMG ASSET SERVICES LLC	CITY OF HOMESTEAD	5/10/2019
PHN 2019-09 TENTATIVE RE PLAT 15	CITY OF HOMESTEAD	5/10/2019
PHN 2019-10 FINAL PLAT PMG VILLAS	CITY OF HOMESTEAD	5/10/2019
PHN 2019-12 SP J&B INVEST LLC	CITY OF HOMESTEAD	5/10/2019
CLARO DEV-OCEAN TERRACE MANEUVERABI	CLARO DEVELOPMENT	5/10/2019
LANDUSE SECANRIO DEVELOMENT NC	MIAMI DADE MPO	5/3/2019
RIDERSHIP FORECASTING NC	BROWARD COUNTY MPO	5/3/2019
CB WATER SUPPLY PLAN	TOWN OF CUTLER BAY	4/30/2019
NMB- TROLLEY ULETA ROUTE DEVELOPMEN	CITY OF NORTH MIAMI BEACH	4/30/2019
NMB-TROLLEY ROUTE A REVISIONS	CITY OF NORTH MIAMI BEACH	4/30/2019
SR 3 IN WELLS COUNTY	INDIANA DEPT OF TRANSPORTATION	4/30/2019
INDOT SR 16 BRIDGE IN MIAMI COUNTY	INDIANA DEPT OF TRANSPORTATION	4/30/2019
INDOT SR 19 BRIDGE ELKHART COUNTY	INDIANA DEPT OF TRANSPORTATION	4/30/2019
INDOT US 35 BRIDGE IN GRANT COUNTY	INDIANA DEPT OF TRANSPORTATION	4/30/2019
MVUD S.TRANSMISSION LINE TRAFFIC CO	HETHCOAT & DAVIS, INC.	4/26/2019
SR 48 TRENTON ROAD	DBS & ASSOCIATES ENGINEERING, INC.	4/15/2019
FIFTY INTER SAFETY STUDY INDY MPA	INDIANAPOLIS DEPT METROPOLITAN DEV	4/15/2019
KYTC CHAF MODELING	KENTUCKY TRANSPORTATION CABINET	4/12/2019
PHN 2019-07 SIT PALN HYST	CITY OF HOMESTEAD	4/1/2019
PHN 2019-06 MASTER PLAN AMEND CYRST	CITY OF HOMESTEAD	4/1/2019
DISTWIDE CONST REVIEWS	FLORIDA DEPT. OF TRANSPORTATION	4/1/2019
BE566-LOA#20 BWD MAINT	FLORIDA DEPT. OF TRANSPORTATION	4/1/2019
PARK AVE BIKE & PEDESTRIAN CORRIDOR	CITY OF INDIANAPOLIS	4/1/2019
INDOT-ON-CALL TRAFFIC CAPACITY SAFE	INDIANA DEPT OF TRANSPORTATION	3/30/2019
MRG-AGGRESSIVE DRIVING	MEDIA RELATIONS GROUP, LLC	3/27/2019
MRG-GENERAL TRAFFIC OPS	MEDIA RELATIONS GROUP, LLC	3/27/2019
MRG-ALERT TODAY, ALIVE TOMORROW	MEDIA RELATIONS GROUP, LLC	3/27/2019
INDOT SCPS TECHNICAL SUPPORT	INDIANA DEPT OF TRANSPORTATION	3/21/2019
RTV ROW POLLO TROPICAL	TOWN OF MEDLEY	3/19/2019
ROW ANALYSIS NW 99TTH TERRACE	TOWN OF MEDLEY	3/19/2019

Section 4: Workload of Firm

Corradino Project Number and Name	Client	Date
ROW ANALYSIS NW 95TH STREET	TOWN OF MEDLEY	3/19/2019
GISDK TRAINING AND MODEL CON.TO TC8	KENTUCKY TRANSPORTATION CABINET	3/18/2019
I-69 ADDED TRAVEL LANES-SR38TOSR32	INDIANA DEPT OF TRANSPORTATION	3/18/2019
I-65 HMA OVERLAY PREVENTATIVE MAINT	TRAF-O-DATA CORP.	3/18/2019
CONCRETE PAVEMNT RESTORATION	INDIANA DEPT OF TRANSPORTATION	3/18/2019
SR 32 HMA OVERLAY PREVENT MAINT	INDIANA DEPT OF TRANSPORTATION	3/18/2019
PLANNING STUDY FOR MDX 83618	SLACK, JOHNSTON & MAGENHEIMER INC	3/18/2019
CHATTANOOGA CCTV CEI	CITY OF CHATTANOOGA	3/15/2019
REMOVAL OF RUNWAY OBSTRUCTION EA	BARKLEY REGIONAL AIRPORT AUTHORITY	3/12/2019
UPDATE TO TERMINAL RELOCATION	BARKLEY REGIONAL AIRPORT AUTHORITY	3/12/2019
4416*03 - RE-DESIGN WATER MAIN UPGRADES	TOWN OF MEDLEY	3/8/2019
V OF PALMETTO BAY-TRAFFIC CIRCLE	VILLAGE OF PALMETTO BAY	3/7/2019
CITY OF FRANKLIN ONCALL TRAFF WO#01	CITY OF FRANKLIN	3/7/2019
ASPR2019-04 ADMIN SITE PLAN REVIEW	CITY OF HOMESTEAD	2/28/2019
CA143-FM#437992-1-62-01	CREATIVE ENGINEERING GROUP, INC	2/25/2019
VILLAGE OF KEY BISCAYNE PLANNER	VILLAGE OF KEY BISCAYNE	2/19/2019
C9S68-TWO320-FM#237984-2-62-15	MEHTA AND ASSOCIATES, INC.	2/18/2019
LEE TRAN DBE PLAN UPDATE	LEE COUNTY BOARD OF COUNTY COMMISSI	2/13/2019
FDOT - D4 TCRPM TWO 12	FLORIDA DEPT. OF TRANSPORTATION	2/12/2019
AECOM/TURNPIKE YR4-PROJECT PLANNING	AECOM TECHNICAL SERVICES, INC	2/11/2019
BE566-LOA#19 SOP UPDATES	FLORIDA DEPT. OF TRANSPORTATION	2/10/2019
INSTALLATION OF 8IN FORCEMAIN#14868	MIAMI DADE WATER & SEWER DEPT	2/6/2019
ST. CLOUD CITY WIDE TMP	CITY OF ST. CLOUD	2/4/2019
ST. CLOUD TRANSPORATION ELEMENT	CITY OF ST. CLOUD	2/4/2019
WATER DISTRIBUTION REPORT	21848 - VILLAGE OF VIRGINIA GARDENS	2/1/2019
SMART COMMUNITY - TECH STUDY	TOWN OF MIAMI LAKES	2/1/2019
MOBILITY FEE UPDATE	TOWN OF MIAMI LAKES	2/1/2019
BE566-LOA#18-PB MAINTENANCE	FLORIDA DEPT. OF TRANSPORTATION	1/24/2019
PHN 2018-79A LOT AREA VAR KEYS COVE	CITY OF HOMESTEAD	1/23/2019
PHN 2018-79B SIDE SETBACK VAR KEYS	CITY OF HOMESTEAD	1/23/2019
PHN 2018-79C REAR SETBACK VAR KEYS	CITY OF HOMESTEAD	1/23/2019
PHN 2019-03 KEYS GATE 111 TRUST/VAR	CITY OF HOMESTEAD	1/23/2019
SOW #6 MODERA FLAGLER VILLAGE 501	CITY OF FORT LAUDERDALE	1/23/2019
INDOT US 40 BR RPL OVER FLATROCK RI	INDIANA DEPT OF TRANSPORTATION	1/23/2019
INDOT US 40 BR RPL OVER BUCK CREEK	INDIANA DEPT OF TRANSPORTATION	1/23/2019
INDOT US 40 BR RPL OVER NOLAND'S FO	INDIANA DEPT OF TRANSPORTATION	1/23/2019
TDOT - SR 37 @ SR 67 Signal Design	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/16/2019
FRANKLIN & EDGEWOOD ROUNDABOUT CONS	CITY OF INDIANAPOLIS	1/16/2019
FRANKLIN & THOMPSON ROUNDABOUT CONS	CITY OF INDIANAPOLIS	1/16/2019
PALMETTO BAY - INTERMODEL CENETER	VILLAGE OF PALMETTO BAY	1/15/2019
INDOT TRAFFIC FORECASTING TOOL-TFT	INDIANA DEPT OF TRANSPORTATION	1/8/2019
PHN 2018-80 COMP PLAN AMEND FVP	CITY OF HOMESTEAD	1/7/2019
PHN 2018-81 ReZone B-1/R-1 FVP	CITY OF HOMESTEAD	1/7/2019
PHN 2018-82 ReZone G/R-2 FVP	CITY OF HOMESTEAD	1/7/2019
PHN 2018-83 TENTATIVE PLAT FVP	CITY OF HOMESTEAD	1/7/2019
PHN 2018-84 SITE PLAN FVP HOMESTEAD	CITY OF HOMESTEAD	1/7/2019
PHN 2018-85 LOT SIZE VAR FVP HOMEST	CITY OF HOMESTEAD	1/7/2019

Section 4: Workload of Firm

Corradino Project Number and Name	Client	Date
PHN 2018-86 LOT WIDTH VAR FVP	CITY OF HOMESTEAD	1/7/2019
PHN 2018-87 SETBACK VAR FVP	CITY OF HOMESTEAD	1/7/2019
PHN 2018-88 REAR SETBACK VAR FVP	CITY OF HOMESTEAD	1/7/2019
PHN 2018-89 CORNER/SIDE SETBACK VAR	CITY OF HOMESTEAD	1/7/2019
PHN 2018-91 SITE PLAN MIAMI DRIVING	CITY OF HOMESTEAD	1/7/2019
PHN 2018-92 FLUM AMEND LCU/MRU	CITY OF HOMESTEAD	1/7/2019
PHN 2018-93 REZONE B1/RTH PORTBELLO	CITY OF HOMESTEAD	1/7/2019
ISLAMORADA AFFORDABLE WORKFORCE HOU	VILLAGE OF ISLAMORADA	1/7/2019
McEWEN AT I-65 SIGNAL MODIFICATION	ALFRED BENESCH & COMPANY	1/2/2019
FDOT6-LOA#19	FLORIDA DEPT. OF TRANSPORTATION	1/1/2019
FDOT6-LOA#21	FLORIDA DEPT. OF TRANSPORTATION	1/1/2019
FDOT6-LOA#22	FLORIDA DEPT. OF TRANSPORTATION	1/1/2019
CITY OF HIALEAH-CONST ENG	CITY OF HIALEAH	12/20/2018
RICHMOND DTA	RICHMOND REGIONAL PLANNING DIST COM	12/17/2018
BINFORD BLVD/FALL CREEK PKWY SAFETY	CITY OF INDIANAPOLIS	12/15/2018
AIR QUALITY CONFORMITY SUPPORT	INDIANA DEPT OF TRANSPORTATION	12/12/2018
PHN 2018-73 REZONE ABA SOLUTION	CITY OF HOMESTEAD	12/7/2018
PHN 2018-74 EXON OROZCO SPE	CITY OF HOMESTEAD	12/7/2018
FDOT - D4 TCRPM TWO 10	FLORIDA DEPT. OF TRANSPORTATION	11/29/2018
FDOT - D4 TCRPM TWO 11	FLORIDA DEPT. OF TRANSPORTATION	11/29/2018
CITY OF MIAMI SPRINGS CBPMS	MIAMI SPRINGS	11/29/2018
YR 2045 LRTPU - GAINESVILLE - MTPO	CITY OF GAINESVILLE	11/16/2018
FDOT - D4 TCRPM TWO 9	FLORIDA DEPT. OF TRANSPORTATION	11/13/2018
PALMETTO BAY- TRAFFIC ANLY 155 & 82	VILLAGE OF PALMETTO BAY	10/29/2018
CA107-AECOM-TWO#01	AECOM TECHNICAL SERVICES, INC	10/26/2018
BE566-LOA#13 BROWARD MAINT	FLORIDA DEPT. OF TRANSPORTATION	10/25/2018
BE566-LOA14-PB MAINT INSPECTION	FLORIDA DEPT. OF TRANSPORTATION	10/25/2018
BE566-LOA#15-TC MAINT CONTRACTS	FLORIDA DEPT. OF TRANSPORTATION	10/25/2018
BE566-LOA#16-BRIDGE	FLORIDA DEPT. OF TRANSPORTATION	10/25/2018
BE566-LOA#17-BROWARD CONTRACTS SIGN	FLORIDA DEPT. OF TRANSPORTATION	10/25/2018
HNTB SR 356 OVER MUD CREEK	HNTB INDIANAPOLIS OFFICE	10/24/2018
HNTB US 41 OVER VIEKE DITCH	HNTB INDIANAPOLIS OFFICE	10/24/2018
INDOT SR 1 OVER BUTLERS RUN 1701378	INDIANA DEPT OF TRANSPORTATION	10/22/2018
HWY 96 W AT WESTHAVEN/OLD CHARLOTTE	CITY OF FRANKLIN	10/19/2018
FDOT - D4 TCRPM TWO 8	FLORIDA DEPT. OF TRANSPORTATION	10/18/2018
INDOT CRAWFORDSVILLE DIST. ON CALL	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 59 BR. REHAB O CONNELLEY DITCH	INDIANA DEPT OF TRANSPORTATION	10/18/2018
I-70 BR. REHAB O BAYLESS STATE DITC	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 234 BR. REHAB O MILL CREEK	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 641 NB BR. REHAB O LITTLE HONEY	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 641 SB BR. REHAB O LITTLE HONEY	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 641 NB BR. REHAB O UNT. LITTLE H	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 641 SB BR. O UNT. LITTLE HONEY C	INDIANA DEPT OF TRANSPORTATION	10/18/2018
MOYER ROAD BR. REHAB O SR 641	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 641 NB BR. REHAB O FEREE ROAD	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 641 SB BR. REHAB O FEREE ROAD	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 46 BR. REHAB O SR 641	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 59 BR. REHAB O OLD WABASH & ERIE	INDIANA DEPT OF TRANSPORTATION	10/18/2018

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Corradino Project Number and Name	Client	Date
SR 46 BR. REHAB O BIG SLOUGH CREEK	INDIANA DEPT OF TRANSPORTATION	10/18/2018
SR 46 BR. REHAB O HONEY CREEK	INDIANA DEPT OF TRANSPORTATION	10/18/2018
OLD SR 63 BR. REHAB O HAYWORTH SLOU	INDIANA DEPT OF TRANSPORTATION	10/18/2018
INDOT SR 1 OVER DUCK CREEK 1600482	INDIANA DEPT OF TRANSPORTATION	10/17/2018
INDOT SR 1 OVER LITTLE DUCK CREEK	INDIANA DEPT OF TRANSPORTATION	10/17/2018
WEST PARK - LAUNDRY, LLC	THE CITY OF WEST PARK	10/16/2018
VILLAGE OF KEY BISCAYNE EAR II	VILLAGE OF KEY BISCAYNE	10/16/2018
TY LIN-BISCAYNE BLVD	TYLIN-INTERNATIONAL	10/16/2018
C OF HIALEAH-W 4 AVE FRONTAGE RD	CITY OF HIALEAH	10/15/2018
WS INDIAN CREEK PLANNING STUDY	WEISS SEROTA HELFMAN PASTORIZA GUED	10/5/2018
KYTC TFT (PHASE1)	KENTUCKY TRANSPORTATION CABINET	10/4/2018
CB PHARMACY MAPPING	TOWN OF CUTLER BAY	10/3/2018
CEI SERV WIDENING AND RECONST	TARGET ENGINEERING GROUP INC	10/3/2018
PHN 2018-64 GALILEO PROP TENT PLAN	CITY OF HOMESTEAD	10/2/2018
PHN 2018-65 GALILEO PROP STIE PLAN	CITY OF HOMESTEAD	10/2/2018
PHN 2018-66 GALIELO PROP SP EXP	CITY OF HOMESTEAD	10/2/2018
PHN 2018-62 SMALL COMP PLAN AMEND	CITY OF HOMESTEAD	10/2/2018
PHN 2018-63 COU SHRINERS	CITY OF HOMESTEAD	10/2/2018
AV 2018-70 CL PROP HOLDINGS	CITY OF HOMESTEAD	10/2/2018
PHN 2018-75 EXCON OROZCO SPE	CITY OF HOMESTEAD	10/2/2018
PHN 2018-76 AMEND PUD MPK	CITY OF HOMESTEAD	10/2/2018
PHN 2018-77 TENTATIVE RE PLAT	CITY OF HOMESTEAD	10/2/2018
PHN 2018-78 STIE PLAN KEYS COVE II	CITY OF HOMESTEAD	10/2/2018
FDOT6-LOA#16	FLORIDA DEPT. OF TRANSPORTATION	10/1/2018
2019 GIS MAPPING	CITY OF HOMESTEAD	9/27/2018
MDCPS PROFS PLANNING SERVICE III	JSA Group Inc., Julio Sanchez R.A.	9/25/2018
WEST PARK-AARON'S AUTOMATIVE	THE CITY OF WEST PARK	9/18/2018
WEST PARK - JUDEIKIS VARIANCE	THE CITY OF WEST PARK	9/18/2018
C9J07-TWO#50-42765126201	TARGET ENGINEERING GROUP INC	9/18/2018
CB PLANET FITNESS SIGN VARIANCE	TOWN OF CUTLER BAY	9/17/2018
2019 PROF ZONING ASSISTANCE	CITY OF HOMESTEAD	9/17/2018
2019 COUNTER/CUSTOMER SERV	CITY OF HOMESTEAD	9/17/2018
2019 GENERAL ASSISTANCE	CITY OF HOMESTEAD	9/17/2018
2019 INTER DEPT ASSISTANCE	CITY OF HOMESTEAD	9/17/2018
2019 INTERNAL DEPT ASSISTANCE	CITY OF HOMESTEAD	9/17/2018
2019 SPECIAL PROJECTS	CITY OF HOMESTEAD	9/17/2018
BISCAYNE EVERGLADES BTTS	CITY OF HOMESTEAD	9/17/2018
2019 DEVELOPMENT SERV DIRECTOR	CITY OF HOMESTEAD	9/17/2018
KEY BISCAYNE-KITEBOARD CHANNEL	VILLAGE OF KEY BISCAYNE	9/17/2018
BE566-LOA#12-BWD MAINT	FLORIDA DEPT. OF TRANSPORTATION	9/14/2018
HNTB - INDOT TOLLING STUDY	HNTB INDIANAPOLIS OFFICE	9/10/2018
FRANKLIN AVE TO GRAND AVE	COCONUT GROVE BUSINESS IMP	9/1/2018
PEDESTRIAN SCRAMBLE GRAND AVE	COCONUT GROVE BUSINESS IMP	9/1/2018
CITY OF GARY ROAD SAFETY AUDITS	CITY OF GARY	9/1/2018
HAMILTON COUNTY ON-CALL TRANSPORTAT	HAMILTON COUNTY HIGHWAY DEPT	8/30/2018
FDOT 4-LOA#09	FLORIDA DEPT. OF TRANSPORTATION	8/23/2018
427369-2-SR 997/KROME AVE	FLORIDA DEPT. OF TRANSPORTATION	8/22/2018

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Corradino Project Number and Name	Client	Date
427369-3-SR 997/KROME	FLORIDA DEPT. OF TRANSPORTATION	8/22/2018
ASPR 2018-49 CRYSTAL LAKE SHOPPING	CITY OF HOMESTEAD	8/21/2018
PHN 2018-59 HOMESTEAD HOLDINGS WOP	CITY OF HOMESTEAD	8/21/2018
PHN 2018-55 KEYS GATE SP DISTRICT	CITY OF HOMESTEAD	8/21/2018
PHN 20158-54 KEYS GATE CDD	CITY OF HOMESTEAD	8/21/2018
PHN 2018-53 KEYS GATE TENATIVE REPL	CITY OF HOMESTEAD	8/21/2018
PHN 2018-52 KEYS GATE SITE PLAN	CITY OF HOMESTEAD	8/21/2018
PHN 2018-51 KEYS GATE NOPC	CITY OF HOMESTEAD	8/21/2018
PHN 2018-61 ALLIANCE HOMESTEAD SP	CITY OF HOMESTEAD	8/21/2018
PHN 2018-60 ALLIANCE HOMESTEAD TRP	CITY OF HOMESTEAD	8/21/2018
MD TPO SAFE STREETS SUMMIT SUPPORTI	MIAMI DADE MPO	8/21/2018
I-65 AT SR 11 INTERSTATE ACCESS DOC	UNITED CONSULTING	8/20/2018
CB TOWN CENTRE SENIOR RESIDENTIAL	TOWN OF CUTLER BAY	8/17/2018
AMERICAN DREAM MALL 24-INCH SANITAR	MIAMI DADE WATER & SEWER DEPT	8/16/2018
CRUISE ROAD SEGMENT 1 PHASE 1A/1B R	TYLIN-INTERNATIONAL	8/15/2018
C9Z00-TWO#02-FM#230379-7	FLORIDA DEPT. OF TRANSPORTATION	8/10/2018
BE566-LOA#10-PALM BCH MAINT SPANISH	FLORIDA DEPT. OF TRANSPORTATION	8/9/2018
INDOT SR 135 1801032	INDIANA DEPT OF TRANSPORTATION	8/8/2018
INDOT SR 135 1800287	INDIANA DEPT OF TRANSPORTATION	8/8/2018
INDOT SR 258 1801011	INDIANA DEPT OF TRANSPORTATION	8/8/2018
INDOT SR 258 1800292	INDIANA DEPT OF TRANSPORTATION	8/8/2018
INDOT SR 258 1800228	INDIANA DEPT OF TRANSPORTATION	8/8/2018
INDOT SR 58 1801048	INDIANA DEPT OF TRANSPORTATION	8/8/2018
INDOT SR 58 1801047	INDIANA DEPT OF TRANSPORTATION	8/8/2018
C9M77-TWO#09-FM#425960-4-62-01	FLORIDA DEPT. OF TRANSPORTATION	8/7/2018
C9M77-TWO#10-FM#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	8/7/2018
C9M77-TWO#11-FM#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	8/7/2018
C9M77-TWO#12-FM#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	8/7/2018
C9M77-TWO313-FM#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	8/7/2018
C9M77-TWO#14-FM#425960-5-62-01	FLORIDA DEPT. OF TRANSPORTATION	8/7/2018
C9M77-TWO#18-FM#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	8/7/2018
BE566 LOA#11 PALM BEACH MAINTENANCE	FLORIDA DEPT. OF TRANSPORTATION	8/6/2018
BE566-LOA#09-BROWARD MAINT	FLORIDA DEPT. OF TRANSPORTATION	8/1/2018
AECOM/TURNPIKE MODELING SUPPORT	AECOM TECHNICAL SERVICES, INC	7/31/2018
BE566-LOA#07-BROWARD MAINT	FLORIDA DEPT. OF TRANSPORTATION	7/30/2018
BE566-LOA#08-BROWARD MAINT	FLORIDA DEPT. OF TRANSPORTATION	7/30/2018
43VILLAGE OF KEY BISCAYNE CRAND BLVD	VILLAGE OF KEY BISCAYNE	7/25/2018
VILLAGE OF KEY BISCAYNE CRAN SAFETY	VILLAGE OF KEY BISCAYNE	7/25/2018
C9M21-TWO#09-FM#433731-1-6201	CREATIVE ENGINEERING GROUP, INC	7/20/2018
TOWN OF MEDLEY-TPS	TOWN OF MEDLEY	7/19/2018
FISHERS MINOR WETLAND DELINEATION	FISHERS ENGINEERING DEPT	7/11/2018
PHN 2018-45 SITE PLAN 7 11 INC	CITY OF HOMESTEAD	7/2/2018
PHN 2018-47 SPEC EXP 7 11	CITY OF HOMESTEAD	7/2/2018
PHN 2018-48 COU 7 11	CITY OF HOMESTEAD	7/2/2018
C9V54-TWO#12-FM#431433-6-62-01	METRIC ENGINEERING INC	7/2/2018
C9V54-TWO#21	METRIC ENGINEERING INC	7/2/2018
FDOT6-LOA#14	FLORIDA DEPT. OF TRANSPORTATION	7/1/2018

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Corradino Project Number and Name	Client	Date
KEY BISCAYNE TREE TRIMMING	VILLAGE OF KEY BISCAYNE	7/1/2018
FDOT D4 TCRPM TWO 5	FLORIDA DEPT. OF TRANSPORTATION	6/19/2018
FDOT D4 TCRPM TWO 6	FLORIDA DEPT. OF TRANSPORTATION	6/19/2018
RS&H-CUBE ANALYST	REYNOLDS,SMITH & HILLS, INC	6/18/2018
INDOT SR 28 IN RANDOLPH CO.	INDIANA DEPT OF TRANSPORTATION	6/18/2018
INDOT SR 28 IN DELAWARE CO.	INDIANA DEPT OF TRANSPORTATION	6/18/2018
INDOT SR 1 IN RANDOLPH & JAY CO.	INDIANA DEPT OF TRANSPORTATION	6/18/2018
INDOT SR19(SR28 W JUNET to SR28 E J	INDIANA DEPT OF TRANSPORTATION	6/18/2018
INDOT SR 28(WCL OF TIPTON TO SR 19	INDIANA DEPT OF TRANSPORTATION	6/18/2018
INDOT SR 28(SR 19 E JUNC TO 0.50 MI	INDIANA DEPT OF TRANSPORTATION	6/18/2018
INDOT SR 128(WCL OF FRANKTON TO ECL	INDIANA DEPT OF TRANSPORTATION	6/18/2018
PHN 2018-43 LSV INVESTMENT INC	CITY OF HOMESTEAD	6/14/2018
PHN 2018-44 BRICK EARLY LEARNING CE	CITY OF HOMESTEAD	6/14/2018
CONTRACT SUPPORT - BROWARD OPS	FLORIDA DEPT. OF TRANSPORTATION	6/14/2018
BAL HARBOUR ALTER DRIVE DESIGN	BAL HARBOUR	6/13/2018
TDOT-TRAFFIC FORESCASTING TOOL	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/12/2018
DMO PERMITS	FLORIDA DEPT. OF TRANSPORTATION	6/12/2018
BE566-LOA#5-BROWARD CONTRACTS	FLORIDA DEPT. OF TRANSPORTATION	6/12/2018
BE566-LOA#6-TREASURE COAST MAINT	FLORIDA DEPT. OF TRANSPORTATION	6/12/2018
STRUCTURAL ASSESSMENT LUGO BERM	CITY OF CORAL GABLES	6/11/2018
C9Z00-TWO#01-FM#230379-7	FLORIDA DEPT. OF TRANSPORTATION	6/7/2018
C9Z00-TWO#04-FM#230379-7	FLORIDA DEPT. OF TRANSPORTATION	6/7/2018
DMO CONTRACTS	FLORIDA DEPT. OF TRANSPORTATION	6/6/2018
RSH-SA#7	REYNOLDS,SMITH & HILLS, INC	6/1/2018
FDOT 4-LOA#04	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT 4-LOA#05	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT 4-LOA#06	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT 4-LOA#07	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT 4-LOA#08	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT 4-LOA#10	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT 4-LOA#11	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT 4-LOA#12	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT 4-LOA#13	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
FDOT4-LOA#14	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
SR-713 KINGS HWY-230256-6	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
SR713 KINGS HWY-230256-7	FLORIDA DEPT. OF TRANSPORTATION	6/1/2018
C9T30-251688-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	5/31/2018
C9T30-429300-2-62-01	FLORIDA DEPT. OF TRANSPORTATION	5/31/2018
C9T30-423126-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	5/31/2018
C9Z74-TWO#01	FLORIDA DEPT. OF TRANSPORTATION	5/31/2018
C9Z74-TWO#02	FLORIDA DEPT. OF TRANSPORTATION	5/31/2018
VILLAGE OF PALMETTO MOBILITY IMPACT	VILLAGE OF PALMETTO BAY	5/29/2018
LOA 21 BROWARD CONTRACTS-PULL BOXES	FLORIDA DEPT. OF TRANSPORTATION	5/21/2018
CB CDMMP APPLICATION FORM	TOWN OF CUTLER BAY	5/17/2018
PH2018-33 CL PROPERTY HOLDING LLC	CITY OF HOMESTEAD	5/15/2018
PHN2018-35 PRESIDENTE NO. 30 COU	CITY OF HOMESTEAD	5/15/2018
PHN2018-31 KINGMAN LENNAR NEXT GEN	CITY OF HOMESTEAD	5/15/2018

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Corradino Project Number and Name	Client	Date
PHN2018-32 KINGMAN LENNAR CLUB HOUS	CITY OF HOMESTEAD	5/15/2018
PHN2018-36 STOR ALL ACQ LLC SITE PL	CITY OF HOMESTEAD	5/15/2018
PHN2018-37 SR ACQ SP TROP VILLAS	CITY OF HOMESTEAD	5/15/2018
PHN2018-38 CONNOR GASKIS FP	CITY OF HOMESTEAD	5/15/2018
PHN2018-40 STOR ALL TP	CITY OF HOMESTEAD	5/15/2018
VG - DEBRIS MANAGEMENT	21848 - VILLAGE OF VIRGINIA GARDENS	5/15/2018
DEBRIS REMOVAL	21848 - VILLAGE OF VIRGINIA GARDENS	5/15/2018
SR 9 WHITE TOPPING IN SHELBY COUNTY	INDIANA DEPT OF TRANSPORTATION	5/10/2018
SR 3 TWIN BRIDGES OVER I-70	INDIANA DEPT OF TRANSPORTATION	5/10/2018
CPM77-TWO#07-FN#233166-2-62-01	FLORIDA DEPT. OF TRANSPORTATION	5/7/2018
C9M77-TWO#08-FN#233166-2-62-01	FLORIDA DEPT. OF TRANSPORTATION	5/7/2018
KYTC TFT (PHASE 1)	KENTUCKY TRANSPORTATION CABINET	5/2/2018
UPDATE KYSTMv18 - LA M-03A	KENTUCKY TRANSPORTATION CABINET	5/2/2018
LIBERTY GARDENS PARK	CITY OF NORTH MIAMI	5/1/2018
IRONS MANOR CONST MAGMNT	CITY OF NORTH MIAMI	5/1/2018
LIBERTY GARDENS CONST MNGMNT	CITY OF NORTH MIAMI	5/1/2018
MAINT PERSONNEL SUPP SERV-I-595	FLORIDA DEPT. OF TRANSPORTATION	5/1/2018
ASPR2018-30 NEW PORT DEVELOPMENT	CITY OF HOMESTEAD	4/30/2018
SR 200-EXPERT WITNESS	FLORIDA DEPT. OF TRANSPORTATION	4/20/2018
SR 236 SM STR RPL IN HENDRICKS COUN	INDIANA DEPT OF TRANSPORTATION	4/20/2018
US 41 SM STR RPL IN PARKE COUNTY	INDIANA DEPT OF TRANSPORTATION	4/20/2018
US 136 SM STR RPL IN MONTGOMERY COU	INDIANA DEPT OF TRANSPORTATION	4/20/2018
SR 234 SM STR RPL IN MONTGOMERY COU	INDIANA DEPT OF TRANSPORTATION	4/20/2018
SR 59 SM RPL IN CLAY COUNTY	INDIANA DEPT OF TRANSPORTATION	4/20/2018
SR 39 SM STR RPL IN HENDRICKS COUNT	INDIANA DEPT OF TRANSPORTATION	4/20/2018
US 231 SM STR RPL IN PUTNAM COUNTY	INDIANA DEPT OF TRANSPORTATION	4/16/2018
SR 159 SM STR RPL IN VIGO COUNTY	INDIANA DEPT OF TRANSPORTATION	4/16/2018
U OF M-MASTER PLAN UPDATE CMOM	UNIVERSITY OF MIAMI	4/13/2018
UM FOG SYSTEM COMPLIANCE REVIEW	UNIVERSITY OF MIAMI	4/13/2018
TDOT - DSRC GUIDANCE & RECCOMENDATI	TENNESSEE DEPARTMENT OF TRANSPORTAT	4/13/2018
NW 59 AVE-EXT TRANSP ANALYSIS	TOWN OF MIAMI LAKES	4/13/2018
TIS FOR 4852 MURFREESBORO RD	M2 GROUP LLC	4/10/2018
C9S22-TWO#08-INDIAN RIVER SIDEWALK	METRIC ENGINEERING INC	4/2/2018
C9S22-TWO#15-MASSACHUSETTS AVE	METRIC ENGINEERING INC	4/2/2018
C9S22-TWO#16-GATLIN BLVD	METRIC ENGINEERING INC	4/2/2018
C9S22-TWO#17-HIGH MEADOWS AVE	METRIC ENGINEERING INC	4/2/2018
C9S22-TWO#20-FM#433919-2-62-01	METRIC ENGINEERING INC	4/2/2018
C9S22-TWO#21-FM#438130-1-62-01	METRIC ENGINEERING INC	4/2/2018
C9S22-TWO#22-FM#410844-5-62-01	METRIC ENGINEERING INC	4/2/2018
PHN2018-19 VERTEX DEV SMALL COMP PL	CITY OF HOMESTEAD	3/27/2018
PHN2018-20 VERTEX DEV PUD MASTER PL	CITY OF HOMESTEAD	3/27/2018
PHN2018-21 VERTEX DEV SITE PLAN	CITY OF HOMESTEAD	3/27/2018
PHN2018-17 PMG ASSET T RE-PLAT	CITY OF HOMESTEAD	3/27/2018
PHN2018-18 PMG ASSET SITE PLAN	CITY OF HOMESTEAD	3/27/2018
ISLAMORADA INTERIM PLANNING DIR	VILLAGE OF ISLAMORADA	3/27/2018
NORTH BEACH NEIGHBORHOOD DES PLAN	CITY OF MIAMI BEACH	3/26/2018
MDX EMINENT DOMAIN - 2000 NW 5TH PL	WEISS SEROTA HELFMAN PASTORIZA GUED	3/23/2018

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Corradino Project Number and Name	Client	Date
MDX EMINENT DOMAIN - LORI OTT	WEISS SEROTA HELFMAN PASTORIZA GUED	3/23/2018
MDX EMINENT DOMAING - ALEXANDER OTT	WEISS SEROTA HELFMAN PASTORIZA GUED	3/23/2018
WEIS STATION COURT	WEISS SEROTA HELFMAN PASTORIZA GUED	3/23/2018
PHN2018-14RACETRACK CRYS LAKE PUD	CITY OF HOMESTEAD	3/19/2018
PHN2018-15CL PROP HOLD PUD AMEND	CITY OF HOMESTEAD	3/19/2018
PHN2018-16 PRESIDENTE SUPER COU	CITY OF HOMESTEAD	3/19/2018
OAKLAND PARK URBAN DESIGNER REVIEW	CITY OF OAKLAND PARK	3/11/2018
OCEAN TERRACE MIXED USE DEVELOPMENT	CLARO DEVELOPMENT	3/1/2018
CB SHOPPES OF CUTLER BAY	TOWN OF CUTLER BAY	2/28/2018
PHN2018-11 CORNER INV GRP ROW	CITY OF HOMESTEAD	2/28/2018
PH2018-13 4JJJJ PIZZERIA	CITY OF HOMESTEAD	2/28/2018
FDOT - D4 TCRPM TWO 4	FLORIDA DEPT. OF TRANSPORTATION	2/28/2018
FDOT - D4 TCRPM TWO 7	FLORIDA DEPT. OF TRANSPORTATION	2/28/2018
MDCPS PROFES PLANNING SERVICE II	DESIGN2FORM	2/20/2018
CB CUTLER GATE REZONE	TOWN OF CUTLER BAY	2/16/2018
VILLAGE OF KEY BISCAYNE EAR	VILLAGE OF KEY BISCAYNE	2/16/2018
TDOT - I-840 AT STEWARTS FERRY PIKE	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/12/2018
PHN2018-03 LORENZO SP EXCEPTION	CITY OF HOMESTEAD	2/6/2018
PHN2018-04 LORENZO SITE PLAN	CITY OF HOMESTEAD	2/6/2018
PHN2018-05 PMG ASSET PUD AMNEND	CITY OF HOMESTEAD	2/6/2018
PHN2018-06 FINAL PLAT KINGMAN	CITY OF HOMESTEAD	2/6/2018
PHN2018-07 EAST CDD KINGMAN LENNAR	CITY OF HOMESTEAD	2/6/2018
PHN2018-08 SP TAXING DISTRIC LENNAR	CITY OF HOMESTEAD	2/6/2018
TWO#61	FLORIDA DEPT. OF TRANSPORTATION	2/6/2018
TWO#62	FLORIDA DEPT. OF TRANSPORTATION	2/6/2018
C9J07-TWO#37-42765126201	TARGET ENGINEERING GROUP INC	2/6/2018
OAKLAND PARK RW PERMIT PROCEDURE	CITY OF OAKLAND PARK	2/1/2018
MDX EMINENT DOMAIN - DIAZ	WEISS SEROTA HELFMAN PASTORIZA GUED	1/18/2018
DOMINION TOWER - WEISS SEROTA	WEISS SEROTA HELFMAN PASTORIZA GUED	1/18/2018
MD TPO VISION ZERO PROJECT ANALYSIS	MIAMI DADE MPO	1/10/2018
SMART PLAN CORRIDOR ECON MOBILITY	MIAMI DADE MPO	1/10/2018
MEHTA*FM#435056-1	MEHTA AND ASSOCIATES, INC.	1/9/2018
MEHTA-FM#435053-1	MEHTA AND ASSOCIATES, INC.	1/9/2018
MEHTA-FM#435059-1	MEHTA AND ASSOCIATES, INC.	1/9/2018
MEHTA-FM#436325-1	MEHTA AND ASSOCIATES, INC.	1/9/2018
MEHTA-FM#436323-1	MEHTA AND ASSOCIATES, INC.	1/9/2018
MEHTA-FM#438096-1	MEHTA AND ASSOCIATES, INC.	1/9/2018
C9M77-TWO#05-FM#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	1/8/2018
FDOT6-LOA#11	FLORIDA DEPT. OF TRANSPORTATION	1/1/2018
FM#43310883203	FLORIDA DEPT. OF TRANSPORTATION	12/20/2017
FM#40935426201	FLORIDA DEPT. OF TRANSPORTATION	12/20/2017
FM#43222216201	FLORIDA DEPT. OF TRANSPORTATION	12/20/2017
PHN2017-60 SPEXP RACETRAC PETRO	CITY OF HOMESTEAD	12/18/2017
PHN2017-61 SITE PLAN RACETRAC PETRO	CITY OF HOMESTEAD	12/18/2017
PHN2017-62 CERTOFUSE RACETRAC PETRO	CITY OF HOMESTEAD	12/18/2017
PHN2017-51 COMP PLAN AMEND LCS	CITY OF HOMESTEAD	12/18/2017
PHN2017-49 SITE PLAN MOD LEO GIA	CITY OF HOMESTEAD	12/18/2017

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PHN2017-50 SITE PLAN PARKING LOT	CITY OF HOMESTEAD	12/18/2017
PHN2017-63 ASPR MODEL MOD TREO KING	CITY OF HOMESTEAD	12/18/2017
PHN2017-53 FLAG POLE VARIANCE/RT	CITY OF HOMESTEAD	12/18/2017
PHN2017-54 MONUMENT SIGN VARIANCE	CITY OF HOMESTEAD	12/18/2017
PHN2017-55 MINOR MOD ASPR TT	CITY OF HOMESTEAD	12/18/2017
ASPR 2017-52 MINOR MOD KEYES CO	CITY OF HOMESTEAD	12/18/2017
FDOT D4 TCRPM TWO 3	FLORIDA DEPT. OF TRANSPORTATION	12/18/2017
SR 997/KROME AVE FROM S	FLORIDA DEPT. OF TRANSPORTATION	12/1/2017
SR 997/KROME AVE FROM SW 232 STREET	FLORIDA DEPT. OF TRANSPORTATION	12/1/2017
SR 997/KROME-ADD'L FUNDS	FLORIDA DEPT. OF TRANSPORTATION	12/1/2017
4448*03 - C9S22-TWO#03	METRIC ENGINEERING INC	11/20/2017
C9S22-TWO#06	METRIC ENGINEERING INC	11/20/2017
C9J07-TWO#36-43477116201	TARGET ENGINEERING GROUP INC	11/20/2017
C9V54-METRIC ENG-TWO BASED	METRIC ENGINEERING INC	11/20/2017
C9C86-TWO#18-PLANS REVIEW	TARGET ENGINEERING GROUP INC	11/16/2017
C OF WEST PARK-PLANNING CONSULTANT	THE CITY OF WEST PARK	11/15/2017
TOWN OF MEDLEY-DESIGN SERV WATER MA	TOWN OF MEDLEY	11/14/2017
OAKLAND PARK PLANNING CONSULTANT	CITY OF OAKLAND PARK	11/9/2017
TWO#50 CAB	FLORIDA DEPT. OF TRANSPORTATION	11/8/2017
TWO#49 CAB	FLORIDA DEPT. OF TRANSPORTATION	10/31/2017
C9C21-TWO#52-FN#422720-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	10/24/2017
TRAFFIC STUDY GET ROOM STORAGE	CITY OF NORTH MIAMI	10/18/2017
INDOT STATEWIDE CORRIDOR PLANNING	INDIANA DEPT OF TRANSPORTATION	10/12/2017
2018 CRS	CITY OF HOMESTEAD	10/11/2017
2018 PROF ZONING ASSISTANCE	CITY OF HOMESTEAD	10/11/2017
2018 PROF PLANNING ASSITANCE	CITY OF HOMESTEAD	10/11/2017
2018 COUNTER/CUSTOMER SERV	CITY OF HOMESTEAD	10/11/2017
2018 GENERAL ASSITANCE	CITY OF HOMESTEAD	10/11/2017
2018 INTER DEPT ASSISTANCE	CITY OF HOMESTEAD	10/11/2017
2018 INNER DEPT ASSISTANCE	CITY OF HOMESTEAD	10/11/2017
2018 SPECIAL PROJECTS	CITY OF HOMESTEAD	10/11/2017
2019 PROF PLANNING ASSISTANCE	CITY OF HOMESTEAD	10/11/2017
ARCH REVIEW OF PROPOSALS	CITY OF HOMESTEAD	10/11/2017
2018 DEVELOPMENT SERV DIRECTOR	CITY OF HOMESTEAD	10/11/2017
FDOT - D4 TCRPM TWO 2	FLORIDA DEPT. OF TRANSPORTATION	10/10/2017
TWO#48	FLORIDA DEPT. OF TRANSPORTATION	10/5/2017
DESIGN OF CLARIFIERS	CDM SMITH INC.	10/1/2017
SSR SR-6 CEI	SMITH SECKMAN REID, INC	10/1/2017
FDOT D4 TCRPM TWO 1	FLORIDA DEPT. OF TRANSPORTATION	9/28/2017
VILLAGE OF PALMETTO PLANNING DIRECT	VILLAGE OF PALMETTO BAY	9/28/2017
RRTPO-FREIGHT SUBAREA MODEL DEVELOP	RICHMOND REGIONAL PLANNING DIST COM	9/15/2017
PHN2017-38 ORDINANCE AMENDMENT	CITY OF HOMESTEAD	8/28/2017
PHN2017-39 AMEND TO COVENANT	CITY OF HOMESTEAD	8/28/2017
PHN2017-41A/B COU WAIVER	CITY OF HOMESTEAD	8/28/2017
PHN2017-40 CERT OF BANQUET HALL LLC	CITY OF HOMESTEAD	8/28/2017
PHN2017-42 FINAL PLAT 33033	CITY OF HOMESTEAD	8/28/2017
HOMESTEAD STATION PARKING STUDY	CITY OF HOMESTEAD	8/23/2017

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Corradino Project Number and Name	Client	Date
Marine Academy of Science & Technol	HKS ARCHITECTS, INC	8/8/2017
CITY OF PEMBROKE PINES-CEI SERVICES	CITY OF PEMBROKE PINES	8/7/2017
MDC TPO SMART PLAN NORTH CORRIDOR	MIAMI DADE MPO	8/1/2017
SMART PLAN -DEVELOPMENT OF FIN SER	MIAMI DADE MPO	8/1/2017
SMART PLAN MODELING	MIAMI DADE MPO	8/1/2017
SA#04	FLORIDA DEPT. OF TRANSPORTATION	7/28/2017
PHN2017-31 FLUM AMENDMENT	CITY OF HOMESTEAD	7/24/2017
PHN2017-32 FINAL PLAT 10 ACRES	CITY OF HOMESTEAD	7/24/2017
PHN2017-35 FLUM AMEND PHOENIX	CITY OF HOMESTEAD	7/24/2017
PHN2017-36 REZONE PHOENIX	CITY OF HOMESTEAD	7/24/2017
C OF HALLANDALE BEACH TOWN HOMES	CITY OF HALLANDALE BEACH	7/17/2017
C9C21-TWO#50-FN#432790-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	7/13/2017
BAL HARBOUR TRANS ASPECTS OF EAR	BAL HARBOUR	7/13/2017
AVENTURA TRAFFIC STUDY REVIEW	CITY OF AVENTURA	7/11/2017
CB GROWTH MANAGEMENT PLAN	TOWN OF CUTLER BAY	7/7/2017
PHN2017-24 SP CPH INC AUTO PARTS	CITY OF HOMESTEAD	7/3/2017
PHN2017-25 WAIVER OF PLAT DET	CITY OF HOMESTEAD	7/3/2017
PHN2017-26 SITE PLAN TELECOM	CITY OF HOMESTEAD	7/3/2017
PHN2017-28 MINOR MOD PALM RIDGE	CITY OF HOMESTEAD	7/3/2017
PHN2017-29 SITE PLAN AXIOM	CITY OF HOMESTEAD	7/3/2017
MD TPO BIKE/PED DATA COLLECTION	MIAMI DADE MPO	7/3/2017
SR 826/PALMETTO EXPRESSWAY	FLORIDA DEPT. OF TRANSPORTATION	6/23/2017
MD TPO FIRST/LAST MILE PILOT	MIAMI DADE MPO	6/16/2017
SR 3 HMA OVERLAY MINOR STRUCTURAL	INDIANA DEPT OF TRANSPORTATION	6/16/2017
TDOT - SR 99 FROM CASON LTO SR 96	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/15/2017
OAKLAND PARK PARKING SYSTEM	CITY OF OAKLAND PARK	6/15/2017
CB PETERSON'S SIGN VARIANCE	TOWN OF CUTLER BAY	6/14/2017
CITY OF FTL COMP PLAN CONSULTANT	CITY OF FORT LAUDERDALE	6/14/2017
FISHERS 116 ST CURB SIDEWALK AGREEM	FISHERS ENGINEERING DEPT	6/6/2017
PHN2017-19 SMALLSCALE COMP PLAN AMD	CITY OF HOMESTEAD	5/31/2017
PHN2017-20 BAYWINDS PUD MASTER PLN	CITY OF HOMESTEAD	5/31/2017
PHN2017-21 BAYWINDS POD 1 SITE PLAN	CITY OF HOMESTEAD	5/31/2017
PHN2017-22 SP EXP RALPH'S SALON	CITY OF HOMESTEAD	5/31/2017
PHN2017-23 SP GBX HOMESTEAD 1	CITY OF HOMESTEAD	5/31/2017
TOWN OF MEDLEY TRANSITION PLAN	TOWN OF MEDLEY	5/22/2017
I-69 SECTION 6	HNTB INDIANAPOLIS OFFICE	5/16/2017
C OF HIALEAH-W 76TH ST BTW W 20 AVE	CITY OF HIALEAH	5/10/2017
TDOT - SR 34 ATSR 107	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/5/2017
TDOT - SR 112 FROM SR 12 TO SR 155	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/5/2017
MD TPO SMART PLAN CORRIDOR INVENTOR	MIAMI DADE MPO	5/3/2017
MIAMI GARDENS SA NO.3	REYNOLDS,SMITH & HILLS, INC	5/1/2017
PHN2017-16 WAIVER OF PLAT ANDOVER	CITY OF HOMESTEAD	4/25/2017
PHN2017-17 SITE PLAN ANDOVER	CITY OF HOMESTEAD	4/25/2017
KYTC STATEWIDE MODEL UPDATE	KENTUCKY TRANSPORTATION CABINET	4/13/2017
FDOT4-LOA#01	FLORIDA DEPT. OF TRANSPORTATION	4/10/2017
FDOT4-LOA#02	FLORIDA DEPT. OF TRANSPORTATION	4/10/2017
FDOT4-LOA#03	FLORIDA DEPT. OF TRANSPORTATION	4/10/2017

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Corradino Project Number and Name	Client	Date
PHN 2017-12 SP HOMESTEAD HOSPITALIT	CITY OF HOMESTEAD	4/6/2017
PHN 2017-13 COU HH INC	CITY OF HOMESTEAD	4/6/2017
PHN2017-14 SP STORAGE AMERICA	CITY OF HOMESTEAD	4/6/2017
PHN 2017-15 VARIANCE ANDOVER PROP	CITY OF HOMESTEAD	4/6/2017
I-95-FM#434273-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	4/1/2017
I-95-FM#434273-2-62-01	FLORIDA DEPT. OF TRANSPORTATION	4/1/2017
I-95-FM#438040-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	4/1/2017
I95 STIRLING RD INTERIM IMPROVEMENT	FLORIDA DEPT. OF TRANSPORTATION	3/31/2017
C9C21-TWO#47-FM#435101-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	3/28/2017
PHN 2017-10 SITE PLAN MINOR MOD CP	CITY OF HOMESTEAD	3/22/2017
PHN 2017-11 SPE ORION HOMESTEAD	CITY OF HOMESTEAD	3/22/2017
CIMA-MDX DOLPHIN STA PARK INSP SERV	CIMA ENGINEERING CORP	3/22/2017
CITY OF DORAL VANDERBILT PARK TCS	CITY OF DORAL	3/15/2017
SAFETY STUDY SR 9/SW 2 ST	FLORIDA DEPT. OF TRANSPORTATION	3/14/2017
TWO#41	FLORIDA DEPT. OF TRANSPORTATION	3/14/2017
TWO#42	FLORIDA DEPT. OF TRANSPORTATION	3/14/2017
TWO#46	FLORIDA DEPT. OF TRANSPORTATION	3/14/2017
TWO#47	FLORIDA DEPT. OF TRANSPORTATION	3/14/2017
TWO#48	FLORIDA DEPT. OF TRANSPORTATION	3/14/2017
TWO#49	FLORIDA DEPT. OF TRANSPORTATION	3/14/2017
BAL HARBOUR SHOPS TRAFFIC STUDY	BAL HARBOUR	3/14/2017
CB GROWTH MANAGEMENT PLAN	TOWN OF CUTLER BAY	3/13/2017
C9C21 - TWO#44-FM#425960-4-62-01	FLORIDA DEPT. OF TRANSPORTATION	3/13/2017
TWO#45-FM#432883-2-62-01	FLORIDA DEPT. OF TRANSPORTATION	3/13/2017
KEY BISCAYNE TRAFFIC CALMING	VILLAGE OF KEY BISCAYNE	3/10/2017
RSH-SA#6	REYNOLDS,SMITH & HILLS, INC	3/9/2017
CRUISE ROAD SEGMENT 1	TYLIN-INTERNATIONAL	3/7/2017
AECOM/TURNPIKE MODELING SUPPORT	AECOM TECHNICAL SERVICES, INC	3/6/2017
PEDESTRIAN NEEDS ANALYSIS	CITY OF HOMESTEAD	3/3/2017
VEHICLE DROP OFF ANALYSIS	CITY OF HOMESTEAD	3/3/2017
FDOT6-LOA#07	FLORIDA DEPT. OF TRANSPORTATION	3/1/2017
FDOT6-LOA#08	FLORIDA DEPT. OF TRANSPORTATION	3/1/2017
FDOT6-LOA#09	FLORIDA DEPT. OF TRANSPORTATION	3/1/2017
FDOT6-LOA#10	FLORIDA DEPT. OF TRANSPORTATION	3/1/2017
FDOT6-LOA#12	FLORIDA DEPT. OF TRANSPORTATION	3/1/2017
FDOT6-LOA#15	FLORIDA DEPT. OF TRANSPORTATION	3/1/2017
FDOT6-LOA#20	FLORIDA DEPT. OF TRANSPORTATION	3/1/2017
MD TPO AGING ROAD USERES SSP	MIAMI DADE MPO	2/28/2017
INTERNAL RESOURCE ASSISTANCE	CITY OF FORT LAUDERDALE	2/27/2017
PHN 2017-09 SITE PLAN POPEYE'S	CITY OF HOMESTEAD	2/22/2017
ASPR 2016-51 LENNAR HOMES	CITY OF HOMESTEAD	2/22/2017
PHN 2017-04 TENTATIVE PLAT CORNER	CITY OF HOMESTEAD	2/22/2017
I95 MANGED LANES STUDY	HANSON PROFESSIONAL SERVICES, INC.	2/22/2017
I-70 AUXILIARY LANE CONST IN MARION	INDIANA DEPT OF TRANSPORTATION	2/20/2017
SR 9 OVERLAY IN MADISON COUNTY	INDIANA DEPT OF TRANSPORTATION	2/20/2017
SR 38 PAVEMENT REPLACEMENT HENRY CO	INDIANA DEPT OF TRANSPORTATION	2/20/2017
TWO#45	FLORIDA DEPT. OF TRANSPORTATION	2/17/2017

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Corradino Project Number and Name	Client	Date
CEI SERVICES FOR I-395 GROUP	FLORIDA DEPT. OF TRANSPORTATION	2/17/2017
FLORANADA RD TRAFFIC REVIEW	OAKLAND COUNTY DEPT OF COMMUNITY	2/16/2017
PHN 2017-01 TENTATIVE RE PLAT DOUG	CITY OF HOMESTEAD	2/14/2017
PHN 2017-02 SITE PLAN DOUG LLC	CITY OF HOMESTEAD	2/14/2017
BOLTON PEREZ-FIU PEDESTRIAN BRIDGE	NETWORK ENG/dba/BOLTON PEREZ	2/14/2017
SHARED PATH ON PARKVIEW ISLAND	CITY OF MIAMI BEACH	2/10/2017
KEY BISCAYNE CRANDON TIS	VILLAGE OF KEY BISCAYNE	2/3/2017
KEY BISCAYNE CRANDON TIS	VILLAGE OF KEY BISCAYNE	2/3/2017
KEY BISCAYNE MCINTYRE CONCEP PLANS	VILLAGE OF KEY BISCAYNE	2/3/2017
ON-CALL ARBORIST LANDSCAPE INSP	VILLAGE OF KEY BISCAYNE	2/3/2017
TWO#04-C9M72-FM#23043196201	JOHNSON, MIRMIRAN & THOMPSON, INC	1/25/2017
JMT-FM#43473316201	JOHNSON, MIRMIRAN & THOMPSON, INC	1/25/2017
PARK AND RIDE ELASTICITY STUDY	CITY OF HOMESTEAD	1/19/2017
FTL #3 FINANCIAL PARKING ANALYSIS	CITY OF FORT LAUDERDALE	1/19/2017
TDOT-DIAGNOSTIC TEAM REVIEW	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/18/2017
TDOT-DTR	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/18/2017
TDOT-DTR	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/18/2017
VG- ANNEXATION REPORT UPDATE	21848 - VILLAGE OF VIRGINIA GARDENS	1/17/2017
PHN 2016-50 MIN MOD CRYSTAL LAKE	CITY OF HOMESTEAD	1/3/2017
PHN 2017-05 SITE PLAN CORNER INVEST	CITY OF HOMESTEAD	1/3/2017
KEY BISCAYNE TRAFFIC CALMING	VILLAGE OF KEY BISCAYNE	1/3/2017
OFFICE FATAL CRASH REVIEW	CHOICE ENGINEERING CONSULTANTS	1/3/2017
INDOT-ON CALL TRAFFIC CAPACITY SAFE	INDIANA DEPT OF TRANSPORTATION	1/1/2017
PHN 2016-49 ASOR MIN MOD PALM BREEZ	CITY OF HOMESTEAD	12/14/2016
PLANNING SUPPORT FOR ACQ OF ROW	WEISS SEROTA HELFMAN PASTORIZA GUED	12/14/2016
INDIANA STATEWIDE TRAVEL DEMAND MOD	CAMBRIDGE SYSTEMATICS, INC	12/12/2016
NM - NoMi EXPRESS ROUTES, CON, TECH	CITY OF NORTH MIAMI	12/5/2016
VG - EAR BASED AMDEND TO COMP PLAN	21848 - VILLAGE OF VIRGINIA GARDENS	12/5/2016
PHN 2016-42 COU HOMESTEAD HOLDINGS	CITY OF HOMESTEAD	11/22/2016
PHN 2016-43 SP MOD LENNAR HOMES	CITY OF HOMESTEAD	11/22/2016
PHN 2016-44 T-PLAT LEGACY PRM SOUTH	CITY OF HOMESTEAD	11/22/2016
PHN 2016-45 SIT PLAN LGC PRM SOUTH	CITY OF HOMESTEAD	11/22/2016
PHN 2016-13 RePlat Final Plat H H	CITY OF HOMESTEAD	11/22/2016
PHN 2016-46 RE PLAT TRACT C	CITY OF HOMESTEAD	11/22/2016
PHN 2016-47 SITE PLAN TOWN VILLAS	CITY OF HOMESTEAD	11/22/2016
PHN 2016-48 TENTATIVE REPLAT SILVER	CITY OF HOMESTEAD	11/22/2016
ARCH REVIEW OF PROPOSALS	CITY OF HOMESTEAD	11/2/2016
TWO#41	FLORIDA DEPT. OF TRANSPORTATION	11/2/2016
INDY DPW CEI RAILROAD IMPACT ATTENU	CITY OF INDIANAPOLIS	11/1/2016
COFMB-TRANS BIKE PATH-EUCLID AVE	CITY OF MIAMI BEACH	11/1/2016
FISHERS ENG-PROF SERVICES	FISHERS ENGINEERING DEPT	10/28/2016
NMB- TIS & CONCURRENCY PEER REVIEW	CITY OF NORTH MIAMI BEACH	10/25/2016
SR-111 AT INTERSTATE 40	TENNESSEE DEPARTMENT OF TRANSPORTAT	10/25/2016
BIRD AVE RDWY IMP-POST DESIGN SERV	CITY OF MIAMI	10/24/2016
2017 GIS	CITY OF HOMESTEAD	10/20/2016
2017 PROF ZONING ASSISTANCE	CITY OF HOMESTEAD	10/20/2016
2017 PROF PLANNING ASSITANCE	CITY OF HOMESTEAD	10/20/2016

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Corradino Project Number and Name	Client	Date
2017 COUNTER/CUSTOMER SERV	CITY OF HOMESTEAD	10/20/2016
2017 GENERAL ASSITANCE	CITY OF HOMESTEAD	10/20/2016
2017 INTER DEPT ASSISTANCE	CITY OF HOMESTEAD	10/20/2016
2017 INNER DEPT ASSISTANCE	CITY OF HOMESTEAD	10/20/2016
2017 SPECIAL PROJECTS	CITY OF HOMESTEAD	10/20/2016
CRASH DATA CLEANUP FOR FEDERAL PER	CITY OF INDIANAPOLIS	10/16/2016
ASPR 2016-37 MINOR MOD PEBBLEBROOK	CITY OF HOMESTEAD	10/14/2016
PHN 2016-40 REZONE G TO R-3 SWIND	CITY OF HOMESTEAD	10/14/2016
PHN 2016-39 SP MAJOR MOD TT	CITY OF HOMESTEAD	10/14/2016
PHN 2016-38 SE MAJOR MOD TT	CITY OF HOMESTEAD	10/14/2016
PHN 2016-41 SP TEN ACRES LLC	CITY OF HOMESTEAD	10/14/2016
C9C21-TWO#43-FM#432349-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	10/13/2016
CB COMPLETE STREETS IMP PLAN	TOWN OF CUTLER BAY	10/12/2016
FDOT D4 TCRPM TWO12	FLORIDA DEPT. OF TRANSPORTATION	10/12/2016
FDOT-MODEL TECH MPO ASSISTANCE	FLORIDA DEPT. OF TRANSPORTATION	10/12/2016
MODEL TECH SUPPORT MPO DATA	FLORIDA DEPT. OF TRANSPORTATION	10/12/2016
METRO APARTMENTS TIS	CITY OF FORT LAUDERDALE	10/12/2016
FTL FINANCIAL ANALYSIS @ 216 SE 6TH	CITY OF FORT LAUDERDALE	10/10/2016
DISTWIDE CONST REVIEWS	FLORIDA DEPT. OF TRANSPORTATION	10/1/2016
SR 267AT I-65 INTERCHANGE IJ & NEPA	HNTB INDIANAPOLIS OFFICE	10/1/2016
C9C21-TWO#42-FM3432790-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	9/30/2016
PHN 2016-36 SITE PLAN PLAZA LLC	CITY OF HOMESTEAD	9/29/2016
MCINTYRE STREET CLOSURE TIS	VILLAGE OF KEY BISCAYNE	9/29/2016
MCINTYRE STREET CLOSURE HRLY WORK	VILLAGE OF KEY BISCAYNE	9/29/2016
PALMETTO BAY DATA COLLECTION	VILLAGE OF PALMETTO BAY	9/27/2016
PD&E SERVICES FOR SR-9/I95	FLORIDA DEPT. OF TRANSPORTATION	9/26/2016
TRI-COUNTY TRANSIT NEEDS	TRI-COUNTY REGIONAL PLANNING COMM	9/22/2016
CB BURLINGTON SIGN VARIANCE	TOWN OF CUTLER BAY	9/14/2016
CB HARLY DAVIDSON SIGN VARIANCE	TOWN OF CUTLER BAY	9/14/2016
HOLIDAY INN TRAFFIC IMPACT STUDY	CITY OF FORT LAUDERDALE	9/13/2016
PHN 2016-35 T-PLAT CONNOR & GASKINS	CITY OF HOMESTEAD	9/1/2016
FLAGLER STREET NW 32 AVE FLD REVIEW	FLORIDA DEPT. OF TRANSPORTATION	9/1/2016
BIRD RD HISTORIC DESIGNATION MEMO	FLORIDA DEPT. OF TRANSPORTATION	9/1/2016
PHN 2016-27 PUBLIC ART TOWNPLACE	CITY OF HOMESTEAD	8/18/2016
PHN 2016-33 NOSTRUM MEDICAL CENTER	CITY OF HOMESTEAD	8/18/2016
LRZC TIS	SABAK WILSON & LINGO INC	8/11/2016
SR-73 FROM SIMPSON ST TO SR-2	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/11/2016
SR-1 INTERSECTION	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/10/2016
SW 5TH ST WM 8 INCH	CITY OF MIAMI	8/8/2016
DS INTERNAL DEPT ADMIN	CITY OF HOMESTEAD	8/3/2016
U OF M-MASTER PLAN	UNIVERSITY OF MIAMI	8/1/2016
MPO IMPACT OF FUTURE TECHNOLOGY	MIAMI DADE MPO	7/26/2016
OAKLAND PARK	OAKLAND COUNTY DEPT OF COMMUNITY	7/26/2016
TDOT-KIRBY AVE DESIGN	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/25/2016
TDOT-INTERSECTION	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/25/2016
C9N34- TWO#06-433207.1	TARGET ENGINEERING GROUP INC	7/20/2016
TRAFFIC CALMING SW 19 AVE 14 TERR	CITY OF MIAMI	7/12/2016

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Corradino Project Number and Name	Client	Date
ALEX DAVID NMB LEVELS RECOVERY	ALEX DAVID AND ASSOCIATES	7/7/2016
MDCPS PROFESSIONAL PLANNING SERVICE	MIAMI DADE COUNTY PUBLIC SCHOOLS	7/7/2016
CITY OF NMB-SHUTTLE EXPANSION	CITY OF NORTH MIAMI BEACH	7/6/2016
FDOT6-LOA#20	FLORIDA DEPT. OF TRANSPORTATION	7/1/2016
FDOT6-LOA#21	FLORIDA DEPT. OF TRANSPORTATION	7/1/2016
C9365-TWO#19	TARGET ENGINEERING GROUP INC	7/1/2016
void should be 4279*02 no charges	21848 - VILLAGE OF VIRGINIA GARDENS	6/30/2016
VILLAGE OF VIRGINIA GARDENS	21848 - VILLAGE OF VIRGINIA GARDENS	6/30/2016
MIAMI GARDENS DRIVE PLANNING CORRID	REYNOLDS,SMITH & HILLS, INC	6/27/2016
MIAMI GARDENS-PHASE II	REYNOLDS,SMITH & HILLS, INC	6/27/2016
LRZC MINORS LANE	SABAK WILSON & LINGO INC	6/23/2016
ALEX DAVID NMB SLAM CHARTERS	ALEX DAVID AND ASSOCIATES	6/23/2016
KYTC SYP TRAVEL TIME ANALYSIS	KENTUCKY TRANSPORTATION CABINET	6/23/2016
KYTC STATEWIDE MODEL UPDATE FOR ECO	KENTUCKY TRANSPORTATION CABINET	6/23/2016
KYSTMv18 UPDATE PHASE I	KENTUCKY TRANSPORTATION CABINET	6/23/2016
KEITH & ASSOC-FLL NW 10 ST TEMP ACC	KEITH AND ASSOCIATES, INC.	6/22/2016
CROSSWALK SIGNALIZATION,LIGHTING TE	KEITH AND ASSOCIATES, INC.	6/22/2016
BSO/BCAD PARKING IMPROVEMENTS	KEITH AND ASSOCIATES, INC.	6/22/2016
ASPR 2016-21 BAYWINDS POD H	CITY OF HOMESTEAD	6/8/2016
ASPR 2015-20 BAYWINDS POD D	CITY OF HOMESTEAD	6/8/2016
PHN 2016-23 SITE PLAN DUNHAM-BUSH	CITY OF HOMESTEAD	6/8/2016
PHN 2016-22 VARIANCE DUNHAM-BUSH	CITY OF HOMESTEAD	6/8/2016
ASPR 2016-24 MINOR MOD FOR PARKING	CITY OF HOMESTEAD	6/8/2016
ASPR 2016-26 MINOR MOD 15 HOMESTEAD	CITY OF HOMESTEAD	6/8/2016
C9C21-TWO#39-FM#432790-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	5/31/2016
KEY BISCAYNE ADA SELF ASSMNT& TRANS	VILLAGE OF KEY BISCAYNE	5/27/2016
INDOT-TFT-W.O.#01	INDIANA DEPT OF TRANSPORTATION	5/26/2016
AQPP	INDIANA DEPT OF TRANSPORTATION	5/26/2016
FT. LAUDERDALE DRIC MISC SUPPORT	CITY OF FORT LAUDERDALE	5/25/2016
PD&E STUDY WIDENING SAWGRASS	FLORIDA DEPT. OF TRANSPORTATION	5/20/2016
TRAFFIC CALMING REPAIR	VILLAGE OF KEY BISCAYNE	5/20/2016
COCONUT GROVE BID IMPROVEMENTS	COCONUT GROVE BUSINESS IMP	5/16/2016
C9C21-TWO#38-FN#435122-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	5/13/2016
PHN2016-17 NVR, INC. (PALM RIDGE G)	CITY OF HOMESTEAD	5/10/2016
PHN2016-16 CONSOLIDATED WINGS INV	CITY OF HOMESTEAD	5/10/2016
PHN2016-13 CN HOTELS, INC RE-PLAT	CITY OF HOMESTEAD	5/10/2016
PHN2016-12 INTERPOL LAND DEVELOPMEN	CITY OF HOMESTEAD	5/10/2016
BELL DAVID NMB CANOPIES TISPR	BELL DAVID PLANNING GROUP	5/3/2016
BELL DAVID NMB SOCCER DEVELOPMENT	BELL DAVID PLANNING GROUP	5/3/2016
FDOT6-LOA#18	FLORIDA DEPT. OF TRANSPORTATION	5/1/2016
FDOT6-LOA#19	FLORIDA DEPT. OF TRANSPORTATION	5/1/2016
JMT-CEI SERV BRIDGE DESK REPLACEMEN	JOHNSON, MIRMIRAN & THOMPSON, INC	4/29/2016
BELL DAVID NMB ABC TMSPR	BELL DAVID PLANNING GROUP	4/26/2016
DATA COLLECTION	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR 9/SW 27	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR 90/SW 8	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR 826/NE 167	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016

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SAFETY STUDY SR 973/SW87	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR 973/SW 87	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR 916/NE 135 ST	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR25/NW 36ST	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR953/LEJUNE RD	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR 932/SR 985	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR 826/PALM	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
SAFETY STUDY SR932/SR985	FLORIDA DEPT. OF TRANSPORTATION	4/26/2016
DORAL SCHOOL TMS	JSA Group Inc., Julio Sanchez R.A.	4/26/2016
HIGHLAND OAKS SHS FIELD REVIEW	JSA Group Inc., Julio Sanchez R.A.	4/21/2016
S.A#2-PLANNING STUDY I-295 WEST	FLORIDA DEPT. OF TRANSPORTATION	4/20/2016
SA#3	FLORIDA DEPT. OF TRANSPORTATION	4/20/2016
FPL - TMC TMSPR	CITY OF MIAMI GARDENS	4/18/2016
INDOT US 41 INTER IMP KNOX	INDIANA DEPT OF TRANSPORTATION	4/14/2016
C9C21-TWO#36-	FLORIDA DEPT. OF TRANSPORTATION	4/8/2016
PALM GROVE RDWAY IMP	CITY OF MIAMI	4/1/2016
SR 9/I-95 MAINLINE MNGMNT LANES MAS	AECOM TECHNICAL SERVICES, INC	3/23/2016
CO#02-MANAGED LANES	AECOM TECHNICAL SERVICES, INC	3/23/2016
CO#03-I-95 MANAGED LANES MASTER	AECOM TECHNICAL SERVICES, INC	3/23/2016
CITY OF DORAL EXPERT WITNESS	CITY OF DORAL	3/22/2016
TRANSIT PD&EFORECASTS-TWO#11/TWO#15	C H PEREZ & ASSOCIATES	3/17/2016
I-75 PD&E STUDY	C H PEREZ & ASSOCIATES	3/17/2016
MODELING TECH SUPPORT	C H PEREZ & ASSOCIATES	3/17/2016
PHN 2016-11 FINAL PLAT 33033	CITY OF HOMESTEAD	3/15/2016
MRG-COMM PROG & SPECIAL PROJECTS	MEDIA RELATIONS GROUP, LLC	2/29/2016
MRG-AGGRESSIVE DRIVING	MEDIA RELATIONS GROUP, LLC	2/29/2016
MRG-WALK WISE	MEDIA RELATIONS GROUP, LLC	2/29/2016
MRG-DISTRACTED DRIVING	MEDIA RELATIONS GROUP, LLC	2/29/2016
INDOT US 136 BROWNSBURG	INDIANA DEPT OF TRANSPORTATION	2/28/2016
INDOT US 421 BOONE COUNTY	INDIANA DEPT OF TRANSPORTATION	2/28/2016
INDOT US 421 CLINTON COUNTY	INDIANA DEPT OF TRANSPORTATION	2/28/2016
INDOT US 40 HENDRICKS COUNTY	INDIANA DEPT OF TRANSPORTATION	2/28/2016
INDOT US 40 PUTNAM COUNTY	INDIANA DEPT OF TRANSPORTATION	2/28/2016
W.O.#107	FLORIDA DEPT. OF TRANSPORTATION	2/25/2016
W.O.#109	FLORIDA DEPT. OF TRANSPORTATION	2/25/2016
TWO#112	FLORIDA DEPT. OF TRANSPORTATION	2/25/2016
NORMAN S. EDELCUP K-8	JSA Group Inc., Julio Sanchez R.A.	2/24/2016
ASPR 2016-01 MINOR MOD SPORTS CAR	CITY OF HOMESTEAD	2/18/2016
PHN 2016-02 REZONE AU TO B2 OF LUCY	CITY OF HOMESTEAD	2/18/2016
PHN 2016-03 SITE PLAN EXTEN TREO	CITY OF HOMESTEAD	2/18/2016
PHN 2016-04 WOFPLAT ADRIAN M	CITY OF HOMESTEAD	2/18/2016
PHN 2016-05 AG USE 10 ACRES LLC	CITY OF HOMESTEAD	2/18/2016
PHN 2016-06 AG USE KEYS GATE TRUST	CITY OF HOMESTEAD	2/18/2016
PHN 2016-07 AG USE DOUG LLC	CITY OF HOMESTEAD	2/18/2016
PHN 2016-08 VARIANCE TT LUCY	CITY OF HOMESTEAD	2/18/2016
PHN 2016-09 SITE PLAN TT LUCY	CITY OF HOMESTEAD	2/18/2016
PHN 2016-10 SPECIAL EXP TT LUCY	CITY OF HOMESTEAD	2/18/2016

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Corradino Project Number and Name	Client	Date
I69 SIU#7 CONSTRUCTION REEVALUATION	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/17/2016
ARCADIS-US 17 PD&E STUDY	ARCADIS U.S., INC.	2/17/2016
C OF HIALEAH-W 28TH AVE SIDEWALK	CITY OF HIALEAH	2/12/2016
PALMETTO BAY WSP	VILLAGE OF PALMETTO BAY	2/11/2016
PALMETTO BAY OLD CUTLER	VILLAGE OF PALMETTO BAY	2/11/2016
TDOT - DTR COWAN LOOP AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT - DTR BIG CREEK CHURCH RD AT C	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR LAMB RD AT CSX RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR CENTRALIA RD AT CSX RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR ROZELLE ST AT BNSF RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR COOPER RD AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR BYHALIA RD AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR OAK MANOR DR AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR KIRBY PKY AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR SEMMES ST AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
TDOT-DTR RIVERPORT RD AT CNIC RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/11/2016
FDOT D4 TCRPM TWO 10	FLORIDA DEPT. OF TRANSPORTATION	2/10/2016
FDOT D4 TCRPM TWO11	FLORIDA DEPT. OF TRANSPORTATION	2/10/2016
SOUTH MIAMI OFFICE BDLG TISPR	CITY OF SOUTH MIAMI	2/9/2016
C9C21-TWO#33-FIN#229833-8-62-01	FLORIDA DEPT. OF TRANSPORTATION	2/9/2016
AECOM/TURNPIKE MODELING SUPPORT	AECOM TECHNICAL SERVICES, INC	2/9/2016
DORAL -TMPU 2015	CITY OF DORAL	2/8/2016
MPO PUBLIC-PRIVATE PARTNERSHIP	MIAMI DADE MPO	2/5/2016
FT. LAUDERDALE FLAGLER HOTEL TIS	CITY OF FORT LAUDERDALE	2/5/2016
CB CLIMATE CHANGE ELEMENT	TOWN OF CUTLER BAY	2/4/2016
DOWNTOWN HOMESTEAD LINK ANALYSIS	CITY OF HOMESTEAD	2/4/2016
C OF M-TWO#5-SW 5 ST FROM SW 27 AV	CITY OF MIAMI	2/4/2016
COCONUT GROVE PHASE II IMP GRAND AV	CITY OF MIAMI	2/4/2016
SUNNY ISLE ANNEX BUIDING TIS	CITY OF SUNNY ISLES BEACH	2/4/2016
DORAL SCHOOL TMP PEER REVIEW	JSA Group Inc., Julio Sanchez R.A.	2/4/2016
INDOT-SOUTHEASTERN AVE RESURFACING	INDIANAPOLIS DEPT OF PUBLIC WORKS	2/2/2016
FT. Lauderdale Live Galleria TMSPR	CITY OF FORT LAUDERDALE	2/2/2016
NMB DAY CARE CENTER TMS PR	BELL DAVID PLANNING GROUP	1/28/2016
BELL DAVID VARADERO 11801 COLLINS	BELL DAVID PLANNING GROUP	1/28/2016
SR934/NW 79ST FROM E 5 AVE	FLORIDA DEPT. OF TRANSPORTATION	1/26/2016
SR989/SW 112 AVE FROM TURNPIKE	FLORIDA DEPT. OF TRANSPORTATION	1/26/2016
PHN 2015-76 WAIVEROFPLAT TT	CITY OF HOMESTEAD	1/22/2016
PHN 2015-74 REZONINGBELLO SITE 2	CITY OF HOMESTEAD	1/22/2016
REVIEW RFP FRO I-395	FLORIDA DEPT. OF TRANSPORTATION	1/22/2016
TRIAD FREIGHT MODEL	CLEARBOX FORECAST GROUP, PLLC	1/19/2016
C OF HALLANDALE - MOBILITYSTUDY2016	CITY OF HALLANDALE BEACH	1/13/2016
C OF HALLANCDALE BCH-GEN PLANN SERV	CITY OF HALLANDALE BEACH	1/13/2016
MPO EVALUATION OF MULTIMODAL OPTION	MIAMI DADE MPO	1/12/2016
MPO AVENTURA	MIAMI DADE MPO	1/12/2016
MIA-SATELLITE E CIS	MIAMI DADE AVIATION DEPARTMENT	1/11/2016
C9M77-TWO#01-FM#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	1/8/2016
C9M77-TWO#02-FN#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	1/8/2016

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Corradino Project Number and Name	Client	Date
C9M77-TWO#03-FN#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	1/8/2016
C9M77-TWO#04-FN#431199-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	1/8/2016
C9M77-TWO#06-FN#43234-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	1/8/2016
CITY OF DORAL TMP UPDATE 2015	CITY OF DORAL	1/1/2016
FDOT6-LOA#16	FLORIDA DEPT. OF TRANSPORTATION	1/1/2016
FDOT6-LOA#17	FLORIDA DEPT. OF TRANSPORTATION	1/1/2016
TWO#31	FLORIDA DEPT. OF TRANSPORTATION	12/28/2015
C9C21-TWO#34	FLORIDA DEPT. OF TRANSPORTATION	12/28/2015
SR826/PALMETTO EXPRESSWAY POST DESI	FLORIDA DEPT. OF TRANSPORTATION	12/22/2015
SR826/PALMETTO EXP POST DESIGN SERV	FLORIDA DEPT. OF TRANSPORTATION	12/22/2015
SR997/KROME AVE	FLORIDA DEPT. OF TRANSPORTATION	12/22/2015
EMBEDDED STAFF IN TDOT ENVIR	TENNESSEE DEPARTMENT OF TRANSPORTAT	12/14/2015
CITY OF DORAL-2015 TRANS MASTER PLA	CITY OF DORAL	12/9/2015
AV 2015-73 SIDE SETBACK NORMAN WOOD	CITY OF HOMESTEAD	12/8/2015
PHN 2015-72 ELIZABETH BELLO	CITY OF HOMESTEAD	12/8/2015
PHN 2015-75 SP 33030(SUNNLY LEA)	CITY OF HOMESTEAD	12/8/2015
INDOT - I-69 CEI IN HAMILTON COUNTY	INDOT GREENFIELD DISTRICT	12/8/2015
PHN2015-68 COU IFRA N.BROTHERS	CITY OF HOMESTEAD	12/2/2015
ASPR 2015-70 VENTANAS AT HOMESTEAD	CITY OF HOMESTEAD	12/2/2015
PHN2015-66 COU AB CORP OF HOMESTEAD	CITY OF HOMESTEAD	12/2/2015
TRAVEL MODELING I-74/BRIGHT CORRIDO	AECOM TECHNICAL SERVICES, INC	12/2/2015
TDOT - DTR SOMERVILLE ST.AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	12/1/2015
TDOT - DTR SR 79 AT TKEN RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	12/1/2015
ON-CALL TRAVEL DEMAND SUPPORT SERVI	RICHMOND REGIONAL PLANNING DIST COM	11/24/2015
TRAVEL DEMAND MODEL APPLICATIONS	RICHMOND REGIONAL PLANNING DIST COM	11/24/2015
RRTPO-ON CALL MODELING SUPPORT CONT	RICHMOND REGIONAL PLANNING DIST COM	11/24/2015
CREATIVE ENG-TWO#20	CREATIVE ENGINEERING GROUP, INC	11/23/2015
SUNN ISLES BEACH TSP	BELL DAVID PLANNING GROUP	11/18/2015
JACKSON HEALTH SOUTH SSES	JACKSON HEALTH SYSTEM	11/13/2015
CITY OF MIAMI	CITY OF MIAMI	11/12/2015
MT. JULIET - CIVIL SITE COMM	CITY OF MT. JULIET	11/9/2015
MT. JULIET - STARBUCKS ANALYSIS	CITY OF MT. JULIET	11/6/2015
PHN 2015-63 SITE PLAN 33033 REALITY	CITY OF HOMESTEAD	11/3/2015
URS-TWO#3-432687-1-62-07	URS CORPORATION SOUTHERN	11/1/2015
URS-TWO#04-432687-1-62-07	URS CORPORATION SOUTHERN	11/1/2015
GANNETT FLEMING	FLORIDA DEPT. OF TRANSPORTATION	10/26/2015
BAL HARBOUR OPEN SPACE STUDY	BAL HARBOUR	10/26/2015
W.O.#103	FLORIDA DEPT. OF TRANSPORTATION	10/25/2015
W.O.#106	FLORIDA DEPT. OF TRANSPORTATION	10/25/2015
TDOT - SR 257 AT SR 49 SIGNAL WILSO	TENNESSEE DEPARTMENT OF TRANSPORTAT	10/21/2015
HOMESTEAD CRS 2015-2016	CITY OF HOMESTEAD	10/20/2015
HOMESTEAD ZONING ASSISTANCE	CITY OF HOMESTEAD	10/20/2015
HOMESTEAD PLANNING ASSISTANCE	CITY OF HOMESTEAD	10/20/2015
HOMESTEAD COUNTER SERVICE	CITY OF HOMESTEAD	10/20/2015
GENERAL PLANNING SUPPORT	CITY OF HOMESTEAD	10/20/2015
HOMESTEAD PLANNING RESEARCH	CITY OF HOMESTEAD	10/20/2015
SPECIAL PROJECTS	CITY OF HOMESTEAD	10/16/2015

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Corradino Project Number and Name	Client	Date
PHN2015-61 RT AUOT LLC	CITY OF HOMESTEAD	10/16/2015
PHN2015-60 VARIANCE RT AUTO	CITY OF HOMESTEAD	10/16/2015
ASPR 2015-59 PMG ASSET SERVICES	CITY OF HOMESTEAD	10/16/2015
PHN 2015-69 NOSTURM MED CENTER LLC	CITY OF HOMESTEAD	10/16/2015
BECK ROAD CORRIDOR STUDY	CITY OF NOVI	10/16/2015
TRAFFIC STUDY HARBOUR BD	BELL DAVID PLANNING GROUP	10/15/2015
TIA READ CAPITAL BD	BELL DAVID PLANNING GROUP	10/15/2015
RIVERWALK NMB BD	BELL DAVID PLANNING GROUP	10/15/2015
CAMBRIA BD	BELL DAVID PLANNING GROUP	10/15/2015
ACQUA TRAFFIC IMPACT STUDY	BELL DAVID PLANNING GROUP	10/15/2015
SM STREETS POLICY & DESIGN	CITY OF SOUTH MIAMI	10/15/2015
KIMLEYHORN-SERPM7	KIMLEY-HORN & ASSOCIATES	10/15/2015
KIMLEYHORN-TCRPM 2040 NETWORK CODIN	KIMLEY-HORN & ASSOCIATES	10/15/2015
KIMLEYHORN-SERPM 7 HGWY TRANSIT COR	KIMLEY-HORN & ASSOCIATES	10/15/2015
CITY OF MIAMI GARDENS-DUNKIN DONUTS	CITY OF MIAMI GARDENS	10/14/2015
TDOT - SR 24 AT PARK GLEN DR SIGNAL	TENNESSEE DEPARTMENT OF TRANSPORTAT	10/6/2015
TDOT - SR 5 AT JACKSO ST. OBION CO.	TENNESSEE DEPARTMENT OF TRANSPORTAT	10/6/2015
2015-52 PUD MASTER PLAN AMENDMENT	CITY OF HOMESTEAD	10/2/2015
2015-53 T-PLAT SOLERA C/O WAYNE ROS	CITY OF HOMESTEAD	10/2/2015
PHN 2015-54 SP SOLERA C/O WAYNE	CITY OF HOMESTEAD	10/2/2015
2015-55 VARIANCE LUCY STREET COMMER	CITY OF HOMESTEAD	10/2/2015
PHN 2015-56 REZONING RT AUTOMOTIVE	CITY OF HOMESTEAD	10/2/2015
PHN 2015-57 SITE PLAN RT AUTOMOTIVE	CITY OF HOMESTEAD	10/2/2015
PHN 2015-58 COU EQUITAS MNGMNT G	CITY OF HOMESTEAD	10/2/2015
C OF HALLADALE-GP 2015-2016	CITY OF HALLANDALE	10/1/2015
W.O.#17	FLORIDA DEPT. OF TRANSPORTATION	10/1/2015
KEY BISCAYNE CIVIC CENTER	VILLAGE OF KEY BISCAYNE	9/30/2015
TDOT - SR 7 AT SR 15 LIGHTING	TENNESSEE DEPARTMENT OF TRANSPORTAT	9/29/2015
FDOT D4 TCRPM TWO 9	FLORIDA DEPT. OF TRANSPORTATION	9/25/2015
EXPERT WITNESS HIALEAH	CITY OF HIALEAH	9/21/2015
INDOT US 50 SM STR REPLACE	INDIANA DEPT OF TRANSPORTATION	9/18/2015
INDOT SR 60 SM STR REPLACE	INDIANA DEPT OF TRANSPORTATION	9/18/2015
PALMETTO BAY URBAN VILLAGE	VILLAGE OF PALMETTO BAY	9/3/2015
PALMETTO BAY PR BMW	VILLAGE OF PALMETTO BAY	9/3/2015
GENESEE MODEL UPDATE	GENESEE COUNTY PURCHASING OFFICE	9/3/2015
23 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
24 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
25 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
26 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
27 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
28 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
29 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
30 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
31 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
32 - CAB	FLORIDA DEPT. OF TRANSPORTATION	8/31/2015
CITY INITATED BUSYWAY INTERMODAL	CITY OF HOMESTEAD	8/28/2015
TDOT-DTR BUCHANAN AVE. NE AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/26/2015

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Corradino Project Number and Name	Client	Date
PHN 2015-45 Variane TT of Homestead	CITY OF HOMESTEAD	8/25/2015
PHN 2015-46 SP EXCEPTION TT	CITY OF HOMESTEAD	8/25/2015
PHN 2015-44 SITE PLAN DEALERSHIP	CITY OF HOMESTEAD	8/25/2015
PHN 2014-47 REGINA M. DEAN SETBACK	CITY OF HOMESTEAD	8/25/2015
PHN 2015-43 FINAL PLAT NEW PORT DEV	CITY OF HOMESTEAD	8/25/2015
PHN 2015-48 SITE PLAN EQUITAS	CITY OF HOMESTEAD	8/25/2015
PHN 2015-49 SPEXPTION EQUITAS	CITY OF HOMESTEAD	8/25/2015
PHN 2015-51 TPLAT CONNOR GASKINS	CITY OF HOMESTEAD	8/25/2015
PHN 2015-50 SITE PLAN CONNOR GASKIN	CITY OF HOMESTEAD	8/25/2015
SM FLUM ELEMENT AMENDMENT	CITY OF SOUTH MIAMI	8/25/2015
DEERING ESTATES FOUNDATION	DEERING ESTATE FOUNDATION, INC.	8/25/2015
COCONUT GROVE BID IMP-PHASEII	CITY OF MIAMI	8/21/2015
92 AVENUE EXTENSION	MARLIN ENGINEERING	8/19/2015
HEERY - PROGRAM MANAGER OWNER'S REP	HEERY INTERNATIONAL, INC	8/18/2015
C9K47-FM#422641-3-62-01	CREATIVE ENGINEERING GROUP, INC	8/15/2015
CITY OF MIAMI-S.MIAMI CT SW 27 RD	CITY OF MIAMI	8/14/2015
MACON RD WIDENING - NOISE ANALYSIS	W.H. PORTER CONSULTANTS, PLLC	8/13/2015
HOUSTON LEVEE ROAD - NOISE ANALYSIS	W.H. PORTER CONSULTANTS, PLLC	8/13/2015
FATAL CRASH REVIEWS-MULT LOCATION	FLORIDA DEPT. OF TRANSPORTATION	8/11/2015
QA SR826/NE 163 ST NE 15 AVE	FLORIDA DEPT. OF TRANSPORTATION	8/11/2015
SAFETY STUDY SR 860 & SR7	FLORIDA DEPT. OF TRANSPORTATION	8/11/2015
SAFETY STUDY SR 989 (SW 211 ST TO S	FLORIDA DEPT. OF TRANSPORTATION	8/11/2015
SAFETY STUDY SR7(NW 175 ST TO NW 17	FLORIDA DEPT. OF TRANSPORTATION	8/11/2015
SAFETY STUDY SR 90 ST W SW 137AVE	FLORIDA DEPT. OF TRANSPORTATION	8/11/2015
SAFETY STUDY SR5 FROM SOUTH OF SW 1	FLORIDA DEPT. OF TRANSPORTATION	8/11/2015
TCRPC - WORK ORDER #02	TRI-COUNTY REGIONAL PLANNING COMM	8/7/2015
TCG-C9C31 39 FIN43400416201	TARGET ENGINEERING GROUP INC	8/4/2015
TCG-C9C31 40 FIN43400516201	TARGET ENGINEERING GROUP INC	8/4/2015
TCG-C9C31 44 FIN 43654216201	TARGET ENGINEERING GROUP INC	8/4/2015
CITY OF NMB-LINE SHUTTLE COMPREHENS	CITY OF NORTH MIAMI BEACH	7/29/2015
KIMLEYHORN-SE FL ABM IMP	KIMLEY-HORN & ASSOCIATES	7/27/2015
PHN2015-40 AV FENCE JACKSON FAMILY	CITY OF HOMESTEAD	7/22/2015
PHN 2015-39 CERT OF USE BEER AND WI	CITY OF HOMESTEAD	7/22/2015
PHN 2015-38 SITE PLAN PAINT WEATHER	CITY OF HOMESTEAD	7/22/2015
PH2015-41 TREO KINGMAN ROW CLOSURE	CITY OF HOMESTEAD	7/22/2015
AV2015-42 ADMIN VARIANCE REAR SETBK	CITY OF HOMESTEAD	7/22/2015
TDOT-DTR MOUNTAIN SIDE LN AT CSX RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT-DTR HENSON RD AT CSX RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - DTR SEXTON LN AT CSX RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - BURRIS CEMETERY RD AT CSX RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - DTR BUSH RD AT CSX RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - DTR DOYLE ST.AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - DTR SIMS RD SW AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - DTR MOUNT OLIVE RD AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - DTR GOFF RD AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - DTR BROWN DR AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015
TDOT - DTR RUDDER RD AT NS RR	TENNESSEE DEPARTMENT OF TRANSPORTAT	7/22/2015

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Corradino Project Number and Name	Client	Date
URS-SUPPORT SPECIALIST DIST CONS OF	URS CORPORATION SOUTHERN	7/22/2015
TWO#13SR9997/KROME	FLORIDA DEPT. OF TRANSPORTATION	7/9/2015
C OF HIALEAH - WEST 68TH STREET	CITY OF HIALEAH	7/4/2015
LRAA - FY 2016	LOU/JEFF CO AIRPORT AUTHORITY	7/1/2015
PHN 2015-37 FINAL PLAT POD C BAYWIN	CITY OF HOMESTEAD	7/1/2015
PHN 2015-34 FINAL RE-PLAT GARDENS S	CITY OF HOMESTEAD	7/1/2015
MDWASDA PS 1068	MIAMI DADE WATER & SEWER DEPT	6/30/2015
MDWASDA PS 0147	MIAMI DADE WATER & SEWER DEPT	6/30/2015
URS AUTH 9 FL TURNPIKE TRAFFIC ENG	URS CORPORATION SOUTHERN	6/29/2015
TAMAYO-CROSSTOWN	TAMAYO ENGINEERING	6/26/2015
709 Alton Rd Medical	MOUNT SINAI MEDICAL CENTER	6/16/2015
SMPH 2015-05 UNITY OF TITLE	CITY OF SOUTH MIAMI	6/16/2015
KROME-FM#24961586201	TAMAYO ENGINEERING	6/16/2015
KROME-FM#24961576201	TAMAYO ENGINEERING	6/16/2015
FN#435299-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	6/15/2015
TWO#27-FN#434723-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	6/15/2015
W.O.#101	FLORIDA DEPT. OF TRANSPORTATION	6/11/2015
W.O.#102	FLORIDA DEPT. OF TRANSPORTATION	6/11/2015
W.O.#91	FLORIDA DEPT. OF TRANSPORTATION	6/11/2015
W.O.#92	FLORIDA DEPT. OF TRANSPORTATION	6/11/2015
W.O.#93	FLORIDA DEPT. OF TRANSPORTATION	6/11/2015
W.O.#94	FLORIDA DEPT. OF TRANSPORTATION	6/11/2015
W.O.#95	FLORIDA DEPT. OF TRANSPORTATION	6/11/2015
KYTC ELEVEN COUNTY D9 MODEL	KENTUCKY TRANSPORTATION CABINET	6/3/2015
KYTC DTP TRAVEL TIME ANALYSIS	KENTUCKY TRANSPORTATION CABINET	6/3/2015
PROFESSIONAL SERVICES FOR ZONING	CITY OF HOMESTEAD	6/1/2015
CITY INITIATED LAND USE PROJECTS	CITY OF HOMESTEAD	6/1/2015
PHN 2015-28 SITE PLAN 1079210110020	CITY OF HOMESTEAD	6/1/2015
PHN 2015-29 AV POOL FENCE HEIGHT	CITY OF HOMESTEAD	6/1/2015
PHN 2015-30 SMALL SCALE COMP PLAN	CITY OF HOMESTEAD	6/1/2015
PHN 2015-31 REZONE AU TO I-1	CITY OF HOMESTEAD	6/1/2015
PHN 2015-32 REZONE AU TO B-2	CITY OF HOMESTEAD	6/1/2015
PHN 2015-33 REZONE B-1 TO B-2	CITY OF HOMESTEAD	6/1/2015
TWO#25	FLORIDA DEPT. OF TRANSPORTATION	6/1/2015
EVERGLADES GARDENS	FLORIDA INTERNATIONAL UNIVERSITY	6/1/2015
TURNBERRY DORAL SITE	FLORIDA INTERNATIONAL UNIVERSITY	6/1/2015
PRESENTATION SUPPORT	FLORIDA INTERNATIONAL UNIVERSITY	6/1/2015
SUNNY ISLES COLLINS CORRIDOR	ALEX DAVID AND ASSOCIATES	6/1/2015
FARRAGUT FEE	DUNCAN AND ASSOCIATES	6/1/2015
URS-ENG ASSIST IN MONROE COUNTY	URS CORPORATION SOUTHERN	5/31/2015
VARADERO 18801 COLLINS	BELL DAVID PLANNING GROUP	5/27/2015
PUBLIX 18330 COLLINS AVE	BELL DAVID PLANNING GROUP	5/27/2015
CREATIVE ENG-TWO#17	CREATIVE ENGINEERING GROUP, INC	5/22/2015
CREATIVE ENG-TWO#18	CREATIVE ENGINEERING GROUP, INC	5/22/2015
WO NUMBER 1415-017	VILLAGE OF PALMETTO BAY	5/15/2015
TDOT-LONG RANGE PLANNING ON-CALL	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/2/2015
CITY OF FRANKLIN ON CALL TRAFFIC	CITY OF FRANKLIN	5/2/2015

Corradino Project Number and Name	Client	Date
SMPH 2015-03 VARIANCE	CITY OF SOUTH MIAMI	5/1/2015
SMPH 2015-04 VARIANCE	CITY OF SOUTH MIAMI	5/1/2015
W.O.#82	FLORIDA DEPT. OF TRANSPORTATION	4/30/2015
PHN 2015-22 104 AVE NW 18TH ST	CITY OF HOMESTEAD	4/28/2015
PHN 2015-24 858 AVE NE 3AVE	CITY OF HOMESTEAD	4/28/2015
PHN 2015-26 FINAL PLAT GBX	CITY OF HOMESTEAD	4/28/2015
ASPR 2015-23 BAYWINDS CLUB	CITY OF HOMESTEAD	4/28/2015
VS ENG-113 ST-OLIO RD TO FL RD CE	VS ENGINEERING	4/21/2015
LRZ-AIR COMMERCE DRIVE EXTENSION	SABAK WILSON & LINGO INC	4/16/2015
PHN 2013-45B ROW EQUALITY DEVELP	CITY OF HOMESTEAD	4/13/2015
INDOT US 41 BR REHAB CEI	INDOT VINCENNES DISTRICT	4/10/2015
INDOT SR 56 BR REHAB CEI	INDOT VINCENNES DISTRICT	4/10/2015
W.O.#72	FLORIDA DEPT. OF TRANSPORTATION	4/7/2015
FDOT6-LOA#13	FLORIDA DEPT. OF TRANSPORTATION	4/1/2015
FDOT6-LOA#14	FLORIDA DEPT. OF TRANSPORTATION	4/1/2015
MIAMI LAKES TRAFFIC COUNTS	TOWN OF MIAMI LAKES	4/1/2015
LAND USE MODEL	INDIANAPOLIS DEPT METROPOLITAN DEV	3/31/2015
WORK ORDER #01	TRI-COUNTY REGIONAL PLANNING COMM	3/27/2015
ARMANI CASA TRAFFIC IMPACT	BELL DAVID PLANNING GROUP	3/25/2015
ESTATES AT ACQUALINA	ALEX DAVID AND ASSOCIATES	3/25/2015
17550 COLLIS AVE TIS PR	BELL DAVID PLANNING GROUP	3/25/2015
PHN 2015-14 HMSTD HOSPITAL	CITY OF HOMESTEAD	3/16/2015
PHN 2015-15 TROPICAL VILLAS + 1	CITY OF HOMESTEAD	3/16/2015
PHN 2015-16 TPLAT TROP VILLAS	CITY OF HOMESTEAD	3/16/2015
ASPR 2015-17 MINOR SITE PLAN	CITY OF HOMESTEAD	3/16/2015
ASPR 2015-19 837 W MOWRY	CITY OF HOMESTEAD	3/16/2015
PHN 2015-18 PUD MASTER PLAN	CITY OF HOMESTEAD	3/16/2015
PHN 2015-21 SP EXP JOES JUNK	CITY OF HOMESTEAD	3/16/2015
MDWASDA PS 1067	MIAMI DADE WATER & SEWER DEPT	3/16/2015
SM PLANNING DIRECTOR	CITY OF SOUTH MIAMI	3/16/2015
SMPH 2015-02 FOXES	CITY OF SOUTH MIAMI	3/16/2015
NEW CHINA TOWN	CITY OF SOUTH MIAMI	3/16/2015
SAFETY STUDY	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
SAFETY STUDY	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
SAFETY STUDY	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
PED SAFETY STUDY	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
FATAL CRASH REVIEW	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
FATAL CRASH REVIEWS	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
COLLISIONS DIAGRAMS SR 932/SR992	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
OPERATIONAL ANALYSIS REVIEW SR 826	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
TRAFFIC SIGNAL VARIANCE	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
PEDESTRIAN STUDY E 25 EAST 5 AVE	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
SAFETY STUDY SR 985	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
LEJEUNE AT BIRD RD HIST DESIG	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
TWO#43	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
TWO#44	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015
TWO#45	FLORIDA DEPT. OF TRANSPORTATION	3/1/2015

Section 4: Workload of Firm

Corradino Project Number and Name	Client	Date
MIAMI LAKES TRAFFIC CONCURRENCY	TOWN OF MIAMI LAKES	3/1/2015
KEY BISCANYE MOBILITY STUDY	VILLAGE OF KEY BISCAYNE	3/1/2015
CITY OF MIAMI SPRINGS GOLF CARTS	MIAMI SPRINGS	3/1/2015
CITY OF MIAMI SPRINGS WATER SUPPLY	MIAMI SPRINGS	3/1/2015
VILLAGE OF VG WATER SUPPLY	21848 - VILLAGE OF VIRGINIA GARDENS	3/1/2015
PHN 2015-09(A) TROP VILLAS + 1	CITY OF HOMESTEAD	2/25/2015
PHN 2015-09(B) TROP VILLAS + 1	CITY OF HOMESTEAD	2/25/2015
PHN 2015-11 LAS TRES HUASTECAS	CITY OF HOMESTEAD	2/25/2015
PHN 2015-12 FVP MOWRY STREET	CITY OF HOMESTEAD	2/25/2015
PHN 2015-13 HMSTD 2012, HUGO ARZA	CITY OF HOMESTEAD	2/25/2015
BAL HARBOUR PUBLIC WORKSHOPS	BAL HARBOUR	2/25/2015
TDOT - PCE SR 43 GIBSON CO.	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/24/2015
TDOT - PCE SR 76 GIBSON CO	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/24/2015
TDOT - PCE SR 166 MAURY CO	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/24/2015
TDOT - LIVESTOCK RD REEVAL	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/18/2015
CB EAR	TOWN OF CUTLER BAY	2/17/2015
TDOT - CHURCH STREET PCE	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/13/2015
TDOT - DELAWARE AVE REEVAL	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/13/2015
TDOT - I-69 FEIS PHASE 1	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/12/2015
PHN 2015-01 ARCADE 1541 SE 12AVE	CITY OF HOMESTEAD	2/6/2015
ASPR 2015-02 JARDIN CHARTER SCHOOL	CITY OF HOMESTEAD	2/6/2015
PHN 2015-05 BAYWINDS PUD PODS C	CITY OF HOMESTEAD	2/6/2015
PHN 2015-06 BAYWINDS PUD PODS D/E	CITY OF HOMESTEAD	2/6/2015
PHN 2015-07 BAYWINDS PUD PODS G	CITY OF HOMESTEAD	2/6/2015
PHN 2015-08 BAYWINDS PUD PODS H	CITY OF HOMESTEAD	2/6/2015
PHN 2015-03 BANK WEIVER OF PLAT	CITY OF HOMESTEAD	2/6/2015
TDOT - TEER ATHENS	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/3/2015
FDOT6-LOA#11	FLORIDA DEPT. OF TRANSPORTATION	2/1/2015
FDOT6-LOA#12	FLORIDA DEPT. OF TRANSPORTATION	2/1/2015
FDOT6-LOA#15	FLORIDA DEPT. OF TRANSPORTATION	2/1/2015
DISTWIDE CONST REVIEWS	FLORIDA DEPT. OF TRANSPORTATION	1/30/2015
DISTWIDE CONST REVIEWS	FLORIDA DEPT. OF TRANSPORTATION	1/30/2015
DISTWIDE CONST REVIEWS	FLORIDA DEPT. OF TRANSPORTATION	1/30/2015
DISTWIDE CONST REVIEWS	FLORIDA DEPT. OF TRANSPORTATION	1/30/2015
INDOT VINCENNES SR 67 AT SR 58	INDIANA DEPT OF TRANSPORTATION	1/27/2015
INDOT VINCENNES SR 57 GRAHAM CHEESE	INDIANA DEPT OF TRANSPORTATION	1/23/2015
INDOT VINCENNES SR 57 S OF ELNORA	INDIANA DEPT OF TRANSPORTATION	1/23/2015
MB 600 ALTON ROAD TIA	CITY OF MIAMI BEACH	1/20/2015
BISCAYNE OFFICE COMPLEX	DESIGN TECH INTERNATIONAL	1/15/2015
VILLAGE OF VIRGINIA GARDENS LAP	21848 - VILLAGE OF VIRGINIA GARDENS	1/15/2015
CB UPDATE CIE 2014	TOWN OF CUTLER BAY	1/1/2015
CB 2015-002 CHARTER SCHOOL	TOWN OF CUTLER BAY	1/1/2015
OUTPATIENT HOSPITAL FACILITY	CITY OF MIAMI BEACH	1/1/2015
MB OUTPATIENT HOSPITAL FACILITY	CITY OF MIAMI BEACH	1/1/2015
FDOT DIST6-W.O.#08	FLORIDA DEPT. OF TRANSPORTATION	1/1/2015
FDOT-DISTWIDE CONST	FLORIDA DEPT. OF TRANSPORTATION	1/1/2015
FDOT-DIST WIDE CONST	FLORIDA DEPT. OF TRANSPORTATION	1/1/2015

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Corradino Project Number and Name	Client	Date
VILLAGE OF KEY BISCAYNE-SAFE ROUTES	VILLAGE OF KEY BISCAYNE	1/1/2015
MAIN & CLAY STREETS TRIP GEN	SABAK WILSON & LINGO INC	1/1/2015
OUTPATIENT HOSPITAL FACILITY	MOUNT SINAI MEDICAL CENTER	1/1/2015
18590 COLLINS AVE	CITY OF HOMESTEAD	12/22/2014
ASPR2014-61 WENDY'S MINOR MODFICATI	CITY OF HOMESTEAD	12/18/2014
PHN2014-60 TROPICAL VILLAS FINAL PL	CITY OF HOMESTEAD	12/18/2014
SV2014-62 ADMIN VARIANCE	CITY OF HOMESTEAD	12/18/2014
ASPR2014-63 COUNTRY GARDENS	CITY OF HOMESTEAD	12/18/2014
PHN 2014-67 Family Dollar Site Plan	CITY OF HOMESTEAD	12/18/2014
EASTERN IOWA AIRPORT-EVALUATION	EASTERN IOWA AIRPORT	12/5/2014
SOLO RETAIL & OFFICE COMPLEX	BELL DAVID PLANNING GROUP	12/1/2014
1901 ALTON ROAD	CITY OF MIAMI BEACH	11/21/2014
BAL HARBOUR SHOPS TRAFFIC STUDY	BAL HARBOUR	11/18/2014
CITY OF DORAL-VANDERBILT	CITY OF DORAL	11/16/2014
MB 955 ALTON ROAD	CITY OF MIAMI BEACH	11/15/2014
4203*19 - SR 810/HILLSBORO BLVD	TARGET ENGINEERING GROUP INC	11/7/2014
TWIN LAKES TRAFFIC CALMING	CITY OF SOUTH MIAMI	11/1/2014
URS AUTH 2 TO SUPPORT FTE	URS CORPORATION SOUTHERN	11/1/2014
PH2014-54 LOWES OUTPARCEL	CITY OF HOMESTEAD	10/31/2014
PHN2014-55 SITE PLAN GZM	CITY OF HOMESTEAD	10/31/2014
PHN2014-56 SETBACK GZM	CITY OF HOMESTEAD	10/31/2014
PHN2014-57REARSETBACK GZM	CITY OF HOMESTEAD	10/31/2014
PHN2014-58 SIDESEETBACK GZM	CITY OF HOMESTEAD	10/31/2014
W.O.#58	FLORIDA DEPT. OF TRANSPORTATION	10/31/2014
500 SUNNY ISLES BLVD TRIP GENERATIO	BELL DAVID PLANNING GROUP	10/17/2014
PH2014-50 CEDER AT KEYS GATE LLC	CITY OF HOMESTEAD	10/16/2014
PH2014-51 JJM 312 LLC REZONING	CITY OF HOMESTEAD	10/16/2014
PH2014-52 PALM RIDGE GARDENS	CITY OF HOMESTEAD	10/16/2014
PH2014-53 ROAD VACATION PALM RIDGE	CITY OF HOMESTEAD	10/16/2014
6080 COLLINS AVE	CITY OF MIAMI BEACH	10/9/2014
ADMINISTERING PREP AGENDA	CITY OF HOMESTEAD	10/1/2014
MDWASD PS 399	MIAMI DADE WATER & SEWER DEPT	10/1/2014
MDWASD PS 495	MIAMI DADE WATER & SEWER DEPT	10/1/2014
CORNFIELD WEST HOTEL TRAFFIC STUDY	BELL DAVID PLANNING GROUP	9/29/2014
CITY OF NORTH MIAMI CRA	CITY OF NORTH MIAMI	9/24/2014
CITY OF FTL EAR DATA INVENTORY	CITY OF FORT LAUDERDALE	9/19/2014
TORINO 400-420 COLLINS AVE	CITY OF MIAMI BEACH	9/16/2014
W.O.#48	FLORIDA DEPT. OF TRANSPORTATION	9/12/2014
FDOT D4 TCRPM TWO 6	FLORIDA DEPT. OF TRANSPORTATION	9/11/2014
FDOT D4 TCRPM TWO 7	FLORIDA DEPT. OF TRANSPORTATION	9/11/2014
FDOT D4 TCRPM TWO 8	FLORIDA DEPT. OF TRANSPORTATION	9/11/2014
MB 1212 LINCOLN ROAD	CITY OF MIAMI BEACH	9/9/2014
W.O.#49	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
KEITH & SCHNARS	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#51	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#52	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#55	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014

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Corradino Project Number and Name	Client	Date
W.O.E#56	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#57	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#60	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#61	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#62	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#63	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#64	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#65	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#66	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
W.O.#70	FLORIDA DEPT. OF TRANSPORTATION	9/8/2014
CITY OF HOMESTEAD-INTERM DIRECTOR	CITY OF HOMESTEAD	9/1/2014
CITY OF HOMESTEAD-INTERM DIR 15-16	CITY OF HOMESTEAD	9/1/2014
2017 DEVELOPMENT SERV DIRECTOR	CITY OF HOMESTEAD	9/1/2014
FDOT6-LOA#8	FLORIDA DEPT. OF TRANSPORTATION	9/1/2014
FDOT6-LOA#10	FLORIDA DEPT. OF TRANSPORTATION	9/1/2014
MSD 2014A BONDS/ENGINEER'S RPT	METROPOLITAN SEWER DISTRICT	9/1/2014
MSD 2015A BONDS/ENGINEER'S RPT	METROPOLITAN SEWER DISTRICT	9/1/2014
CLEARBOX-VALIDATE PTRM PROJECT	CLEARBOX FORECAST GROUP, PLLC	8/31/2014
CB WSP 2014	TOWN OF CUTLER BAY	8/26/2014
SOLIS OCEAN PALMS TRAFFIC STUDY	BELL DAVID PLANNING GROUP	8/26/2014
17700 COLLINS AVE	BELL DAVID PLANNING GROUP	8/26/2014
EXPERT WITNESS COMP PLAN SOUTH MIAM	CITY OF SOUTH MIAMI	8/26/2014
PLANNING STUDY I-295 WESTERN BELTWA	FLORIDA DEPT. OF TRANSPORTATION	8/26/2014
MT. JULIET SR 171 BRIDGE WIDENING S	CITY OF MT. JULIET	8/25/2014
JC BERMUDEZ PARK	CITY OF DORAL	8/24/2014
TDOT RSAR-STATE RTE 252-WILSON PIKE	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - STATE ROUTE 251	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - INTERSTATE 40	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR-I-24,WB EXIT RAMP AT SR-1	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - STATE ROUTE 11	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - STATE ROUTE 33	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - LOCAL ROUTE 2472	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - STATE ROUTE 9	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - STATE ROUTE 9	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - STATE ROUTE 76	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT RSAR - STATE ROUTE 78 AT LR 27	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
TDOT I-40 AT BROADWAY RAMP QUEUE	TENNESSEE DEPARTMENT OF TRANSPORTAT	8/18/2014
FDOT-W.O.#05	FLORIDA DEPT. OF TRANSPORTATION	8/18/2014
FDOT-W.O.#06	FLORIDA DEPT. OF TRANSPORTATION	8/18/2014
FDOT-WO.#07	FLORIDA DEPT. OF TRANSPORTATION	8/18/2014
FDOT-W.O.#09	FLORIDA DEPT. OF TRANSPORTATION	8/18/2014
PHN 2014-35 BAYWINDS CT PLAT	CITY OF HOMESTEAD	8/15/2014
PHN2014-36 BAYWINDS ET PLAT	CITY OF HOMESTEAD	8/15/2014
PHN2014-37 BAYWINDS GT PLAT	CITY OF HOMESTEAD	8/15/2014
PHN2014-38 BAYWINDS HT PLAT	CITY OF HOMESTEAD	8/15/2014
PHN2014-46COUNTRY GARDENS	CITY OF HOMESTEAD	8/15/2014
PHN2014-47SPECIALEXCEPTION	CITY OF HOMESTEAD	8/15/2014

Corradino Project Number and Name	Client	Date
PHN2014-48RE-PLAT 2905	CITY OF HOMESTEAD	8/15/2014
SR 56 ALTER CREEK	CARDNO J. F. NEW, INC	8/12/2014
SR 58 LAWRENCE COUNTY	CARDNO J. F. NEW, INC	8/12/2014
SR 37 ORANGE COUNTY	CARDNO J. F. NEW, INC	8/12/2014
164 FLOYD COUNTY	CARDNO J. F. NEW, INC	8/12/2014
SR 58 JACKSON COUNTY	CARDNO J. F. NEW, INC	8/12/2014
US 30 KOKOMO, THE PRESERVE	CARDNO J. F. NEW, INC	8/12/2014
SR 39 WETLAND MITIGATION DESGIN	CARDNO J. F. NEW, INC	8/12/2014
C OF HALLANDALE BC-ART SQUARE PROJE	CITY OF HALLANDALE BEACH	8/11/2014
C OF HALLADALE BC-GE PLANNING SERVI	CITY OF HALLANDALE BEACH	8/11/2014
W.O.#42	FLORIDA DEPT. OF TRANSPORTATION	8/5/2014
W.O.#43	FLORIDA DEPT. OF TRANSPORTATION	8/5/2014
W.O.#44	FLORIDA DEPT. OF TRANSPORTATION	8/5/2014
W.O.#45	FLORIDA DEPT. OF TRANSPORTATION	8/5/2014
W.O.#46	FLORIDA DEPT. OF TRANSPORTATION	8/5/2014
FDOT-W.O.#04	FLORIDA DEPT. OF TRANSPORTATION	8/4/2014
FDOT-W.O.#08	FLORIDA DEPT. OF TRANSPORTATION	8/4/2014
FDOT-W.O.#10	FLORIDA DEPT. OF TRANSPORTATION	8/4/2014
FDOT-W.O.#11	FLORIDA DEPT. OF TRANSPORTATION	8/4/2014
FDOT-W.O.#14	FLORIDA DEPT. OF TRANSPORTATION	8/4/2014
FDOT-W.O.#15	FLORIDA DEPT. OF TRANSPORTATION	8/4/2014
BELL DAVID-PLAZZO DI ACQUALINA TRAF	BELL DAVID PLANNING GROUP	8/1/2014
COMM RATING SYSTEM	CITY OF HOMESTEAD	8/1/2014
CREATING & MAINT ARC GIS	CITY OF HOMESTEAD	8/1/2014
GEN STAFF ASSIS PLANNING DIV	CITY OF HOMESTEAD	8/1/2014
ADM THE PLANNING & ZONING	CITY OF HOMESTEAD	8/1/2014
ADM DEVELOP REVIEW COMMITTEE	CITY OF HOMESTEAD	8/1/2014
PHN2014-40 VALENCIA PARK PUD	CITY OF HOMESTEAD	7/28/2014
PHN2014-41 VALENCIA PARK REZONE	CITY OF HOMESTEAD	7/28/2014
PHN2014-42 TREO KINGMAN REZONE	CITY OF HOMESTEAD	7/28/2014
PHN2014-43 TREO KINGMAN SITE PLAN	CITY OF HOMESTEAD	7/28/2014
PHN2014-44 TREO KINGMAN TPLAT	CITY OF HOMESTEAD	7/28/2014
PROFESSIONAL SVS	CITY OF HOMESTEAD	7/28/2014
PO 142795 CRA POLICE DEPT	CITY OF HOMESTEAD	7/28/2014
PO# 142769 CITY WATER SUPPLY PLAN	CITY OF HOMESTEAD	7/28/2014
C OF HIALEAH-E5 FROM E9 ST TO E 17	CITY OF HIALEAH	7/22/2014
C OF HIALEAH-LIGHTING IMPROVEMENTS	CITY OF HIALEAH	7/22/2014
C OF HIALEAH-W 68TH ST	CITY OF HIALEAH	7/22/2014
C OF HIALEAH-W31ST & W32ND	CITY OF HIALEAH	7/22/2014
MULTIMODAL TRANSIT STUDY REVIEW	C H PEREZ & ASSOCIATES	7/9/2014
MULTIMODAL TRANSIT STUDY	C H PEREZ & ASSOCIATES	7/9/2014
CB BUILDING PERMIT REVIEW & STAFF	TOWN OF CUTLER BAY	7/3/2014
LRAA - FY 2015	LOU/JEFF CO AIRPORT AUTHORITY	7/1/2014
CITY OF MIAMI NW 52 AVE/NW 4 ST	CITY OF MIAMI	6/26/2014
CITY OF MIAMI-SW 19 AVE SW 14 TERR	CITY OF MIAMI	6/26/2014
CITY OF MIAMI-BIRD AVE RD IMP	CITY OF MIAMI	6/26/2014
CITY OF MIAMI-BIRD AVE FINAL UTIL	CITY OF MIAMI	6/26/2014

Corradino Project Number and Name	Client	Date
FDOT-W.O.#01	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
FDOT - W.O.#02	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
FDTO - W.O.#03	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
FDOT-W.O.#13	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
CAB	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
17 - CAB	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
18 - CAB	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
19 - CAB	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
20 - TARGET ENGINEERING	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
21 - CAB	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
22 - CEI SERVICES	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
FDOT -W.O.#42	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
BDY02-TWO#43-FM#428751-2-72-01	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
FDOT-W.O.#44	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
FDOT-W.O.#47	FLORIDA DEPT. OF TRANSPORTATION	6/25/2014
CRA LOSNER PARK STUDY	CITY OF HOMESTEAD	6/23/2014
PEDESTRIAN SAFETY STUDIES	FLORIDA DEPT. OF TRANSPORTATION	6/21/2014
SR-710/BEELINE HGWY-432706-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	6/17/2014
SR-710/BEELINE HGWY-432704-1-62-01	FLORIDA DEPT. OF TRANSPORTATION	6/17/2014
PINE ISLAND RD CADD ASSISTANCE	ARCADIS U.S., INC.	6/16/2014
BELL DAVID-MUSE TRAFFIC STUDY	BELL DAVID PLANNING GROUP	6/15/2014
BELL DAVID - JADE TRAFFIC STUDY	BELL DAVID PLANNING GROUP	6/15/2014
BELL DAVID-PUBLIX 18330 COLLINS AVE	BELL DAVID PLANNING GROUP	6/15/2014
BELL DAVID-TURNBERRY TRAFFIC STUDY	BELL DAVID PLANNING GROUP	6/15/2014
TDOT DTR BAILEY AVE AT EAST CHATTAN	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/10/2014
TDOT RSAR SR69 DECATUR CO.	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/10/2014
TDOT RSAR LR 904 HENRY CO.	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/10/2014
TDOT RSAR SR LR 902 HENRY CO.	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/10/2014
TDOT RSAR SR 20 HENDERSON CO.	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/10/2014
TDOT LR 1506 OVER CARR CREEK BRIDGE	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/10/2014
LOCHNER-SR 907/ALTON RD RECONS	H.W. LOCHNER, INC	6/9/2014
PHN2014-15CERT OF USE OFF PERMISES	CITY OF HOMESTEAD	6/7/2014
PHN2014-33 JFM DEVELOPMENT FLUM	CITY OF HOMESTEAD	6/7/2014
TDOT DTR FRITTON SPUR RD AT NORFOLK	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/6/2014
TDOT DTR REELFOOT DR AT TENNKEN RAI	TENNESSEE DEPARTMENT OF TRANSPORTAT	6/6/2014
GAS STATION 337 71ST STREET	CITY OF MIAMI BEACH	6/3/2014
OCEANA BAL HARBOUR SIGNALIZATION	CONSULTATIO REAL ESTATE	6/2/2014
INDOT ON CALL UPDATED IN EMISSIONS	INDIANA DEPT OF TRANSPORTATION	6/1/2014
INDOT ON CALL UPDATED TRAFFIC FOREC	INDIANA DEPT OF TRANSPORTATION	6/1/2014
INDOT ON CASLL FORMS AUTOMATION	INDIANA DEPT OF TRANSPORTATION	6/1/2014
PHN 2013-23 PATEL CARIBE MOTEL	CITY OF HOMESTEAD	5/29/2014
MT. JULIET ON CALL BAIRD FARM REVIE	CITY OF MT. JULIET	5/23/2014
MT. JULIET ON CALL COVEY RISE REVIE	CITY OF MT. JULIET	5/23/2014
MT. JULIET- HAMILTON HILLS ANALYSIS	CITY OF MT. JULIET	5/23/2014
PHN 2014-21 COU 57TH SW 8 STREET	CITY OF HOMESTEAD	5/15/2014
PHN2014-22 AMENDMENT DECLARATION	CITY OF HOMESTEAD	5/15/2014
ASPR2014-23 MINOR MODIFICATION	CITY OF HOMESTEAD	5/15/2014

Section 4: Workload of Firm

Corradino Project Number and Name	Client	Date
PHN2014-24SITEPLAN WENDY'S	CITY OF HOMESTEAD	5/15/2014
PHN2014-25VARIANCE TEMP SIGNANGE	CITY OF HOMESTEAD	5/15/2014
PHN2014-26 SPEC EXP INTERM AGR	CITY OF HOMESTEAD	5/15/2014
PHN2014-32 REZONE FROM G TO B2	CITY OF HOMESTEAD	5/15/2014
PHN204-30 CEDAR @ KEYS GATE	CITY OF HOMESTEAD	5/15/2014
D/W TRAFFIC OPS SAFETY STUDIES	FLORIDA DEPT. OF TRANSPORTATION	5/15/2014
SR7/US441 N. HALLANDALE BCH OF FILM	FLORIDA DEPT. OF TRANSPORTATION	5/5/2014
FM#227774-1-62-03	FLORIDA DEPT. OF TRANSPORTATION	5/5/2014
FM#227774-62-04	FLORIDA DEPT. OF TRANSPORTATION	5/5/2014
FDOT DIST6-W.O.#22	FLORIDA DEPT. OF TRANSPORTATION	5/4/2014
INDOT BOONEVILLE GRADING PACKAGE	INDIANA DEPT OF TRANSPORTATION	5/1/2014
INDOT BOONEVILLE ROADWAY CONTRACT	INDIANA DEPT OF TRANSPORTATION	5/1/2014
FDOT D4 TCRPM TWO 5	FLORIDA DEPT. OF TRANSPORTATION	5/1/2014
TDOT RSAR SR10 LINCOLN CO.	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/1/2014
TDOT RSAR SR 10 LINCOLN CO (AL LINE	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/1/2014
TDOT RSAR SR 6 LAWRENCE CO	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/1/2014
TDOT SR 6 AT EAST GAINES ST LAWRENC	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/1/2014
TDOT RSAR SR 13 WAYNE CO	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/1/2014
TDOT I-65 AT OHB, RAMP QUEUE	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/1/2014
TDOT I-24 AT BELL RD RAMP QUEUE	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/1/2014
TDOT I-40/65 AT DEMONBREUN RAMP QUE	TENNESSEE DEPARTMENT OF TRANSPORTAT	5/1/2014
URS PROJ SUPPORT FOR SERPM	URS CORPORATION SOUTHERN	5/1/2014
C OF FT LAUDERDALE-PROGRESSO NEIGHB	CITY OF FORT LAUDERDALE	4/30/2014
C OF FT LAUDERDALE-SR A1A BEAUTIFIC	CITY OF FORT LAUDERDALE	4/30/2014
BELL DAVID-TRAFFIC IMPACT STUDY	BELL DAVID PLANNING GROUP	4/28/2014
FDOT-W.O.#16	FLORIDA DEPT. OF TRANSPORTATION	4/28/2014
FDOT W.O.#20-C8Y91	FLORIDA DEPT. OF TRANSPORTATION	4/28/2014
FDOT W.O.#21-C8Y91	FLORIDA DEPT. OF TRANSPORTATION	4/28/2014
MT. JULIET PROVIDENCE WAY PLAN/DES	CITY OF MT. JULIET	4/28/2014
BILTMORE 8701 COLLINS AVE	CITY OF MIAMI BEACH	4/25/2014
TCG-C9C31.7 FIN 43079816201	TARGET ENGINEERING GROUP INC	4/11/2014
TCG-C9C31.8 FIN 43278916201	TARGET ENGINEERING GROUP INC	4/11/2014
TCG-C9C31.16 FN43396716201	TARGET ENGINEERING GROUP INC	4/11/2014
TCG-C9C31.17 FIN 43396416201	TARGET ENGINEERING GROUP INC	4/11/2014
TCG-C9C31.20 FIN 43396516201	TARGET ENGINEERING GROUP INC	4/11/2014
TCG-C9C31.21 FIN 43397916201	TARGET ENGINEERING GROUP INC	4/11/2014
TCG-C9C31.22 FIN 43398016201	TARGET ENGINEERING GROUP INC	4/11/2014
TCG-C9C31 33 FIN43278916201	TARGET ENGINEERING GROUP INC	4/11/2014
ASPR 2014-12 DiBENEDETTO	CITY OF HOMESTEAD	4/3/2014
PHN 2014-11 ABUL FENCE VARIANCE	CITY OF HOMESTEAD	4/3/2014
PHN 2014-16 BAYWINDS PUD	CITY OF HOMESTEAD	4/3/2014
PHN 2014-17 BAYWINDS POD C	CITY OF HOMESTEAD	4/3/2014
PHN 2014-18 BAYWINDS PODS D&E	CITY OF HOMESTEAD	4/3/2014
PHN 2014-19 BAYWINDS POD G SITE PLA	CITY OF HOMESTEAD	4/3/2014
PHN 2014-20 BAYWINDS H SITE PLAN	CITY OF HOMESTEAD	4/3/2014
PO 141470 PUBLIC HEARING&ZONING STA	CITY OF HOMESTEAD	4/2/2014
PADGETT MARSH DRAINAGE- FM#433976	CREATIVE ENGINEERING GROUP, INC	4/2/2014

Section 4: Workload of Firm

Corradino Project Number and Name	Client	Date
I95 REST AREA - FM#433975	CREATIVE ENGINEERING GROUP, INC	4/2/2014
I95 REST AREA - FM#433973	CREATIVE ENGINEERING GROUP, INC	4/2/2014
I95 REST AREA-FM#433983	CREATIVE ENGINEERING GROUP, INC	4/2/2014
CREATIVE-FM#433917	CREATIVE ENGINEERING GROUP, INC	4/2/2014
CREATIVE-FM#433906	CREATIVE ENGINEERING GROUP, INC	4/2/2014
PADGET BRANCH-FM#432791	CREATIVE ENGINEERING GROUP, INC	4/2/2014
FDOT-W.O.#28	FLORIDA DEPT. OF TRANSPORTATION	4/1/2014
FDOT-W.O.#29	FLORIDA DEPT. OF TRANSPORTATION	4/1/2014
TDOT I-65 ROSA PARKS BLVD RAMP QUEQ	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/20/2014
PA LLC WEST LAKE TRANSIT PROJECT	POLICY ANALYTICS, LLC	3/20/2014
TDOT DTR SOUTH PKWY AT BNSF RAILRO	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/19/2014
TDOT CHANNEL AVE AT BNSF RAILROAD	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/19/2014
TDOT PILOT DRIVE AT BNSF RAILROAD	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/19/2014
TDOT SHELBY DR AVE AT BNSF RAILROAD	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/19/2014
TDOT DTR DEMOCRAT RD AT BNSF RAILRD	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/19/2014
TDOT DTR PENDELTON ST AT BNSF RAILR	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/19/2014
TDOT RSAR RIVERSIDE DRIVE MADISON C	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/18/2014
TDOT RSAR SR 128 HARDIN COUNTY	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/18/2014
TDOT RSAR SR 22A CHESTER COUNTY	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/18/2014
TDOT RSAR SR 224 MCNAIRY COUNTY	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/18/2014
TDOT DTR MCLEMORE AVE AT BNSF RAILR	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/18/2014
PHN 2014-09 robert fernandwz	CITY OF HOMESTEAD	3/17/2014
PHN 2014-09 EL CHARRITO SETBACK	CITY OF HOMESTEAD	3/17/2014
PHN2014-10 EL CHARRITO SITE PLAN	CITY OF HOMESTEAD	3/17/2014
PHN 2014-08 DIBENEDETTO FENCE	CITY OF HOMESTEAD	3/17/2014
COLLEGE DRIVE BRIDGE LOAD RATING	UNIVERSITY OF MIAMI	3/17/2014
UM COMPREHENSIVE SHORELINE REPORT	UNIVERSITY OF MIAMI	3/17/2014
FM#421707-2-62-01	FLORIDA DEPT. OF TRANSPORTATION	3/14/2014
FM#421707-3-62-01	FLORIDA DEPT. OF TRANSPORTATION	3/14/2014
FM#421707-8-62-01	FLORIDA DEPT. OF TRANSPORTATION	3/14/2014
TDOT DTR A.W.WILLIS AVE AT IC RAIL	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/11/2014
1215 WEST AVENUE	CITY OF MIAMI BEACH	3/10/2014
1155 COLLIN AVE TRAFFIC IMPACT	CITY OF MIAMI BEACH	3/10/2014
THOMAS HOTEL 4041 COLLINS AVE	CITY OF MIAMI BEACH	3/10/2014
MT. JULIET I40 EB TO SR171 OFF RAMP	CITY OF MT. JULIET	3/10/2014
MT. JULIET ON CALL TRAF SIGL PLANS	CITY OF MT. JULIET	3/10/2014
MT. JULIET ON CALL REVIEW TRAFFIC	CITY OF MT. JULIET	3/10/2014
MT. JULIET DEVELOP GUIDANCE MANUAL	CITY OF MT. JULIET	3/10/2014
TDOT DTR RALEIGH LAGRANGE RD AT CSX	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/6/2014
TDOT DTR CHELSEA AVE AT IC RAILROAD	TENNESSEE DEPARTMENT OF TRANSPORTAT	3/6/2014
NEW MILLENNIUM-FM#432687-1-62-01	NEW MILLENNIUM ENGINEERING, INC	3/1/2014
C OF NM-MAJOR CORRIDOR MASTER PLAN	CITY OF NORTH MIAMI	3/1/2014
LAUDERHILL-NW 35 AVE GREENWAY	CITY OF LAUDERHILL	3/1/2014
MCA APRON AND PARKING LOT EXPANSION	MADISON COUNTY AIRPORT	3/1/2014
FDOT D4 TCRPM TWO 4	FLORIDA DEPT. OF TRANSPORTATION	2/28/2014
TDOT I-24 AT BELL RD AND WALDRON RD	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/28/2014
OPA LOCKA - CONCEPT PLAN	CITY OF OPA-LOCKA	2/17/2014

Section 4: Workload of Firm

Corradino Project Number and Name	Client	Date
TDOT SR 92 OVER MUDDY CREEK BRIDGE	TENNESSEE DEPARTMENT OF TRANSPORTAT	2/12/2014
REVIEW COMMITTEE & P&Z	CITY OF HOMESTEAD	2/11/2014
CODE REVIEW & AMENDMENT DRAFTING	CITY OF HOMESTEAD	2/11/2014
GIS ZONING MAP REVIEW&ZONING LAND U	CITY OF HOMESTEAD	2/11/2014
HISTORIC PRESERVATION BOARD	CITY OF HOMESTEAD	2/11/2014
FDOT-W.O.#26	FLORIDA DEPT. OF TRANSPORTATION	2/10/2014
FDOT-W.O.#27	FLORIDA DEPT. OF TRANSPORTATION	2/10/2014
EAST SUNRISE WATER MAIN IMPROVEMENT	ARCADIS U.S., INC.	2/1/2014
ESCAPE&VALENCIA WATER MAIN	CITY OF SUNRISE	2/1/2014
HIATUS RD WATER MAIN RELOCATIONS	CITY OF SUNRISE	2/1/2014
NW 25TH COURT TRAFFIC CALMING IMP	CITY OF SUNRISE	2/1/2014
HIATUS RD WATER-PHASE II	CITY OF SUNRISE	2/1/2014
D/W MPO SUPPORT	C H PEREZ & ASSOCIATES	2/1/2014
PHN2014-01 LE JARDIN EXCEPTION	CITY OF HOMESTEAD	1/30/2014
PHN2014-02 LE JARDIN SITE PLAN	CITY OF HOMESTEAD	1/30/2014
PHN2014-03 C&R MILLING & PAVING	CITY OF HOMESTEAD	1/30/2014
ASPR2014-04 DEEP SOUTH SITE PLAN	CITY OF HOMESTEAD	1/30/2014
*33 - TDOT HSSI REGION 1	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/29/2014
TDOT APSU 8TH AT MARION CE	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/28/2014
TDOT SHEPHERD ROAD CE	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/21/2014
TDOT SR 3 (US 51) RSAR	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/16/2014
TDOT LOCAL RTE 00803 RSAR	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/16/2014
*31 - TDOT SR 18 RSAR	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/16/2014
ASPR2013-60HOPEACADEMY 2, INC	CITY OF HOMESTEAD	1/15/2014
PHN2013-64JERSEYBOARDWALK	CITY OF HOMESTEAD	1/15/2014
PHN2013-65MAYAMEXLINDARESTAURANT	CITY OF HOMESTEAD	1/15/2014
TCRPC UPDATE AND IMPROVEMENT TO TDM	TRI-COUNTY REGIONAL PLANNING COMM	1/15/2014
HAMILTON CO PLEASANT ST CORRIDOR	HAMILTON COUNTY HIGHWAY DEPT	1/15/2014
PLEASANT ST CORRIDOR RIVER CROSSING	HAMILTON COUNTY HIGHWAY DEPT	1/15/2014
TDOT SR18 AT SR57 RSAR	TENNESSEE DEPARTMENT OF TRANSPORTAT	1/14/2014
2206 PARK AVENUE	CITY OF MIAMI BEACH	1/13/2014
MIAMI BEACH - JAMES AVE PARKING GAR	CITY OF MIAMI BEACH	1/13/2014
4000 ALTON ROAD PEER REVIEW	CITY OF MIAMI BEACH	1/13/2014
OKEECHOBEE@NW 105TH WAY	FLORIDA DEPT. OF TRANSPORTATION	1/13/2014
VULNERABLE RD -SR 7/NW7 AVE	FLORIDA DEPT. OF TRANSPORTATION	1/13/2014
SAFETY STUDY-NW 87TH AVENUE	FLORIDA DEPT. OF TRANSPORTATION	1/13/2014
MT. JULIET SR 171 SEA	CITY OF MT. JULIET	1/6/2014
MT. JULIET ASC SR 171	CITY OF MT. JULIET	1/6/2014
MT JULIET	CITY OF MT. JULIET	1/6/2014
H&S - GEOTECH & TRAFFIC STUDY SERVI	HAZEN AND SAWYER, PC	1/1/2014
CTS-TRANS ANALYSIS AND REVIEW SUPPO	CTS ENGINEERING, INC	1/1/2014
CTS-TRANS ANALYSIS AND REVIEW SUPP	CTS ENGINEERING, INC	1/1/2014



Broward Boulevard + Flamingo Road

Section 5: Location

Broward County Board of
County Commissioners

Bid PNC2119168P1

RFP-RFQ-RLI LOCATION ATTESTATION FORM (EVALUATION CRITERIA)

The completed and signed form and supporting information (if applicable, for Joint Ventures) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting information may affect the Vendor's evaluation. Provided information is subject to verification by the County.

A Vendor's principal place of business location (also known as the nerve center) within Broward County is considered in accordance with Evaluation Criteria. The County's definition of a principal place of business is:

1. As defined by the Broward County Local Preference Ordinance, "Principal place of business means the nerve center or center of overall direction, control and coordination of the activities of the bidder [Vendor]. If the bidder has only one (1) business location, such business location shall be considered its principal place of business."

2. A principal place of business refers to the place where a corporation's officers direct, control, and coordinate the corporation's day-to-day activities. It is the corporation's 'nerve center' and in practice it should normally be the place where the corporation maintains its headquarters; provided that the headquarters is the actual center of direction, control, and coordination, i.e., the 'nerve center', and not simply an office where the corporation holds its board meetings (for example, attended by directors and officers who have traveled there for the occasion).

The Vendor's principal place of business in Broward County shall be the Vendor's "Principal Address" as indicated with the Florida Department of State Division of Corporations, for at least six months prior to the solicitation's due date.

Check one of the following:

☐ The Vendor certifies that it has a principal place of business location (also known as the nerve center) within Broward County, as documented in Florida Department of State Division of Corporations (Sunbiz), and attests to the following statements:

1. Vendor's address listed in its submittal is its principal place of business as defined by Broward County;

2. Vendor's "Principal Address" listed with the Florida Department of State Division of Corporations is the same as the address listed in its submittal and the address was listed for at least six months prior to the solicitation's opening date. A copy of Florida Department of State Division of Corporations (Sunbiz) is attached as verification.

3. Vendor must be located at the listed "nerve center" address ("Principal Address") for at least six (6) months prior to the solicitation's opening date;

4. Vendor has not merged with another firm within the last six months that is not headquartered in Broward County and is not a wholly owned subsidiary or a holding company of another firm that is not headquartered in Broward County;

5. If awarded a contract, it is the intent of the Vendor to remain at the referenced address for the duration of the contract term, including any renewals, extensions or any approved interim contracts for the services provided under this contract; and

6. The Vendor understands that if after contract award, the County learns that the attestation was erroneous, and upon investigation determines that the error was willful or intentional on

Broward County Board of
County Commissioners

Bid PNC2119168P1

X

Vendor Information:

Vendor Name: The Corradino Group, Inc.

Vendor's address listed in its submittal is:

4055 NW 97th Avenue, Suite 200
Miami, FL 33178

The signature below must be by an individual authorized to bind the Vendor. The signature below is an attestation that all information listed above and provided to Broward County is true and accurate.

Joseph C. Corradino, PE	Chief Executive Officer	The Corradino Group, Inc.	09/05/2019
Authorized Signature/Name	Title	Vendor Name	Date

Broward County Board of
County Commissioners



Section 6: Willingness to Meet Time and Budget Requirements

Section 6: Willingness to Meet Time and Budget Requirements

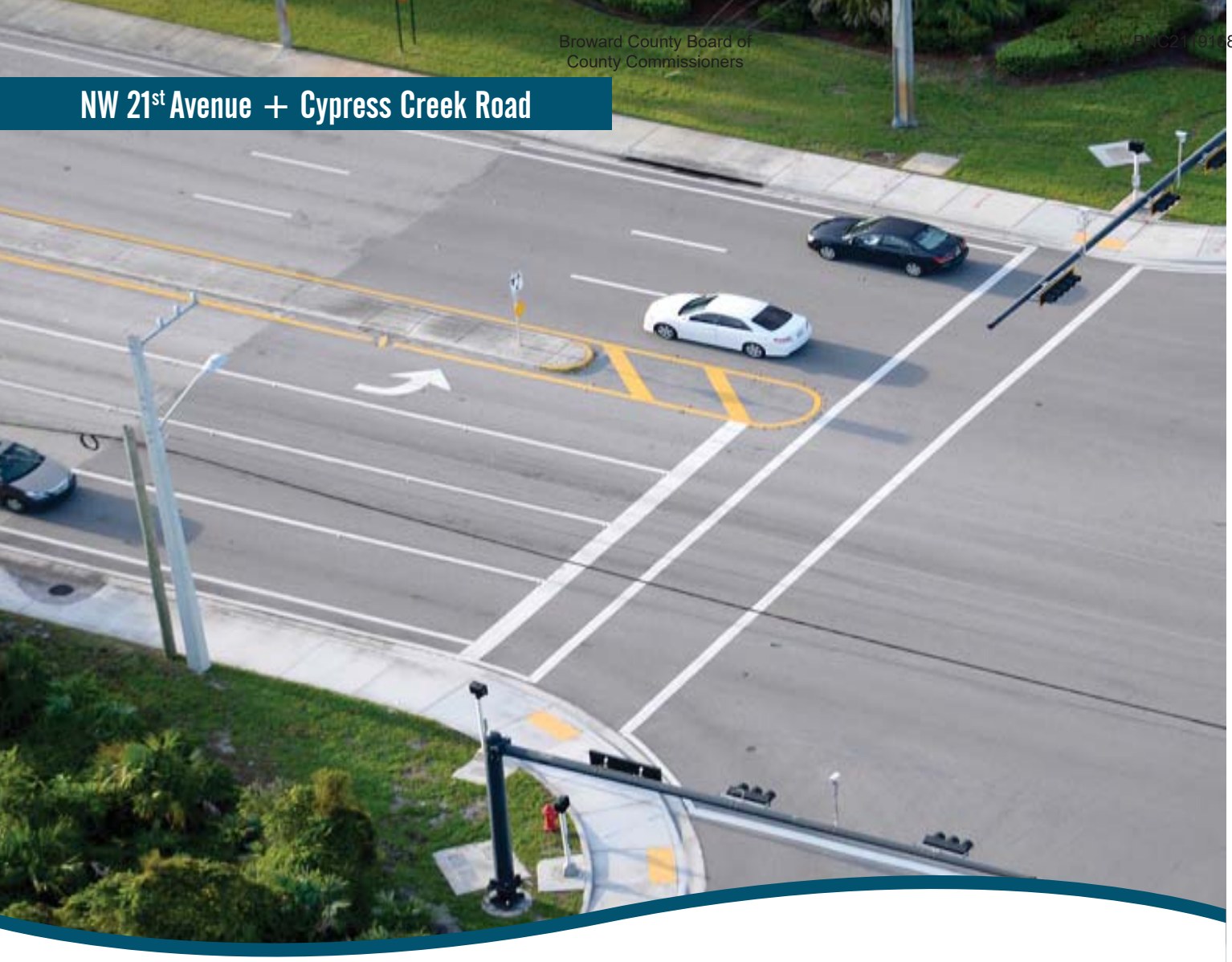
The CORRADINO Team is committed to provide Broward County with a high-quality team of professionals that has the technical expertise and experience to deliver the proposed scope of services in an efficient manner. The CORRADINO Team is committed to meeting Broward County's schedule and budget requirements for each task work order assignments. The CORRADINO Team will assign the most qualified and dependable staff to carry out the work required under each task work order. The CORRADINO Team understands that a schedule is intended not only for the Consultant but also for Broward County to coordinate their resources for reviewing submittals and for report to other key County officials. The CORRADINO Team values the importance of meeting milestone dates, review dates and final submittal dates. Schedules will be prepared and tracked in Microsoft Project and the budget will be entered and tracked through CORRADINO 's accounting software which provides real time feedback to the Project Manager regarding the progress of the project's expenditures against the budget. At the CORRADINO 's kickoff meeting for each task work order, the scope of work will be discussed including the detailed scope, budget and timeline. The Project Manager will define the various elements of the project and describe the quality control/quality assurance program. The CORRADINO Team will provide value engineering concepts through cost effective solutions early on in the task work order proposal.



Broward County Board of
County Commissioners

PNC21 9168P1

NW 21st Avenue + Cypress Creek Road



Section 7: Volume of Previous Work

Broward County Board of
County Commissioners

Bid PNC2119168P1

N/A

VOLUME OF PREVIOUS WORK ATTESTATION FORM

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to provide timely may affect the Vendor's evaluation.

This completed form MUST be included with the Vendor's submittal at the time of the opening deadline to be considered for a Tie Breaker criterion (if applicable).

Points assigned for Volume of Previous Work will be based on the amount paid-to-date by the County to a prime Vendor **MINUS** the Vendo confirmed payments paid-to-date to approved certified County Business Enterprise (CBE) firms performing services as Vendo subcontractor/subconsultant to obtain the CBE goal commitment as confirmed by County's Office of Economic and Small Business Development. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must list all received payments paid-to-date by contract as a prime vendor from Broward County Board of County Commissioners. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must also list all total confirmed payments paid-to-date by contract, to approved certified CBE firms utilized to obtain the contract's CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	Prime: Paid to Date	CBE: Paid to Date
1.						
2.						
3.						
4.						
5.						
6.						
7.						
				Grand Total	0	0

Has the Vendor been a member/partner of a Joint Venture firm that was awarded a contract by the County?

Yes ☐ No ☒

If Yes, Vendor must submit a **Joint Vendor Volume of Work Attestation Form**.

Vendor Name: The Corradino Group

Joseph C. Corradino, PE	Chief Executive Officer	09/05/2019
Authorized Signature/Name	**Title**	**Date**

Broward County Board of
County Commissioners

Bid PNC2119168P1

N/A

VOLUME OF PREVIOUS WORK ATTESTATION JOINT VENTURE FORM

If applicable, this form and additional required documentation should be submitted with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting documentation may affect the Vendor's evaluation.

If a Joint Venture, the payments paid-to-date by contract provided must encompass the Joint Venture and each of the entities forming the Joint Venture. Points assigned for Volume of Previous Work will be based on the amount paid-to-date by contract to the Joint Venture firm **MINUS** confirmed payments paid-to-date to approved certified CBE firms utilized to obtain the CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date. Amount will then be multiplied by the member firm's equity percentage.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	JV Equity Percent	Prime: Paid to Date	CBE: Paid to Date
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
					Grand Total		

Vendor is required to submit an executed Joint Venture agreement(s) and any amendments for each project listed above. Each agreement must be executed prior to the opening date of this solicitation.

Vendor Name:

Authorized Signature/Name **Title** **Date**







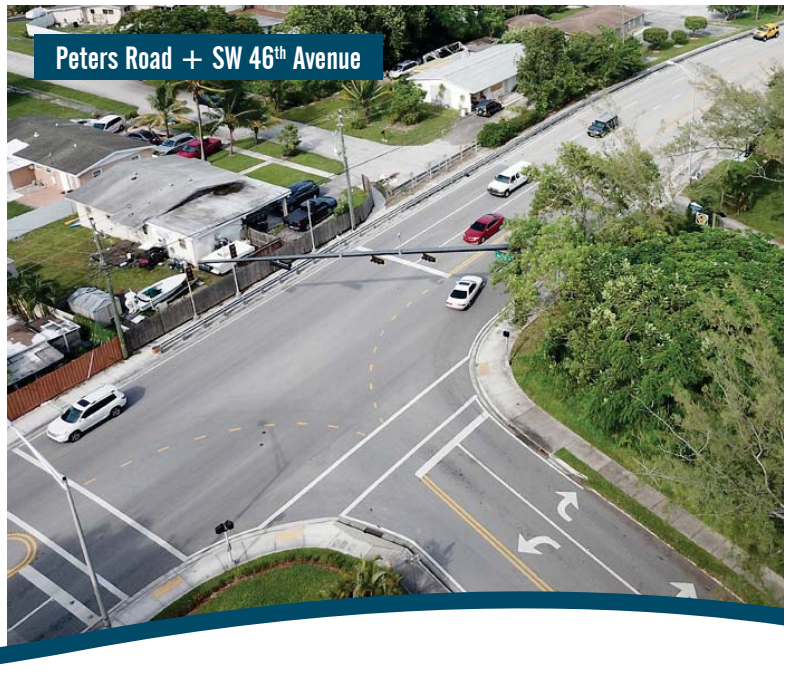
THE CORRADINO GROUP

4055 NW 97th Avenue, Suite 200 ◆ Miami, FL 33178
(305) 594-0735 ◆ Fax (305) 594-0755
www.CORRADINO.com









BROWARD COUNTY

Board of County Commissioners

Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Bid Number: PNC2119168P1 ◆ September 11, 2019

LITIGATIONS

THE CORRADINO GROUP

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☒ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	Consolidated Case #2018-008144-CA-03; 03/19/2018
Name of Court or other tribunal	Miami-Dade County 11th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Construction Defect
Brief description of the Subject Matter and Project Involved	FIU Bridge Collapse
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☒ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Christos Lagos Email: lagos@attainjustice.com Telephone Number: 305.960.1990

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com).

Twelve related cases filed against Corradino all relate to claims filed by some of the representatives of the six deceased people and at least 11 injured people resulting from the Florida International University (FIU) Pedestrian Bridge collapse on March 15, 2018, against 25 defendants involved on the job—virtually every business that touched the project. A total of 22 lawsuits have been filed related to the bridge collapse, which have been consolidated for the purpose of a global mediation.

It is important to note that Corradino's role on the FIU pedestrian bridge project was very limited; and limited to one person of hundreds on the job. Specifically, between July 6, 2017, and March 10, 2018, Corradino served as a subconsultant to the project CEI, Network Engineering Services, Inc., d/b/a Bolton Perez & Associates (BPA). Pursuant to the agreement with BPA, Corradino provided one employee at the job site. Corradino's role was to verify, "over the shoulder," that certain tests, processes, and procedures, primarily on post-tensioning and pile driving, were performed by others in accordance with plans, and to verify that the results of the testing, processes, and procedures corresponded to what Corradino observed, again "over the shoulder," as the tests, processes, and procedures were being performed by others, not Corradino, at the job site. Corradino's employee did not perform any engineering services on this project. He did not and could not perform any calculations or design services. He has no personal knowledge of a meeting on March 15, 2018, or any of the work that took place after March 10, 2018. Corradino denies liability for the March 15th bridge collapse.

It should be noted that Corradino was not identified as a responsible party through OSHA's investigation, which resulted in the citation and fining of several project participants in September 2018. In addition, Corradino has not been made a party to the NTSB investigation. Both of these developments—lack of action against Corradino in both situations—tend to confirm the exoneration of Corradino from liability. Furthermore, in June 2019, OSHA released its report on the bridge collapse. The report, which misses no opportunity to place blame on participants on the project, does not name Corradino in placing blame.

As noted, all lawsuits arise out of one incident. Corradino is cooperating with all parties and continues to maintain a positive relationship with everyone involved. Corradino has been involved in several group mediation sessions and is presently involved in both group and individual confidential settlement discussions which are expected to culminate in a settlement of all claims in the immediate future.

LITIGATION HISTORY FORM

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☐ There are no material cases for this Vendor; or

☒ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	2018-004403-CA-01; Certain Underwriters at Lloyd's London, Plaintiff; 02/12/2018
Name of Court or other tribunal	Miami-Dade County 11th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Negligence
Brief description of the Subject Matter and Project Involved	False claim regarding pipe installation; Corradino not the contractor.
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Joshua R. Goodman Email: jrgoodman@cozen.com Telephone Number: 305.704.5940

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com). Any questions on litigation in the past three (3) years or other legal matters should be referred to him.

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Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	2017-025914-CA-01; Certain Underwriters at Lloyd's London, Plaintiff; 11/07/2017
Name of Court or other tribunal	Miami-Dade County 11th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Negligence
Brief description of the Subject Matter and Project Involved	False claim regarding pipe installation; Corradino not the contractor.
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Michael C. Black Email: mblack@marlaw.com Telephone Number: 305.271.8301

Vendor Name: The Corradino Group, Inc.

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Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	2016-003005-CA-001; Derrick Perez, Plaintiff; 02/09/2016
Name of Court or other tribunal	Miami-Dade County 11th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Negligence
Brief description of the Subject Matter and Project Involved	Construction Inspection & Engineering on Roadway in Hialeah, FL
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Donald M. Kreke Email: dkreke@krekelaw.com Telephone Number: 305.669.0281

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com). Any questions on litigation in the past three (3) years or other legal matters should be referred to him.

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☒ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	CACE 15-001420; Phyllis Simon, Plaintiff; 01/23/2015
Name of Court or other tribunal	Broward County 17th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Negligence
Brief description of the Subject Matter and Project Involved	Const. Inspection & Engineering on Roadway, Broward Co., FL
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Bradley Winston, Esq. Email: bwinston@winstonlaw.com Telephone Number: 954.475.9666

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com). Any questions on litigation in the past three (3) years or other legal matters should be referred to him.

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Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☐
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: CALTRAN Engineering Group, Inc.

PNC2119168P1

LITIGATION HISTORY FORM

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☒ There are no material cases for this Vendor; or

☐ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor:
	Or No ☐
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: ASA Consultants, Inc.

Broward County Board of County Commissioners

BidSync

9/11/2019

LITIGATION HISTORY FORM

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☐ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor:
	Or No ☐
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: Eland Engineering, Inc

9/4/2019

LITIGATION HISTORY FORM

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☐ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☐
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: BMA Consulting Engineering, Inc.

LITIGATION HISTORY FORM

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Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☐
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: Stoner& Associates, Inc.

LITIGATION HISTORY FORM

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Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☐
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: RADISE International, LC

LITIGATION HISTORY FORM :

:

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:

☐ There are no material cases for this Vendor; or :

☒ Material Case(s) are disclosed below: :

:

Is this for a: (check type) : ☐ Parent, ☐ Subsidiary, or : ☐ Predecessor Firm? :	If Yes, name of Parent/Subsidiary/Predecessor: : Or No ☒
Party :	:
Case Number, Name, : and Date Filed :	Case No: 11-30999 CA 02; Date Filed: June 4, 2012
Name of Court or other tribunal :	11th Circuit Court of Miami-Dade
Type of Case :	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and : Brief description of each Count :	During a streetscaping project, the complaint alleged that the plaintiff fell off their motor scooter while driving through a construction zone.
Brief description of the Subject : Matter and Project Involved :	Chen Moore and Associates was a co-defendant in a personal injury suit with one count for negligence.
Disposition of Case : : (Attach copy of any applicable : Judgment, Settlement : Agreement and Satisfaction of : Judgment.) :	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No :
Opposing Counsel :	Name: David A. Hagen, P.A. Email: hagen.esq@lawyer.com Telephone Number: 305.373.4200

:

Vendor Name:

:

LITIGATION HISTORY FORM :

:

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:

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☒ Material Case(s) are disclosed below: :

:

Is this for a: (check type) : ☒ Parent, ☐ Subsidiary, or : ☐ Predecessor Firm? :	If Yes, name of Parent/Subsidiary/Predecessor: : Or No ☐
Party :	:
Case Number, Name, : and Date Filed :	Case No: 13-025280 CA-01 (05); Date Filed: March 12, 2014
Name of Court or other tribunal :	11th Circuit Court of Miami-Dade
Type of Case :	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and : Brief description of each Count :	Chen Moore and Associates was a co-defendant in a wrongful death action with one count of negligence.
Brief description of the Subject : Matter and Project Involved :	The complaint alleged that, during a streetscaping project, the decedent fell off the back of a motorcycle while driving through a construction zone.
Disposition of Case : : (Attach copy of any applicable : Judgment, Settlement : Agreement and Satisfaction of : Judgment.) :	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No :
Opposing Counsel :	Name: Hyram M. Montero, P.A. Email: hmontero@monterolaw.com Telephone Number: 954.767.6500

:

Vendor Name: Chen Moore and Associates

:

LITIGATION HISTORY FORM :

:

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:

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☒ Material Case(s) are disclosed below: :

:

Is this for a: (check type) : ☒ Parent, ☐ Subsidiary, or : ☐ Predecessor Firm? :	If Yes, name of Parent/Subsidiary/Predecessor: : Or No ☐
Party :	:
Case Number, Name, : and Date Filed :	Case No: 16-011970 CA-01, May 11, 2016
Name of Court or other tribunal :	11th Judicial Circuit Court in and for Miami-Dade County, 175 NW 1st Avenue, Miami, FL 33128; City of Miami Beach
Type of Case :	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and : Brief description of each Count :	The complaint alleged that, during a streetscaping project, the complainant was ejected from a motorcycle while driving through a construction zone
Brief description of the Subject : Matter and Project Involved :	
Disposition of Case : : (Attach copy of any applicable : Judgment, Settlement : Agreement and Satisfaction of : Judgment.) :	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No :
Opposing Counsel :	Name: Hugo V. Alvarez, P.A. Email: halvarez@alvarezbarbara.com Telephone Number: 305.263.7700

:

Vendor Name: :

:

Similar to the Nazario Case, in Castro v. M. Vila, City of Miami Beach, Metro Express, and CMA; Case Number 2016-011970-CA-01, CMA was similarly sued despite having no contractual responsibility with respect to the alleged defective work. This negligence action arose out of the death of a passenger on a motorcycle that is alleged to have hit a sanitary sewer manhole located within the City of Miami Beach. CMA had no responsibility whatsoever relating to sanitary sewer placement or construction

LITIGATION HISTORY FORM :

:

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:

Is this for a: (check type) : ☒ Parent, ☐ Subsidiary, or : ☐ Predecessor Firm? :	If Yes, name of Parent/Subsidiary/Predecessor: : Or No ☐
Party :	: x
Case Number, Name, : and Date Filed :	17-017197-CA-06, 7/31/17
Name of Court or other tribunal :	11th Judicial Circuit Court in and for Miami-Dade County, 175 NW 1st Avenue, Miami, FL 33128; City of Miami Beach
Type of Case :	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and : Brief description of each Count :	CMA is a co-defendant in a slip and fall accident with one count of negligence.
Brief description of the Subject : Matter and Project Involved :	The complaint alleged that, after a streetscaping project, the plaintiff fell and injured themselves on an uneven sidewalk.
Disposition of Case : : (Attach copy of any applicable : Judgment, Settlement : Agreement and Satisfaction of : Judgment.) :	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No :
Opposing Counsel :	Name: Email: Telephone Number:

:

Vendor Name:

:

LITIGATION HISTORY FORM

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Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: Thompson & Associates, Inc.

LITIGATION HISTORY FORM

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Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: Keith & Associates, Inc.

LITIGATION HISTORY FORM

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☐ Material Case(s) are disclosed below:

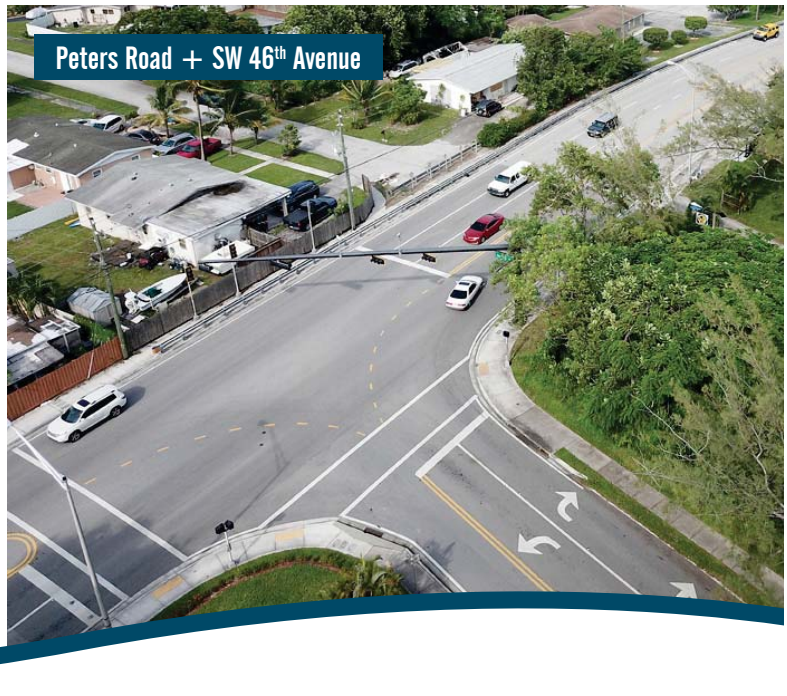
Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☐
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy ☐ Civil ☐ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: Garth Solutions, Inc.









Broward County Board of County Commissioners

BROWARD COUNTY

Board of County Commissioners

Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Bid Number: PNC2119168P1 ◆ September 11, 2019

ALL REQUIRED FORMS

THE CORRADINO GROUP

VENDOR QUESTIONNAIRE AND STANDARD CERTIFICATIONS
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

Vendor should complete questionnaire and complete and acknowledge the standard certifications and submit with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

If a response requires additional information, the Vendor should upload a written detailed response with submittal; each response should be numbered to match the question number. The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the Vendor Questionnaire be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name: The Corradino Group, Inc.
2. Doing Business As/ Fictitious Name (if applicable): N/A
3. Federal Employer I.D. no. (FEIN): 61-0713040
4. Dun and Bradstreet No.: 046656815
5. Website address (if applicable): www.corradino.com
6. Principal place of business address: 4055 NW 97th Avenue, Suite 200 Miami, FL 33178
7. Office location responsible for this project: 5200 NW 33rd Avenue, Suite 203 Fort Lauderdale, FL 33309
8. Telephone no.: 305.594.0735 Fax no.: 305.594.0755
9. Type of business (check appropriate box):
   - [X] Corporation (specify the state of incorporation): 01/13/1997
   - [ ] Sole Proprietor
   - [ ] Limited Liability Company (LLC)
   - [ ] Limited Partnership
   - [ ] General Partnership (State and County Filed In)
   - [ ] Other - Specify
10. List Florida Department of State, Division of Corporations document number (or registration number if fictitious name): F97000000207
11. List name and title of each principal, owner, officer, and major shareholder:
    a) Joseph C. Corradino, PE - C.E.O.
    b) Frederick C. P'Pool - C.O.O.
    c) Joseph M. Corradino, AICP - President
    d) Eduardo Perez De Morales - Senior V.P.

12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name: Joseph C. Corradino
Title: Chief Executive Officer
E-mail: jccorradino@corradino.com
Telephone No.: 305.594.0735

Name: Joseph M. Corradino
Title: President
E-mail: jmcorradino@corradino.com
Telephone No.: 305.594.0735

13. Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No

14. Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted. ☐ Yes ☒ No

15. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☒ No

16. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response. ☐ Yes ☒ No

17. Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No

18. Has your firm's surety ever intervened to assist in the completion of a contract or have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached written response, including contact information for owner and surety. ☐ Yes ☒ No

19. Has your firm ever failed to complete any work awarded to you, services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☒ No

20. Has your firm ever been terminated from a contract within the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No

21. Living Wage solicitations only: In determining what, if any, fiscal impacts(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract.
Living Wage had an effect on the pricing. ☐ Yes ☐ No ☒ N/A

If yes, Living Wage increased the pricing by ____ % or decreased the pricing by ____ %.

Cone of Silence Requirement Certification:
The Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances prohibits certain communications among Vendors, Commissioners, County staff, and Selection or Evaluation Committee members. Identify on a separate sheet any violations of this Ordinance by any members of the responding firm or its joint ventures. After the application of the Cone of Silence, inquiries regarding this solicitation should be directed to the Director of Purchasing or designee. The Cone of Silence terminates when the County Commission or other awarding authority takes action which ends the solicitation.

The Vendor hereby certifies that: (check each box)

☒ The Vendor has read Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances; and

☒ The Vendor understands that the Cone of Silence for this competitive solicitation shall be in effect beginning upon the appointment of the Selection or Evaluation Committee, for communication regarding this solicitation with the County Administrator, Deputy County Administrator, Assistant County Administrators, and Assistants to the County Administrator and their respective support staff or any person, including Evaluation or Selection Committee members, appointed to evaluate or recommend selection in this RFP/RLI process. For Communication with County Commissioners and Commission staff, the Cone of Silence allows communication until the initial Evaluation or Selection Committee Meeting.

☒ The Vendor agrees to comply with the requirements of the Cone of Silence Ordinance.

Drug-Free Workplace Requirements Certification:
Section 21.31.a. of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board award be made only to firms certifying the establishment of a drug free workplace program. The program must consist of:

1. Publishing a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the offeror's workplace, and specifying the actions that will be taken against employees for violations of such prohibition;

2. Establishing a continuing drug-free awareness program to inform its employees about:
   a. The dangers of drug abuse in the workplace;
   b. The offeror's policy of maintaining a drug-free workplace;
   c. Any available drug counseling, rehabilitation, and employee assistance programs; and
   d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

3. Giving all employees engaged in performance of the contract a copy of the statement required by subparagraph 1;

4. Notifying all employees, in writing, of the statement required by subparagraph 1, that as a condition of employment on a covered contract, the employee shall:
   a. Abide by the terms of the statement; and
   b. Notify the employer in writing of the employee's conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or of any state, for a violation occurring in the workplace NO later than five days after such conviction.

5. Notifying Broward County government in writing within 10 calendar days after receiving notice under subdivision 4.b above, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;

6. Within 30 calendar days after receiving notice under subparagraph 4 of a conviction, taking one of the following actions with respect to an employee who is convicted of a drug abuse violation occurring in the workplace:
   a. Taking appropriate personnel action against such employee, up to and including termination; or
   b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency; and

7. Making a good faith effort to maintain a drug-free workplace program through implementation of subparagraphs 1 through 6.

The Vendor hereby certifies that: (check box)

☒ The Vendor certifies that it has established a drug free workplace program in accordance with the above

requirements.

Non-Collusion Certification:

Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. Failure of a Vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

The Vendor hereby certifies that: (select one)

☒ The Vendor certifies that this offer is made independently and free from collusion; or

☐ The Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

Public Entities Crimes Certification:

In accordance with Public Entity Crimes, Section 287.133, Florida Statutes, a person or affiliate placed on the convicted vendor list following a conviction for a public entity crime may not submit on a contract: to provide any goods or services; for construction or repair of a public building or public work; for leases of real property to a public entity; and may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for Category Two for a period of 36 months following the date of being placed on the convicted vendor list.

The Vendor hereby certifies that: (check box)

☒ The Vendor certifies that no person or affiliates of the Vendor are currently on the convicted vendor list and/or has not been found to commit a public entity crime, as described in the statutes.

Scrutinized Companies List Certification:

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than $1 million.

The Vendor hereby certifies that: (check each box)

☒ The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4275, Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

☒ The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

☒ If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

I hereby certify the information provided in the Vendor Questionnaire and Standard Certifications:

Joseph C. Corradino, PE	Chief Executive Officer	09/05/2019
*AUTHORIZED SIGNATURE/NAME	TITLE	DATE

Vendor Name: The Corradino Group, Inc.

* I certify that I am authorized to sign this solicitation response on behalf of the Vendor as indicated in Certificate as to Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. As the Vendor's authorized representative, I attest that any and all statements, oral, written or otherwise, made in support of the Vendor's response, are accurate, true and correct. I also acknowledge that inaccurate, untruthful, or incorrect statements made in support of the Vendor's response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Procurement Code. I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).

Office of Economic and Small Business Requirements: CBE Goal Participation

A. In accordance with the Broward County Business Opportunity Act of 2012, Section 1-81, Code of Ordinances, as amended (the "Business Opportunity Act"), the County Business Enterprise (CBE) Program is applicable to this contract. All Vendors responding to this solicitation are required to utilize CBE firms to perform the assigned participation goal for this contract.

B. The CBE participation goal will be established based on the expected expenditure amount for the proposed scope of services for the project. The Office of Economic and Small Business Development (OESBD) will not include alternate items, optional services or allowances when establishing the CBE participation goal. If the County subsequently chooses to award any alternate items, optional services or allowances as determined by OESBD and the Contract Administrator to be related to the scope of services, OESBD may apply the established CBE participation goal. In such an instance, the County will issue a written notice to the successful Vendor that the CBE participation goal will also apply to the alternate items, optional services or allowances. Vendor shall submit all required forms pertaining to its compliance with the CBE participation goal, as applicable. Failure by Vendor to submit the required forms may result in the rejection of Vendor's solicitation submittal prior to the award or failure to comply with the contract requirements may have an impact on the vendor performance evaluation post award, as applicable.

C. CBE Program Requirements: Compliance with CBE participation goal requirements is a matter of responsibility; Vendor should submit all required forms and information with its solicitation submittal. If the required forms and information are not provided with the Vendor's solicitation submittal, then Vendor must supply the required forms and information no later than three (3) business days after request by OESBD. Vendor may be deemed non-responsible for failure to fully comply with CBE Program Requirements within these stated timeframes.

   1. Vendor should include in its solicitation submittal a **Letter Of Intent Between Bidder/Offeror and County Business Enterprise (CBE) Subcontractor/Supplier** for each CBE firm the Vendor intends to use to achieve the assigned CBE participation goal. The form is available at the following link: http://www.broward.org/EconDev/Documents/CBELetterOfIntent.pdf

   2. If Vendor is unable to attain the CBE participation goal, Vendor should include in its solicitation submittal an **Application for Evaluation of Good Faith Efforts** and all of the required supporting information. The form is available at the following link: http://www.broward.org/EconDev/WhatWeDo/Documents/GoodFaithEffortEval.pdf

D. OESBD maintains an online directory of CBE firms. The online directory is available for use by Vendors at https://webapps4.broward.org/smallbusiness/sbdirectory.aspx.

E. For detailed information regarding the CBE Program contact the OESBD at (954) 357-6400 or visit the website at: http://www.broward.org/EconDev/SmallBusiness/

F. If awarded the contract, Vendor agrees to and shall comply with all applicable requirements of the Business Opportunity Act and the CBE Program in the award and administration of the contract.

   1. No party to this contract may discriminate on the basis of race, color, sex, religion, national origin, disability, age, marital status, political affiliation, sexual orientation,

pregnancy, or gender identity and expression in the performance of this contract.

2. All entities that seek to conduct business with the County, including Vendor or any Prime Contractors, Subcontractors, and Bidders, shall conduct such business activities in a fair and reasonable manner, free from fraud, coercion, collusion, intimidation, or bad faith. Failure to do so may result in the cancellation of this solicitation, cessation of contract negotiations, revocation of CBE certification, and suspension or debarment from future contracts.

3. If Vendor fails to meet or make Good Faith Efforts (as defined in the Business Opportunity Act) to meet the CBE participation commitment (the "Commitment"), then Vendor shall pay the County liquidated damages in an amount equal to fifty percent (50%) of the actual dollar amount by which Vendor failed to achieve the Commitment, up to a maximum amount of ten percent (10%) of the total contract amount, excluding costs and reimbursable expenses. An example of this calculation is stated in Section 1-81.7, Broward County Code of Ordinances.

4. Vendor shall comply with all applicable requirements of the Business Opportunity Act in the award of this contract. Failure by Vendor to carry out any of these requirements shall constitute a material breach of the contract, which shall permit the County to terminate this contract or to exercise any other remedy provided under this contract, the Broward County Code of Ordinances, the Broward County Administrative Code, or other applicable laws, with all such remedies being cumulative.

5. Vendor shall pay its CBE subcontractors and suppliers, within fifteen (15) days following receipt of payment from the County, for all completed subcontracted work and supplies. If Vendor withholds an amount from CBE subcontractors or suppliers as retainage, such retainage shall be released and paid within fifteen (15) days following receipt of payment of retained amounts from the County.

6. Vendor understands that the County will monitor Vendor's compliance with the CBE Program requirements. Vendor must provide OESBD with a Monthly Utilization Report (MUR) to confirm its compliance with the Commitment agreed to in the contract; timely submission of the MUR every month throughout the term of the contract, including amendment and extension terms, is a condition precedent to the County's payment of Vendor under the contract.

LOBBYIST REGISTRATION REQUIREMENT CERTIFICATION FORM

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Vendor certifies that it understands if it has retained a lobbyist(s) to lobby in connection with a competitive solicitation, it shall be deemed non-responsive unless the firm, in responding to the competitive solicitation, certifies that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances; and it understands that if, after awarding a contract in connection with the solicitation, the County learns that the certification was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis, exercise any contractual right to terminate the contract for convenience.

The Vendor hereby certifies that: (select one)

☐ It has not retained a lobbyist(s) to lobby in connection with this competitive solicitation; however, if retained after the solicitation, the County will be notified.

☒ It has retained a lobbyist(s) to lobby in connection with this competitive solicitation and certified that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances.

It is a requirement of this solicitation that the names of any and all lobbyists retained to lobby in connection with this solicitation be listed below:

Name of Lobbyist: Judy Stern
Lobbyist's Firm: Judy Stern Consulting
Phone: 954.524.3434
E-mail: jstern@sterncnslt.com

Name of Lobbyist: Matt Sacco
Lobbyist's Firm: Rubin, Turnbull & Associates
Phone: 954.467.3993
E-mail: mattew@rubinturnbull.com

Authorized Signature/Name: Joseph C. Corradino, PE **Date:** 09/05/2019

Title: Chief Executive Officer

Vendor Name: The Corradino Group, Inc.

DOMESTIC PARTNERSHIP ACT CERTIFICATION FORM (REQUIREMENT AND TIEBREAKER)

Refer to Special Instructions to identify if Domestic Partnership Act is a requirement of the solicitation or acts only as a tiebreaker. If Domestic Partnership is a requirement of the solicitation, the completed and signed form should be returned with the Vendor's submittal. If the form is not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes. To qualify for the Domestic Partnership tiebreaker criterion, the Vendor must currently offer the Domestic Partnership benefit and the completed and signed form must be returned at time of solicitation submittal.

The Domestic Partnership Act, Section 16 ½ -157, Broward County Code of Ordinances, requires all Vendors contracting with the County, in an amount over $100,000 provide benefits to Domestic Partners of its employees, on the same basis as it provides benefits to employees' spouses, with certain exceptions as provided by the Ordinance.

For all submittals over $100,000.00, the Vendor, by virtue of the signature below, certifies that it is aware of the requirements of Broward County's Domestic Partnership Act, Section 16-½ -157, Broward County Code of Ordinances; and certifies the following: (check only one below).

☒ 1. The Vendor currently complies with the requirements of the County's Domestic Partnership Act and provides benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses

☐ 2. The Vendor will comply with the requirements of the County's Domestic Partnership Act at time of contract award and provide benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses.

☐ 3. The Vendor will not comply with the requirements of the County's Domestic Partnership Act at time of award.

☐ 4. The Vendor does not need to comply with the requirements of the County's Domestic Partnership Act at time of award because the following exception(s) applies: **(check only one below)**.

- ☐ The Vendor is a governmental entity, not-for-profit corporation, or charitable organization.
- ☐ The Vendor is a religious organization, association, society, or non-profit charitable or educational institution.
- ☐ The Vendor provides an employee the cash equivalent of benefits. (Attach an affidavit in compliance with the Act stating the efforts taken to provide such benefits and the amount of the cash equivalent).
- ☐ The Vendor cannot comply with the provisions of the Domestic Partnership Act because it would violate the laws, rules or regulations of federal or state law or would violate or be inconsistent with the terms or conditions of a grant or contract with the United States or State of Florida. Indicate the law, statute or regulation (State the law, statute or regulation and attach explanation of its applicability).

Joseph C. Corradino, PE	Chief Executive Officer	The Corradino Group, Inc.	09/05/2019
Authorized Signature/Name	**Title**	**Vendor Name**	**Date**

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☒ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	Consolidated Case #2018-008144-CA-03; 03/19/2018
Name of Court or other tribunal	Miami-Dade County 11th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Construction Defect
Brief description of the Subject Matter and Project Involved	FIU Bridge Collapse
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☒ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Christos Lagos Email: lagos@attainjustice.com Telephone Number: 305.960.1990

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com).

Twelve related cases filed against Corradino all relate to claims filed by some of the representatives of the six deceased people and at least 11 injured people resulting from the Florida International University (FIU) Pedestrian Bridge collapse on March 15, 2018, against 25 defendants involved on the job—virtually every business that touched the project. A total of 22 lawsuits have been filed related to the bridge collapse, which have been consolidated for the purpose of a global mediation.

It is important to note that Corradino's role on the FIU pedestrian bridge project was very limited; and limited to one person of hundreds on the job. Specifically, between July 6, 2017, and March 10, 2018, Corradino served as a subconsultant to the project CEI, Network Engineering Services, Inc., d/b/a Bolton Perez & Associates (BPA). Pursuant to the agreement with BPA, Corradino provided one employee at the job site. Corradino's role was to verify, "over the shoulder," that certain tests, processes, and procedures, primarily on post-tensioning and pile driving, were performed by others in accordance with plans, and to verify that the results of the testing, processes, and procedures corresponded to what Corradino observed, again "over the shoulder," as the tests, processes, and procedures were being performed by others, not Corradino, at the job site. Corradino's employee did not perform any engineering services on this project. He did not and could not perform any calculations or design services. He has no personal knowledge of a meeting on March 15, 2018, or any of the work that took place after March 10, 2018. Corradino denies liability for the March 15th bridge collapse.

It should be noted that Corradino was not identified as a responsible party through OSHA's investigation, which resulted in the citation and fining of several project participants in September 2018. In addition, Corradino has not been made a party to the NTSB investigation. Both of these developments—lack of action against Corradino in both situations—tend to confirm the exoneration of Corradino from liability. Furthermore, in June 2019, OSHA released its report on the bridge collapse. The report, which misses no opportunity to place blame on participants on the project, does not name Corradino in placing blame.

As noted, all lawsuits arise out of one incident. Corradino is cooperating with all parties and continues to maintain a positive relationship with everyone involved. Corradino has been involved in several group mediation sessions and is presently involved in both group and individual confidential settlement discussions which are expected to culminate in a settlement of all claims in the immediate future.

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☒ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	2018-004403-CA-01; Certain Underwriters at Lloyd's London, Plaintiff; 02/12/2018
Name of Court or other tribunal	Miami-Dade County 11th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Negligence
Brief description of the Subject Matter and Project Involved	False claim regarding pipe installation; Corradino not the contractor.
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Joshua R. Goodman Email: jrgoodman@cozen.com Telephone Number: 305.704.5940

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com). Any questions on litigation in the past three (3) years or other legal matters should be referred to him.

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☒ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	2017-025914-CA-01; Certain Underwriters at Lloyd's London, Plaintiff; 11/07/2017
Name of Court or other tribunal	Miami-Dade County 11th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Negligence
Brief description of the Subject Matter and Project Involved	False claim regarding pipe installation; Corradino not the contractor.
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Michael C. Black Email: mblack@marlaw.com Telephone Number: 305.271.8301

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com). Any questions on litigation in the past three (3) years or other legal matters should be referred to him.

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☒ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	2016-003005-CA-001; Derrick Perez, Plaintiff; 02/09/2016
Name of Court or other tribunal	Miami-Dade County 11th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Negligence
Brief description of the Subject Matter and Project Involved	Construction Inspection & Engineering on Roadway in Hialeah, FL
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Donald M. Kreke Email: dkreke@krekelaw.com Telephone Number: 305.669.0281

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com). Any questions on litigation in the past three (3) years or other legal matters should be referred to him.

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☒ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☒
Party	
Case Number, Name, and Date Filed	CACE 15-001420; Phyllis Simon, Plaintiff; 01/23/2015
Name of Court or other tribunal	Broward County 17th Judicial Circuit Court
Type of Case	Bankruptcy ☐ Civil ☒ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	Negligence
Brief description of the Subject Matter and Project Involved	Const. Inspection & Engineering on Roadway, Broward Co., FL
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☐ Settled ☐ Dismissed ☒ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: Bradley Winston, Esq. Email: bwinston@winstonlaw.com Telephone Number: 954.475.9666

Vendor Name: The Corradino Group, Inc.

The legal affairs of Corradino are under the responsibility of its in-house General Counsel, Burt J. Deutsch, Esq. (800.880.8241; 502.587.7221; bdeutsch@corradino.com). Any questions on litigation in the past three (3) years or other legal matters should be referred to him.

AGREEMENT EXCEPTION FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, it shall be deemed an affirmation by the Vendor that it accepts the terms and conditions of the County's Agreement as disclosed in the solicitation.

The Vendor must either provide specific proposed alternative language on the form below. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

☒ There are no exceptions to the terms and conditions of the County Agreement as referenced in the solicitation; or

☐ The following exceptions are disclosed below: (use additional forms as needed; separate each Article/ Section number)

Term or Condition Article / Section	Insert version of exception or specific proposed alternative language	Provide brief justification for change

Vendor Name: The Corradino Group, Inc.

N/A

VOLUME OF PREVIOUS WORK ATTESTATION FORM

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to provide timely may affect the Vendor's evaluation.

This completed form MUST be included with the Vendor's submittal at the time of the opening deadline to be considered for a Tie Breaker criterion (if applicable).

Points assigned for Volume of Previous Work will be based on the amount paid-to-date by the County to a prime Vendor **MINUS** the Vendo confirmed payments paid-to-date to approved certified County Business Enterprise (CBE) firms performing services as Vendor subcontractor/subconsultant to obtain the CBE goal commitment as confirmed by County's Office of Economic and Small Business Development. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must list all received payments paid-to-date by contract as a prime vendor from Broward County Board of County Commissioners. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must also list all total confirmed payments paid-to-date by contract, to approved certified CBE firms utilized to obtain the contract's CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	Prime: Paid to Date	CBE: Paid to Date
1.						
2.						
3.						
4.						
5.						
6.						
7.						
				Grand Total	0	0

Has the Vendor been a member/partner of a Joint Venture firm that was awarded a contract by the County?

Yes ☐ No ☒

If Yes, Vendor must submit a **Joint Vendor Volume of Work Attestation Form**.

Vendor Name: The Corradino Group

Joseph C. Corradino, PE	Chief Executive Officer	09/05/2019
Authorized Signature/Name	**Title**	**Date**

N/A

VOLUME OF PREVIOUS WORK ATTESTATION JOINT VENTURE FORM

If applicable, this form and additional required documentation should be submitted with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting documentation may affect the Vendor's evaluation.

If a Joint Venture, the payments paid-to-date by contract provided must encompass the Joint Venture and each of the entities forming the Joint Venture. Points assigned for Volume of Previous Work will be based on the amount paid-to-date by contract to the Joint Venture firm **MINUS** confirmed payments paid-to-date to approved certified CBE firms utilized to obtain the CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date. Amount will then be multiplied by the member firm's equity percentage.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	JV Equity Percent	Prime: Paid to Date	CBE: Paid to Date
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
					Grand Total		

Vendor is required to submit an executed Joint Venture agreement(s) and any amendments for each project listed above. Each agreement must be executed prior to the opening date of this solicitation.

Vendor Name:

Authorized Signature/Name **Title** **Date**

SCRUTINIZED COMPANIES LIST REQUIREMENT CERTIFICATION FORM

The completed and signed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non responsive for failure to fully comply within stated timeframes.

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than $1 million.

The Vendor, by virtue of the signature below, certifies that:

a. The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4725 Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

b. The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

c. If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

Joseph C. Corradino	Chief Executive Officer	The Corradino Group	09/05/2019
Authorized Signature/Name	**Title**	**Vendor Name**	**Date**

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

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B. If participation goals apply to the contract, only non-certified firms shall be identified on the form. A non-certified firm is a firm that is not listed as a firm for attainment of participation goals (ex. County Business Enterprise or Disadvantaged Business Enterprise), if applicable to the solicitation.

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D. After completion of the contract/final payment, the Vendor shall certify the final list of non-certified subcontractors, subconsultants, and suppliers that performed or provided services to the County for the referenced contract.

E. The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, state "none" on this form. Use additional sheets as needed. Vendor should scan and upload any additional form(s) in BidSync.

1. Subcontracted Firm's Name: CALTRAN Engineering Group, Inc.

   Subcontracted Firm's Address: 790 NW 107 Ave, Suite 200, Miami. FL 33172

   Subcontracted Firm's Telephone Number: (786) 456-7700

   Contact Person's Name and Position: Juan S. Calderon, PE, PTOE - Principal

   Contact Person's E-Mail Address: jcalderon@caltrangroup.com

   Estimated Subcontract/Supplies Contract Amount: $2,500 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Traffic Engineering

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
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1. Subcontracted Firm's Name: ASA Consultants, Inc.

   Subcontracted Firm's Address: 510 Shotgun Road, Suite 402 Sunrise, FL 33323

   Subcontracted Firm's Telephone Number: 754.216.2027

   Contact Person's Name and Position: Soheila Sadough / President

   Contact Person's E-Mail Address: ssadough@asaconsultants.us

   Estimated Subcontract/Supplies Contract Amount: $2,000 per standard FDOT misc. structure (based on $100,000 past work order)

   Type of Work/Supplies Provided: Misc. Structures

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

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1. Subcontracted Firm's Name: Eland Engineering, Inc.

   Subcontracted Firm's Address: 3323 West Commercial Blvd, Suite 110E
   Fort Lauderdale, FL 33309

   Subcontracted Firm's Telephone Number: 954.678.3999

   Contact Person's Name and Position: Bo Qian - Principal and Founder

   Contact Person's E-Mail Address: bqian@elandeng.com

   Estimated Subcontract/Supplies Contract Amount: $3,000.00 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Traffic/ITS

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
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1. Subcontracted Firm's Name: BMA Consulting Engineering, Inc.

   Subcontracted Firm's Address: 18503 Pines Blvd.#210.Pembroke Pines

   Subcontracted Firm's Telephone Number: (954)744 4691

   Contact Person's Name and Position: Jesus Mustafa, P.E. - Director

   Contact Person's E-Mail Address: jmustafa@bma-ce.com

   Estimated Subcontract/Supplies Contract Amount: $3,000 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Misc. Structures, Lighting, Utility Coord.

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

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1. Subcontracted Firm's Name: Stoner & Associates, Inc.

   Subcontracted Firm's Address: 4341 SW 62 Ave, Davie, FL 33314

   Subcontracted Firm's Telephone Number: (954)585-0997

   Contact Person's Name and Position: Leigh Anne Stoner, Office Manager

   Contact Person's E-Mail Address: Lstoner@stonersurveyors.com

   Estimated Subcontract/Supplies Contract Amount: $8,000 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Land Surveying

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

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1. Subcontracted Firm's Name: RADISE INTERNATIONAL L.C

   Subcontracted Firm's Address: 4152 W Blue Heron Boulevard Suite 1114, Riviera Beach, FL 33404

   Subcontracted Firm's Telephone Number: 561-841-0103

   Contact Person's Name and Position: Andrew Nixon, PE

   Contact Person's E-Mail Address: andrew.nixon@radise.net

   Estimated Subcontract/Supplies Contract Amount: $5,000 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Geotechnical services

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
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1. Subcontracted Firm's Name: Chen Moore and Associates

   Subcontracted Firm's Address: 500 West Cypress Creek Road Suite 630 Fort Lauderdale, FL 33309

   Subcontracted Firm's Telephone Number: 954.730.0707

   Contact Person's Name and Position: Cris Betancourt, RLA, Director of Landscape Architecture and Planning

   Contact Person's E-Mail Address: cbetancourt@chenmoore.com

   Estimated Subcontract/Supplies Contract Amount: $2,000 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Landscape Architect/Drainage/Environmental

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

   Contact Person's Name and Position:

   Contact Person's E-Mail Address:

   Estimated Subcontract/Supplies Contract Amount:

   Type of Work/Supplies Provided:

3. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

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1. Subcontracted Firm's Name: Thompson & Associates, Inc., Civil Engineering

   Subcontracted Firm's Address: 412 SE 18th Street, Fort Lauderdale, FL 33316

   Subcontracted Firm's Telephone Number: 954-761-1073

   Contact Person's Name and Position: Darren L. Badore, Vice President

   Contact Person's E-Mail Address: darren@thompson-inc.com

   Estimated Subcontract/Supplies Contract Amount: $4,000 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Civil Engineering

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

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1. Subcontracted Firm's Name: Keith and Associates, Inc. dba KEITH

   Subcontracted Firm's Address: 301 E. Atlantic Boulevard, Pompano Beach, FL 33060

   Subcontracted Firm's Telephone Number: 954-788-3400

   Contact Person's Name and Position: Alex Lazowick, PE, PMP

   Contact Person's E-Mail Address: alazowick@keithteam.com

   Estimated Subcontract/Supplies Contract Amount: $3,000 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: SUE, LA, Traffic

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

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1. Subcontracted Firm's Name: Garth Solutions, Inc.

   Subcontracted Firm's Address: 7951 Riviera Blvd. Suite 411 Miramar, FL 33023

   Subcontracted Firm's Telephone Number: 954-727-3001

   Contact Person's Name and Position: Yvonne Garth

   Contact Person's E-Mail Address: yvonne@garthsolutions.com

   Estimated Subcontract/Supplies Contract Amount: $1,500 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Public Outreach Services

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

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E. The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, state "none" on this form. Use additional sheets as needed. Vendor should scan and upload any additional form(s) in BidSync.

1. Subcontracted Firm's Name: Garth Solutions, Inc.

   Subcontracted Firm's Address: 7951 Riviera Blvd. Suite 411 Miramar, FL 33023

   Subcontracted Firm's Telephone Number: 954-727-3001

   Contact Person's Name and Position: Yvonne Garth

   Contact Person's E-Mail Address: yvonne@garthsolutions.com

   Estimated Subcontract/Supplies Contract Amount: $1,500 per intersection (based on $100,000 past work order)

   Type of Work/Supplies Provided: Public Outreach Services

2. Subcontracted Firm's Name:

   Subcontracted Firm's Address:

   Subcontracted Firm's Telephone Number:

AFFILIATED ENTITIES OF THE PRINCIPAL(S) CERTIFICATION FORM

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

a. All Vendors are required to disclose the names and addresses of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County.

b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.

c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

The Vendor hereby certifies that: (select one)

☒ No principal of the proposing Vendor has prior affiliations that meet the criteria defined as "Affiliated entities"

☐ Principal(s) listed below have prior affiliations that meet the criteria defined as "Affiliated entities"

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Authorized Signature Name: Joseph C. Corradino, PE

Title: Chief Executive Officer

Vendor Name: The Corradino Group, Inc.

Date: 09/05/2019

RFP-RFQ-RLI LOCATION ATTESTATION FORM (EVALUATION CRITERIA)

The completed and signed form and supporting information (if applicable, for Joint Ventures) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting information may affect the Vendor's evaluation. Provided information is subject to verification by the County.

A Vendor's principal place of business location (also known as the nerve center) within Broward County is considered in accordance with Evaluation Criteria. The County's definition of a principal place of business is:

1. As defined by the Broward County Local Preference Ordinance, "Principal place of business means the nerve center or center of overall direction, control and coordination of the activities of the bidder [Vendor]. If the bidder has only one (1) business location, such business location shall be considered its principal place of business."

2. A principal place of business refers to the place where a corporation's officers direct, control, and coordinate the corporation's day-to-day activities. It is the corporation's 'nerve center' and in practice it should normally be the place where the corporation maintains its headquarters; provided that the headquarters is the actual center of direction, control, and coordination, i.e., the 'nerve center', and not simply an office where the corporation holds its board meetings (for example, attended by directors and officers who have traveled there for the occasion).

The Vendor's principal place of business in Broward County shall be the Vendor's "Principal Address" as indicated with the Florida Department of State Division of Corporations, for at least six months prior to the solicitation's due date.

Check one of the following:

☐ The Vendor certifies that it has a principal place of business location (also known as the nerve center) within Broward County, as documented in Florida Department of State Division of Corporations (Sunbiz), and attests to the following statements:

1. Vendor's address listed in its submittal is its principal place of business as defined by Broward County;

2. Vendor's "Principal Address" listed with the Florida Department of State Division of Corporations is the same as the address listed in its submittal and the address was listed for at least six months prior to the solicitation's opening date. A copy of Florida Department of State Division of Corporations (Sunbiz) is attached as verification.

3. Vendor must be located at the listed "nerve center" address ("Principal Address") for at least six (6) months prior to the solicitation's opening date;

4. Vendor has not merged with another firm within the last six months that is not headquartered in Broward County and is not a wholly owned subsidiary or a holding company of another firm that is not headquartered in Broward County;

5. If awarded a contract, it is the intent of the Vendor to remain at the referenced address for the duration of the contract term, including any renewals, extensions or any approved interim contracts for the services provided under this contract; and

6. The Vendor understands that if after contract award, the County learns that the attestation was erroneous, and upon investigation determines that the error was willful or intentional on

the part of the Vendor, the County may, on that basis exercise any contractual right to terminate the contract. Further any misleading, inaccurate, false information or documentation submitted by any party affiliated with this procurement may lead to suspension and/or debarment from doing business with Broward County as outlined in the Procurement Code, Section 21.119.

If the Vendor is submitting a response as a Joint Venture, the following information is required to be submitted:

a. Name of the Joint Venture Partnership
b. Percentage of Equity for all Joint Venture Partners
c. A copy of the executed Agreement(s) between the Joint Venture Partners

☒ Vendor does not have a principal place of business location (also known as the nerve center) within Broward County.

Vendor Information:

Vendor Name: The Corradino Group, Inc.

Vendor's address listed in its submittal is:

4055 NW 97th Avenue, Suite 200
Miami, FL 33178

The signature below must be by an individual authorized to bind the Vendor. The signature below is an attestation that all information listed above and provided to Broward County is true and accurate.

Joseph C. Corradino, PE	Chief Executive Officer	The Corradino Group, Inc.	09/05/2019
Authorized Signature/Name	Title	Vendor Name	Date

RFP-RLI-RFQ LOCAL PREFERENCE AND TIE BREAKER CERTIFICATION FORM

The completed and signed form should be returned with the Vendor's submittal to determine Local Preference eligibility, however it must be returned at time of solicitation submittal to qualify for the Tie Break criteria. If not provided with submittal, the Vendor must submit within three business days of County's request for evaluation of Local Preference. Proof of a local business tax should be submitted with this form. Failure to timely submit this form or local business tax receipt may render the business ineligible for application of the Local Preference or Tie Break Criteria.

In accordance with Section 21.31.d. of the Broward County Procurement Code, to qualify for the Tie Break Criteria, the undersigned Vendor hereby certifies that (check box if applicable):

☒ The Vendor is a local Vendor in Broward County and:

a. has a valid Broward County local business tax receipt;
b. has been in existence for at least six-months prior to the solicitation opening;
c. at a business address physically located within Broward County;
d. in an area zoned for such business;
e. provides services from this location on a day-to-day basis, and
f. services provided from this location are a substantial component of the services offered in the Vendor's proposal.

In accordance with Local Preference, Section 1-74, et. seq., Broward County Code of Ordinances, a local business meeting the below requirements is eligible for Local Preference. To qualify for the Local Preference, the undersigned Vendor hereby certifies that (check box if applicable):

☒ The Vendor is a local Vendor in Broward and:

a. has a valid Broward County local business tax receipt issued at least one year prior to solicitation opening;
b. has been in existence for at least one-year prior to the solicitation opening;
c. provides services on a day-to-day basis, at a business address physically located within the Broward County limits in an area zoned for such business; and
d. the services provided from this location are a substantial component of the services offered in the Vendor's proposal.

Local Business Address: 5200 NW 33rd Avenue, Suite 203
Fort Lauderdale, FL 33309

Vendor does not qualify for Tie Break Criteria or Local Preference, in accordance with the above requirements. The undersigned Vendor hereby certifies that (check box if applicable): ☐ The Vendor is not a local Vendor in Broward County.

Joseph C. Corradino, PE	Chief Executive Officer	The Corradino Group, Inc.	09/05/2019
AUTHORIZED SIGNATURE/NAME	**TITLE**	**COMPANY**	**DATE**

INSURANCE REQUIREMENTS

Project: Continuing Engineering Services for Traffic, Roadway, and Civil Projects
Agency: Highway Construction and Engineering Division

TYPE OF INSURANCE	ADDL INSD	SUBR WVD	MINIMUM LIABILITY LIMITS		
				Each Occurrence	Aggregate
GENERAL LIABILITY - Broad form ☑ Commercial General Liability ☑ Premises–Operations ☐ XCU Explosion/Collapse/Underground ☑ Products/Completed Operations Hazard ☑ Contractual Insurance ☑ Broad Form Property Damage ☑ Independent Contractors ☑ Personal Injury **Per Occurrence or Claims-Made:** ☑ Per Occurrence ☐ Claims-Made **Gen'l Aggregate Limit Applies per:** ☐ Project ☐ Policy ☐ Loc. ☐ Other _____	☑	☑	Bodily Injury		
			Property Damage		
			Combined Bodily Injury and Property Damage	**$1,000,000**	**$2,000,000**
			Personal Injury		
			Products Completed Operations		
AUTO LIABILITY ☑ Comprehensive Form ☑ Owned ☑ Hired ☑ Non-owned ☑ Any Auto, If applicable *Note: May be waived if no driving will be done in performance of services/project.*	☑	☑	Bodily Injury (each person)		
			Bodily Injury (each accident)		
			Property Damage		
			Combined Bodily Injury and Property Damage	**$1,000,000**	
☐ **EXCESS LIABILITY / UMBRELLA** **Per Occurrence or Claims-Made:** ☐ Per Occurrence ☐ Claims-Made ***Note: May be used to supplement minimum liability coverage requirements.***	☑	☑			
☑ **WORKER'S COMPENSATION** *Note: U.S. Longshoremen & Harbor Workers' Act & Jones Act is required for any activities on or about navigable water.*	N/A	☑	Each Accident	**STATUTORY LIMITS**	
☑ **EMPLOYER'S LIABILITY**			Each Accident	**$1,000,000**	
☑ **PROFESSIONAL LIABILITY (ERRORS & OMISSIONS)** **All engineering, surveying and design professionals.**	N/A	☑	If claims-made form:	**$2,000,000**	
			Extended Reporting Period of:	3 years	
			*Maximum Deductible:	$100,000	
☐ **POLLUTION/ENVIRONMENTAL LIABILITY**	☐	☑	If claims-made form:		
			Extended Reporting Period of:		
			*Maximum Deductible:		
☐ Installation floater is required if Builder's Risk or Property are not carried. *Note: Coverage must be "All Risk", Completed Value.*			*Maximum Deductible:	$10,000	**Completed Value**
			Contractor is responsible for deductible		

Description of Operations: "Broward County" shall be listed as Certificate Holder and endorsed as an additional insured for liability, except as to Professional Liability. County shall be provided 30 days written notice of cancellation, 10 days' notice of cancellation for non-payment. Contractors insurance shall provide primary coverage and shall not require contribution from the County, self-insurance or otherwise. Any self-insured retention (SIR) higher than the amount permitted in this Agreement must be declared to and approved by County and may require proof of financial ability to meet losses. Contractor is responsible for all coverage deductibles unless otherwise specified in the agreement.

CERTIFICATE HOLDER:

Broward County
115 South Andrews Avenue
Fort Lauderdale, Florida 33301

Cpounall cpounall@broward.org cn=cpounall@broward.org 2019.07.11 13:03:41 -04'00'

Risk Management Division

ACORD®

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Aon Risk Services, Inc of Florida
1001 Brick ll Bay Drive
Suite 1100
Miami FL 33131 USA

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The Corradino Group, Inc.
4055 NW 97th Avenue
Suite 200
Miami FL 33178 USA

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%.890/0$+*	Hartford Insurance Co Of The Southeast	38261
%.890/0$>*	Starr Surplus Lines Insurance Company	13604
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THIS IS O CERTIFY HA THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED O THE INSURED NAMED ABOVE FOR HE POLICY PERIOD INDICATED. NOTWITHSTANDING NY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT O WHICH THIS CERTIFICA E MAY BE ISSUED OR MAY PER IN, THE INSURANCE FFORDED BY HE POLICIES DESCRIBED HEREIN IS SUBJECT O LL HE ERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. 5(D('=$=<ÀU&$-#"$-=$#"ME"="'!

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							MED EXP (Any one person)	$10,000
							PERSONAL & ADV INJURY	$1,000,000
							GENERAL AGGREGA E	$2,000,000
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							BODILY INJURY (Per person)	
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							E.L. EACH ACCIDENT	$1,000,000
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>	E&O-PL-Primary			1000600229191	07/11/2019	07/11/2019	Each Claim Deductible Aggregate	$10,000,000 $150,000 $10,000,000

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Broward County
115 South Andrews Avenue
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Bid #PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

RFP

Q & A deadline: Aug 27, 2019 5:00:00 PM EDT S

Print S

10 Questions S

0 Unanswered Questions S

1. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

H S many Vend r Reference Verificati n F rms are required? Page 33 states t pr vide a minimum f three references. H S ever, the S Evaluati n Criteria table states that a minimum f three references is required f r each f the five pr ject types (p tentially 15 f rms). - S Aug 16, 2019 3:06:17 PM EDT S

Answer - Aug 21, 2019 4:54:32 PM EDT S
Refer t Addendum N S 1. S

2. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

What is the CBE g Sal? - Aug 16, 2019 4:51:19 PM EDT S

Answer - Aug 16, 2019 5:08:20 PM EDT S
Refer t pecial Instructi ns t Vend rs, ecti n B, Additi nal Resp nsibility Criteria. S

3. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

Pg 28, item 4 C Snstructi n training qualificati n pr gram certificati ns stats: "The d cumentati n bel S sh Sld be submitted ith the S s licitati n resp nse but must be submitted ithin three business days f C Sunty's request. D cumentati n (certificates) indicating that S all the CEI pers nnel are CTQP (C Snstructi n Training Qualificati n Pr gram) certified by the tate f Fl rida Department f S Transp rtati n and their certificati n(s) are current n the items they ill be inspecting." S

- The CTQP rep rting site f r FDOT is currently unavailable and CTQP c Sfirmati n is being made thr ugh an email request. The S CTQP rep rts are n t pr vided thr ugh these requests, nly a list f the individual CTQP certificati ns. S
- H S d es the c Snty ant submitting firms t pr ceed ith pr viding d cumentati n f r the CTQP certificati ns? - Aug 19, 2019 S 10:54:49 AM EDT S

Answer - Aug 29, 2019 12:09:13 PM EDT S
The C Sunty has c Sntacted FDOT and has c Sfirmed that the CTQP rep rting site is currently unavailable and ill n t be up and S running f r several eeks. Alth Sgh the CTQP rep rting site is d S n, the prime pr p ser is resp nsible f r verifying individualâ□□s S current CTQP certificati n by c Sntacting the f ll Sing individual at FDOT. The email request must include list f the technicianâ□□s S names and their Technician Identificati n Number (TIN) used in the FDOT system. S

Ms. usan J. R Sbes n S
tate C Snstructi n Training C S rdinat r S
susan.r bes n@d Sstate.fl.us S
850-414-4492 S

The prime pr p ser sh Sld n t submit FDOTâ□□s email resp nse ith its submittal thr ugh Bid Sync. H S ever, the prime pr p ser S must ensure the requested inf rmati n is readily available and pr vide the email resp nse ithin three business days f the S C Sntyâ□□s request. S

4. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

Wou Sld the C Sunty c Snsider all Sing PDFs t be d S nl aded instead f Word Sd cuments f r the submittal requirements? - Aug 19, S 2019 11:07:23 AM EDT S

Answer - Aug 21, 2019 2:57:35 PM EDT S
Yes, the C Sunty ill all S PDFs t be d S nl aded. H S ever, the PDF d cuments cann t be l cked r secured. S

5. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

Is the litigati n f rm nly f r the prime c Snsultant? - Aug 22, 2019 2:51:10 PM EDT S

Answer - Aug 22, 2019 3:37:45 PM EDT S
In additi n t prime c Snsultant, refer t tandard Instructi ns t Vend rs, Litigati n Hist ry, ecti n e., hich states the f ll Sing: A S vend r is required t discl se t the C Sunty any and all cases(s) that exist bet een the C Sunty and any f the Vend r's S subc Sntract rs/subc Snsultants pr p sed t Srk n this pr ject during the last five (5) years pri r t the s licitati n resp nse. S

6. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

If a prime c Sn sultant is currently missing 6.2 and is in the pr cess f btaining it but have t S (2) sub-c Sn sultants n their team h S has 6.2, can they submit as the prime vend r? - Aug 22, 2019 5:56:51 PM EDT S

Answer - Aug 28, 2019 3:57:32 PM EDT S
If prime c Sn sultant d es n t have 6.2, it can submit sub-c Sn sultants' t meet the requirements. H S ever, the prime vend r "sh Sld" S p Sn sess th Se indicated. upp rting inf rmati n ill be pr vided t the Evaluati n C Sn mittee t indicate h S n the team p ssess S certificati ns (prime r c Sn sultant). S

7. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

Evaluati n Criteria / Financial Inf rmati n – Under " tandard Instructi ns t Vend rs" Item W., the RFP says that nce "all d cuments S are vie Sn d, submitted, and/ r accepted in Bid Sync, the Vend r must upl ad additi nal inf rmati n requested by the s licitati n (i.e. S Evaluati n Criteria and Financials tatements) in the Item Resp nse F Sn m in Bid Sync, under line ne" – right n S Line Items just S sh S s the s licitati n; d e click Place Offer t upl ad a d cument (Evaluati n Criteria and the Financial Inf rmati n)? Basically, S please pr vide clarificati n n h S e upl ad this inf rmati n? - Aug 26, 2019 11:50:54 AM EDT S

Answer - Aug 28, 2019 3:57:32 PM EDT S
Yes, the Place Offer butt n must be clicked bef re upl ading a d cument. The steps t upl ad a d cument are as f ll Sn s: 1) Make S sure all d cuments n the d cuments tab are Vie Sn d, Accepted r Taken Excepti n; 2) Click n Place Offer n at the b St m f the S screen. 3) On the right-hand side f the page, there ill be an Upl ad Attachment pti n that all Sn s the upl ad additi nal S d cuments. F Sn further assistance, c Sn tact Bid Sync directly at 1-800-990-9339. S

8. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

Litigati n â□□ it ur understanding e use the Litigati n Hist ry f rm f r the prime c Sn sultant. H S ever, e als kn S e need t S discl se the litigati n f r ur subc Sn sultants (hich Q&A #5 c Sn firms). But, h S d es the C Sn unty ant this submitted? h Sld ur subs S als fill ut the Litigati n Hist ry f rm f r each f their cases (if applicable), r sh Sld e pr vide a summary s me Sn here in ur ritten S Evaluati n Criteria? Please advise. - Aug 26, 2019 11:51:08 AM EDT S

Answer - Aug 28, 2019 3:56:18 PM EDT S
The litigati n hist ry f subc Sn sultants ith the C Sn unty sh Sld be pr vided n a separate Litigati n Hist ry F Sn m(s). A summary f S the subc Sn sultant's litigati n hist ry sh Sld n t be pr vided in the ritten Evaluati n Criteria. S

9. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

Is there a page limit ass ciated ith the Evaluati n Criteria? - Aug 26, 2019 1:50:05 PM EDT S

Answer - Aug 28, 2019 3:56:18 PM EDT S
There is n page limit ass ciated ith the Evaluati n Criteria. H S ever, the resp nses t the Evaluati n Criteria sh Sld be ans Sn red S in the same f rmat f the Evaluati n Criteria d cument in a clear and c Sn cise manner. S

10. PNC2119168P1 - Continuing Engineering Services for Traffic, Roadway, and Civil Projects S

In Lieu f Tr pical t rm D rien targeting Suth Fl rida as ell as the h Sld ay n M n Sn ay ill y u c Sn sider extending the deadline f r S the ab ve menti ned pursuit 1 eek? - Aug 26, 2019 4:49:19 PM EDT S

Answer - Aug 28, 2019 3:56:18 PM EDT S
Br Sn ard C Sn unty is c Sn tinually m n Sn ring the pr gress f Tr pical t rm D rian. P Sn tential pr p sers are advised t c Sn tinually S m n Sn r Bid Sync f r any future addended that may be released. S

Results Per Page: S5 S▾

Supplier: **The Corradino Group**

Standard Instructions to Vendors
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

Vendors are instructed to read and follow the instructions carefully, as any misinterpretation or failure to comply with instructions may lead to a Vendor's submittal being rejected.

Vendor MUST submit its solicitation response electronically and MUST confirm its submittal in order for the County to receive a valid response through BidSync. Refer to the Purchasing Division website or contact BidSync for submittal instructions.

A. Responsiveness Criteria:

In accordance with Broward County Procurement Code Section 21.8.b.65, a Responsive Bidder [Vendor] means a person who has submitted a proposal which conforms in all material respects to a solicitation. The solicitation submittal of a responsive Vendor must be submitted on the required forms, which contain all required information, signatures, notarizations, insurance, bonding, security, or other mandated requirements required by the solicitation documents to be submitted at the time of proposal opening.

Failure to provide the information required below at the time of submittal opening may result in a recommendation Vendor is non-responsive by the Director of Purchasing. The Selection or Evaluation Committee will determine whether the firm is responsive to the requirements specified herein. The County reserves the right to waive minor technicalities or irregularities as is in the best interest of the County in accordance with Section 21.30.f.1(c) of the Broward County Procurement Code.

Below are standard responsiveness criteria; refer to **Special Instructions to Vendors**, for Additional Responsiveness Criteria requirement(s).

1. **Lobbyist Registration Requirement Certification**
   Refer to **Lobbyist Registration Requirement Certification**. The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

2. **Addenda**
   The County reserves the right to amend this solicitation prior to the due date. Any change(s) to this solicitation will be conveyed through the written addenda process. Only written addenda will be binding. If a "must" addendum is issued, Vendor must follow instructions and submit required information, forms, or acknowledge addendum, as instructed therein. It is the responsibility of all potential Vendors to monitor the solicitation for any changing information, prior to submitting their response.

B. Responsibility Criteria:

Definition of a Responsible Vendor: In accordance with Section 21.8.b.64 of the Broward County Procurement Code, a Responsible Vendor means a Vendor who has the capability in all respects to perform the contract requirements, and the integrity and reliability which will assure good faith performance.

The Selection or Evaluation Committee will recommend to the awarding authority a determination of

a Vendor's responsibility. At any time prior to award, the awarding authority may find that a Vendor is not responsible to receive a particular award.

Failure to provide any of this required information and in the manner required may result in a recommendation by the Director of Purchasing that the Vendor is non-responsive.

Below are standard responsibility criteria; refer to **Special Instructions to Vendors**, for Additional Responsibility Criteria requirement(s).

1. **Litigation History**

   a. All Vendors are required to disclose to the County all "material" cases filed, pending, or resolved during the last three (3) years prior to the solicitation response due date, whether such cases were brought by or against the Vendor, any parent or subsidiary of the Vendor, or any predecessor organization. Additionally, all Vendors are required to disclose to the County all "material" cases filed, pending, or resolved against any principal of Vendor, regardless of whether the principal was associated with Vendor at the time of the "material" cases against the principal, during the last three (3) years prior to the solicitation response. A case is considered to be "material" if it relates, in whole or in part, to any of the following:

      i. A similar type of work that the vendor is seeking to perform for the County under the current solicitation;
      ii. An allegation of fraud, negligence, error or omissions, or malpractice against the vendor or any of its principals or agents who would be performing work under the current solicitation;
      iii. A vendor's default, termination, suspension, failure to perform, or improper performance in connection with any contract;
      iv. The financial condition of the vendor, including any bankruptcy petition (voluntary and involuntary) or receivership; or
      v. A criminal proceeding or hearing concerning business-related offenses in which the vendor or its principals (including officers) were/are defendants.

   b. For each material case, the Vendor is required to provide all information identified in the **Litigation History Form**. Additionally, the Vendor shall provide a copy of any judgment or settlement of any material case during the last three (3) years prior to the solicitation response. Redactions of any confidential portions of the settlement agreement are only permitted upon a certification by Vendor that all redactions are required under the express terms of a pre-existing confidentiality agreement or provision.

   c. The County will consider a Vendor's litigation history information in its review and determination of responsibility.

   d. If the Vendor is a joint venture, the information provided should encompass the joint venture and each of the entities forming the joint venture.

   e. A vendor is required to disclose to the County any and all cases(s) that exist between the County and any of the Vendor's subcontractors/subconsultants proposed to work on this project during the last five (5) years prior to the solicitation response.

   f. Failure to disclose any material case, including all requested information in connection with each such case, as well as failure to disclose the Vendor's subcontractors/subconsultants litigation history against the County, may result in the Vendor being deemed non-responsive.

2. **Financial Information**

   a. All Vendors are required to provide the Vendor's financial statements at the time of submittal

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in order to demonstrate the Vendor's financial capabilities.

b. Each Vendor shall submit its most recent two years of financial statements for review. The financial statements are not required to be audited financial statements. The annual financial statements will be in the form of:

i. Balance sheets, income statements and annual reports; or
ii. Tax returns; or
iii. SEC filings.

If tax returns are submitted, ensure it does not include any personal information (as defined under Florida Statutes Section 501.171, Florida Statutes), such as social security numbers, bank account or credit card numbers, or any personal pin numbers. If any personal information data is part of financial statements, redact information prior to submitting a response the County.

c. If a Vendor has been in business for less than the number of years of required financial statements, then the Vendor must disclose all years that the Vendor has been in business, including any partial year-to-date financial statements.

d. The County may consider the unavailability of the most recent year's financial statements and whether the Vendor acted in good faith in disclosing the financial documents in its evaluation.

e. Any claim of confidentiality on financial statements should be asserted at the time of submittal. Refer to **Standard Instructions to Vendors**, Confidential Material/ Public Records and Exemptions for instructions on submitting confidential financial statements. The Vendor's failure to provide the information as instructed may lead to the information becoming public.

f. Although the review of a Vendor's financial information is an issue of responsibility, the failure to either provide the financial documentation or correctly assert a confidentiality claim pursuant the Florida Public Records Law and the solicitation requirements (Confidential Material/ Public Records and Exemptions section) may result in a recommendation of non-responsiveness by the Director of Purchasing.

3. **Authority to Conduct Business in Florida**

a. A Vendor must have the authority to transact business in the State of Florida and be in good standing with the Florida Secretary of State. For further information, contact the Florida Department of State, Division of Corporations.

b. The County will review the Vendor's business status based on the information provided in response to this solicitation.

c. It is the Vendor's responsibility to comply with all state and local business requirements.

d. Vendor should list its active Florida Department of State Division of Corporations Document Number (or Registration No. for fictitious names) in the **Vendor Questionnaire**, Question No. 10.

e. If a Vendor is an out-of-state or foreign corporation or partnership, the Vendor must obtain the authority to transact business in the State of Florida or show evidence of application for the authority to transact business in the State of Florida, upon request of the County.

f. A Vendor that is not in good standing with the Florida Secretary of State at the time of a

submission to this solicitation may be deemed non-responsible.

g. If successful in obtaining a contract award under this solicitation, the Vendor must remain in good standing throughout the contractual period of performance.

4. Affiliated Entities of the Principal(s)

a. All Vendors are required to disclose the names and addresses of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County. The Vendor is required to provide all information required on the **Affiliated Entities of the Principal(s) Certification Form**.

b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.

c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

5. Insurance Requirements

The **Insurance Requirement Form** reflects the insurance requirements deemed necessary for this project. It is not necessary to have this level of insurance in effect at the time of submittal, but it is necessary to submit certificates indicating that the Vendor currently carries the insurance or to submit a letter from the carrier indicating it can provide insurance coverages.

C. Additional Information and Certifications

The following forms and supporting information (if applicable) should be returned with Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

1. Vendor Questionnaire

Vendor is required to submit detailed information on their firm. Refer to the **Vendor Questionnaire** and submit as instructed.

2. Standard Certifications

Vendor is required to certify to the below requirements. Refer to the **Standard Certifications** and submit as instructed.

a. **Cone of Silence Requirement Certification**
b. **Drug-Free Workplace Certification**
c. **Non-Collusion Certification**
d. **Public Entities Crimes Certification**
e. **Scrutinized Companies List Certification**

3. Subcontractors/Subconsultants/Suppliers Requirement

The Vendor shall submit a listing of all subcontractors, subconsultants, and major material suppliers, if any, and the portion of the contract they will perform. Vendors must follow the instructions included on the **Subcontractors/Subconsultants/Suppliers Information Form** and submit as instructed.

D. Standard Agreement Language Requirements

1. The acceptance of or any exceptions taken to the terms and conditions of the County's Agreement shall be considered a part of a Vendor's submittal and will be considered by the Selection or Evaluation Committee.

2. The applicable Agreement terms and conditions for this solicitation are indicated in the **Special Instructions to Vendors.**

3. Vendors are required to review the applicable terms and conditions and submit the **Agreement Exception Form**. If the **Agreement Exception Form** is not provided with the submittal, it shall be deemed an affirmation by the Vendor that it accepts the Agreement terms and conditions as disclosed in the solicitation.

4. If exceptions are taken, the Vendor must specifically identify each term and condition with which it is taking an exception. Any exception not specifically listed is deemed waived. Simply identifying a section or article number is not sufficient to state an exception. Provide either a redlined version of the specific change(s) or specific proposed alternative language. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

5. Submission of any exceptions to the Agreement does not denote acceptance by the County. Furthermore, taking exceptions to the County's terms and conditions may be viewed unfavorably by the Selection or Evaluation Committee and ultimately may impact the overall evaluation of a Vendor's submittal.

E. Evaluation Criteria

1. The Selection or Evaluation Committee will evaluate Vendors as per the **Evaluation Criteria.** The County reserves the right to obtain additional information from a Vendor.

2. Vendor has a continuing obligation to inform the County in writing of any material changes to the information it has previously submitted. The County reserves the right to request additional information from Vendor at any time.

3. For Request for Proposals, the following shall apply:

   a. The Director of Purchasing may recommend to the Evaluation Committee to short list the most qualified firms prior to the Final Evaluation.

   b. The Evaluation Criteria identifies points available; a total of 100 points is available.

   c. If the Evaluation Criteria includes a request for pricing, the total points awarded for price is determined by applying the following formula:

      (Lowest Proposed Price/Vendor's Price) x (Maximum Number of Points for Price)
      = Price Score

   d. After completion of scoring, the County may negotiate pricing as in its best interest.

4. For Requests for Letters of Interest or Request for Qualifications, the following shall apply:

   a. The Selection or Evaluation Committee will create a short list of the most qualified firms.

   b. The Selection or Evaluation Committee will either:

i. Rank shortlisted firms; or
ii. If the solicitation is part of a two-step procurement, shortlisted firms will be requested to submit a response to the Step Two procurement.

F. Demonstrations

If applicable, as indicated in Special Instructions to Vendors, Vendors will be required to demonstrate the nature of their offered solution. After receipt of submittals, all Vendors will receive a description of, and arrangements for, the desired demonstration. In accordance with Section 286.0113 of the Florida Statutes and pursuant to the direction of the Broward County Board of Commissioners, demonstrations are closed to only the vendor team and County staff.

G. Presentations

Vendors that are found to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) will have an opportunity to make an oral presentation to the Selection or Evaluation Committee on the Vendor's approach to this project and the Vendor's ability to perform. The committee may provide a list of subject matter for the discussion. All Vendor's will have equal time to present but the question-and-answer time may vary. In accordance with Section 286.0113 of the Florida Statutes and the direction of the Broward County Board of Commissioners, presentations during Selection or Evaluation Committee Meetings are closed. Only the Selection or Evaluation Committee members, County staff and the vendor and their team scheduled for that presentation will be present in the Meeting Room during the presentation and subsequent question and answer period.

H. Public Art and Design Program

If indicated in **Special Instructions to Vendors,** Public Art and Design Program, Section 1-88, Broward County Code of Ordinances, applies to this project. It is the intent of the County to functionally integrate art, when applicable, into capital projects and integrate artists' design concepts into this improvement project. The Vendor may be required to collaborate with the artist(s) on design development within the scope of this request. Artist(s) shall be selected by Broward County through an independent process. For additional information, contact the Broward County Cultural Division.

I. Committee Appointment

The Cone of Silence shall be in effect for County staff at the time of the Selection or Evaluation Committee appointment and for County Commissioners and Commission staff at the time of the Shortlist Meeting of the Selection Committee or the Initial Evaluation Meeting of the Evaluation Committee. The committee members appointed for this solicitation are available on the Purchasing Division's website under Committee Appointment.

J. Committee Questions, Request for Clarifications, Additional Information

At any committee meeting, the Selection or Evaluation Committee members may ask questions, request clarification, or require additional information of any Vendor's submittal or proposal. It is highly recommended Vendors attend to answer any committee questions (if requested), including a Vendor representative that has the authority to bind.

Vendor's answers may impact evaluation (and scoring, if applicable). Upon written request to the Purchasing Agent prior to the meeting, a conference call number will be made available for Vendor participation via teleconference. Only Vendors that are found to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) are requested to participate in a final (or presentation) Selection or Evaluation committee meeting.

K. Vendor Questions

The County provides a specified time for Vendors to ask questions and seek clarification regarding solicitation requirements. All questions or clarification inquiries must be submitted through BidSync by the date and time referenced in the solicitation document (including any addenda). The County will respond to questions via Bid Sync.

L. Confidential Material/ Public Records and Exemptions

1. Broward County is a public agency subject to Chapter 119, Florida Statutes. Upon receipt, all submittals become "public records" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes. Submittals may be posted on the County's public website or included in a public records request response, unless there is a declaration of "confidentiality" pursuant to the public records law and in accordance with the procedures in this section.

2. Any confidential material(s) the Vendor asserts is exempt from public disclosure under Florida Statutes must be labeled as "Confidential", and marked with the specific statute and subsection asserting exemption from Public Records.

3. To submit confidential material, three hardcopies must be submitted in a sealed envelope, labeled with the solicitation number, title, date and the time of solicitation opening to:

   Broward County Purchasing Division
   115 South Andrews Avenue, Room 212
   Fort Lauderdale, FL 33301

4. Material will not be treated as confidential if the Vendor does not cite the applicable Florida Statute (s) allowing the document to be treated as confidential.

5. Any materials that the Vendor claims to be confidential and exempt from public records must be marked and separated from the submittal. If the Vendor does not comply with these instructions, the Vendor's claim for confidentiality will be deemed as waived.

6. Submitting confidential material may impact full discussion of your submittal by the Selection or Evaluation Committee because the Committee will be unable to discuss the details contained in the documents cloaked as confidential at the publicly noticed Committee meeting.

M. Copyrighted Materials

Copyrighted material is not exempt from the Public Records Law, Chapter 119, Florida Statutes. Submission of copyrighted material in response to any solicitation will constitute a license and permission for the County to make copies (including electronic copies) as reasonably necessary for the use by County staff and agents, as well as to make the materials available for inspection or production pursuant to Public Records Law, Chapter 119, Florida Statutes.

N. State and Local Preferences

If the solicitation involves a federally funded project where the fund requirements prohibit the use of state and/or local preferences, such preferences contained in the Local Preference Ordinance and Broward County Procurement Code will not be applied in the procurement process.

O. Local Preference

Except where otherwise prohibited by federal or state law or other funding source restrictions, a local Vendor whose submittal is within 5% of the highest total ranked Vendor outside of the preference area will become the Vendor with whom the County will proceed with negotiations for a

final contract. Refer to **Local Vendor Certification Form (Preference and Tiebreaker)** for further information.

P. Tiebreaker Criteria

In accordance with Section 21.31.d of the Broward County Procurement Code, the tiebreaker criteria shall be applied based upon the information provided in the Vendor's response to the solicitation. In order to receive credit for any tiebreaker criterion, complete and accurate information must be contained in the Vendor's submittal.

1. **Local Vendor Certification Form (Preference and Tiebreaker);**
2. **Domestic Partnership Act Certification (Requirement and Tiebreaker);**
3. **Tiebreaker Criteria Form: Volume of Work Over Five Years**

Q. Posting of Solicitation Results and Recommendations

The Broward County Purchasing Division's website is the location for the County's posting of all solicitations and contract award results. It is the obligation of each Vendor to monitor the website in order to obtain complete and timely information.

R. Review and Evaluation of Responses

A Selection or Evaluation Committee is responsible for recommending the most qualified Vendor(s). The process for this procurement may proceed in the following manner:

1. The Purchasing Division delivers the solicitation submittals to agency staff for summarization for the committee members. Agency staff prepares a report, including a matrix of responses submitted by the Vendors. This may include a technical review, if applicable.

2. Staff identifies any incomplete responses. The Director of Purchasing reviews the information and makes a recommendation to the Selection or Evaluation Committee as to each Vendor's responsiveness to the requirements of the solicitation. The final determination of responsiveness rests solely on the decision of the committee.

3. At any time prior to award, the awarding authority may find that a Vendor is not responsible to receive a particular award. The awarding authority may consider the following factors, without limitation: debarment or removal from the authorized Vendors list or a final decree, declaration or order by a court or administrative hearing officer or tribunal of competent jurisdiction that the Vendor has breached or failed to perform a contract, claims history of the Vendor, performance history on a County contract(s), an unresolved concern, or any other cause under this code and Florida law for evaluating the responsibility of a Vendor.

S. Vendor Protest

Sections 21.118 and 21.120 of the Broward County Procurement Code set forth procedural requirements that apply if a Vendor intends to protest a solicitation or proposed award of a contract and state in part the following:

1. Any protest concerning the solicitation or other solicitation specifications or requirements must be made and received by the County within seven business days from the posting of the solicitation or addendum on the Purchasing Division's website. Such protest must be made in writing to the Director of Purchasing. Failure to timely protest solicitation specifications or requirements is a waiver of the ability to protest the specifications or requirements.

2. Any protest concerning a solicitation or proposed award above the award authority of the Director of Purchasing, after the RLI or RFP opening, shall be submitted in writing and received by the Director of Purchasing within five business days from the posting of the recommendation of award for Invitation to Bids or the final recommendation of ranking for Request for Letters of Interest and Request for Proposals on the Purchasing Division's website.

3. Any actual or prospective Vendor who has a substantial interest in and is aggrieved in connection with the proposed award of a contract that does not exceed the amount of the award authority of the Director of Purchasing, may protest to the Director of Purchasing. The protest shall be submitted in writing and received within three (3) business days from the posting of the recommendation of award for Invitation to Bids or the final recommendation of ranking for Request for Letters of Interest and Request for Proposals on the Purchasing Division's website.

4. For purposes of this section, a business day is defined as Monday through Friday between 8:30 a.m. and 5:00 p.m. Failure to timely file a protest within the time prescribed for a proposed contract award shall be a waiver of the Vendor's right to protest.

5. As a condition of initiating any protest, the protestor shall present the Director of Purchasing a nonrefundable filing fee in accordance with the table below.

Estimated Contract Amount	Filing Fee
$30,000 - $250,000	$ 500
$250,001 - $500,000	$1,000
$500,001 - $5 million	$3,000
Over $5 million	5,000

If no contract proposal amount was submitted, the estimated contract amount shall be the County's estimated contract price for the project. The County may accept cash, money order, certified check, or cashier's check, payable to Broward County Board of Commissioners.

T. Right of Appeal

Pursuant to Section 21.83.d of the Broward County Procurement Code, any Vendor that has a substantial interest in the matter and is dissatisfied or aggrieved in connection with the Selection or Evaluation Committee's determination of responsiveness may appeal the determination pursuant to Section 21.120 of the Broward County Procurement Code.

1. The appeal must be in writing and sent to the Director of Purchasing within ten (10) calendar days of the determination by the Selection or Evaluation Committee to be deemed timely.

2. As required by Section 21.120, the appeal must be accompanied by an appeal bond by a Vendor having standing to protest and must comply with all other requirements of this section.

3. The institution and filing of an appeal is an administrative remedy to be employed prior to the institution and filing of any civil action against the County concerning the subject matter of the appeal.

U. Rejection of Responses

The Selection or Evaluation Committee may recommend rejecting all submittals as in the best interests of the County. The rejection shall be made by the Director of Purchasing, except when a solicitation was approved by the Board, in which case the rejection shall be made by the Board.

V. Negotiations

The County intends to conduct the first negotiation meeting no later than two weeks after approval of the final ranking as recommended by the Selection or Evaluation Committee. At least one of the representatives for the Vendor participating in negotiations with the County must be authorized to bind the Vendor. In the event that the negotiations are not successful within a reasonable timeframe (notification will be provided to the Vendor) an impasse will be declared and negotiations with the first-ranked Vendor will cease. Negotiations will begin with the next ranked Vendor, etc. until such time that all requirements of Broward County Procurement Code have been met. In accordance with Section 286.0113 of the Florida Statutes and the direction of the Broward County Board of Commissioners, negotiations resulting from Selection or Evaluation Committee Meetings are closed. Only County staff and the selected vendor and their team will be present during negotiations.

W. Submittal Instructions:

1. Broward County does not require any personal information (as defined under Section 501.171, Florida Statutes), such as social security numbers, driver license numbers, passport, military ID, bank account or credit card numbers, or any personal pin numbers, in order to submit a response for ANY Broward County solicitation. DO NOT INCLUDE any personal information data in any document submitted to the County. If any personal information data is part of a submittal, this information must be redacted prior to submitting a response to the County.

2. **Vendor MUST submit its solicitation response electronically and MUST confirm its submittal in order for the County to receive a valid response through BidSync.** It is the Vendor's sole responsibility to assure its response is submitted and received through BidSync by the date and time specified in the solicitation.

3. The County will not consider solicitation responses received by other means. Vendors are encouraged to submit their responses in advance of the due date and time specified in the solicitation document. In the event that the Vendor is having difficulty submitting the solicitation document through Bid Sync, immediately notify the Purchasing Agent and then contact BidSync for technical assistance.

4. Vendor must view, submit, and/or accept each of the documents in BidSync. Web-fillable forms can be filled out and submitted through BidSync.

5. After all documents are viewed, submitted, and/or accepted in BidSync, the Vendor must upload additional information requested by the solicitation (i.e. Evaluation Criteria and Financials Statements) in the Item Response Form in BidSync, under line one (regardless if pricing requested).

6. Vendor should upload responses to Evaluation Criteria in Microsoft Word or Excel format.

7. If the Vendor is declaring any material confidential and exempt from Public Records, refer to Confidential Material/ Public Records and Exemptions for instructions on submitting confidential material.

8. After all files are uploaded, Vendor must submit and **CONFIRM** its offer (by entering password) for offer to be received through BidSync.

9. If a solicitation requires an original Proposal Bond (per Special Instructions to Vendors), Vendor must submit in a sealed envelope, labeled with the solicitation number, title, date and the time of solicitation opening to:

    Broward County Purchasing Division
    115 South Andrews Avenue, Room 212
    Fort Lauderdale, FL 33301

    A copy of the Proposal Bond should also be uploaded into Bid Sync; this does not replace the requirement to have an original proposal bond. Vendors must submit the original Proposal Bond, by the solicitation due date and time.

Supplier: **The Corradino Group**

VENDOR QUESTIONNAIRE AND STANDARD CERTIFICATIONS
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

Vendor should complete questionnaire and complete and acknowledge the standard certifications and submit with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

If a response requires additional information, the Vendor should upload a written detailed response with submittal; each response should be numbered to match the question number. The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the Vendor Questionnaire be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name:**The Corradino Group, Inc.**
2. Doing Business As/ Fictitious Name (if applicable):**N/A**
3. Federal Employer I.D. no. (FEIN):**61-0713040**
4. Dun and Bradstreet No.:**046656815**
5. Website address (if applicable): **www.corradino.com**
6. Principal place of business address: **4055 NW 97th Avenue, Suite 200**
   Miami, FL 33178
7. Office location responsible for this project: **5200 NW 33rd Avenue, Suite 203**
   Fort Lauderdale, FL 33309
8. Telephone no.:**305.594.0735** Fax no.:**305.594.0755**
9. Type of business (check appropriate box):
   - ☑ Corporation (specify the state of incorporation):**FL**
   - ☐ Sole Proprietor
   - ☐ Limited Liability Company (LLC)
   - ☐ Limited Partnership
   - ☐ General Partnership (State and County Filed In)
   - ☐ Other - Specify
10. List Florida Department of State, Division of Corporations document number (or registration number if fictitious name): **F97000000207**
11. List name and title of each principal, owner, officer, and major shareholder:
    a) **Joseph C. Corradino, PE - C.E.O.**
    b) **Frederick C. P'Pool - C.O.O.**
    c) **Joseph M. Corradino, AICP - President**
    d) **Eduardo Perez De Morales - Senior V.P.**
12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name: **Joseph C. Corradino, PE**
Title: **Chief Executive Officer**
E-mail: **jccorradino@corradino.com**
Telephone No.: **305.594.0735**

Name: **Joseph M. Corradino, AICP**
Title: **President**
E-mail: **jmcorradino@corradino.com**
Telephone No.: **305.594.0735**

13.	Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response.	☐ Yes ☑ No
14.	Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted.	☐ Yes ☑ No
15.	Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response.	☐ Yes ☑ No
16.	Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response.	☐ Yes ☑ No
17.	Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response.	☐ Yes ☑ No
18.	Has your firm's surety ever intervened to assist in the completion of a contract or have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached written response, including contact information for owner and surety.	☐ Yes ☑ No
19.	Has your firm ever failed to complete any work awarded to you, services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response.	☐ Yes ☑ No
20.	Has your firm ever been terminated from a contract within the last three years? If yes, specify details in an attached written response.	☐ Yes ☑ No
21.	Living Wage solicitations only: In determining what, if any, fiscal impacts(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract. Living Wage had an effect on the pricing. If yes, Living Wage increased the pricing by% or decreased the pricing by%.	☐ Yes ☐ No ☑ N/A

Cone of Silence Requirement Certification:
The Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances prohibits certain communications among Vendors, Commissioners, County staff, and Selection or Evaluation Committee members. Identify on a separate sheet any violations of this Ordinance by any members of the responding firm or its joint ventures. After the application of the Cone of Silence, inquiries regarding this solicitation should be directed to the Director of Purchasing or designee. The Cone of Silence terminates when the County Commission or other awarding authority takes action which ends the solicitation.

The Vendor hereby certifies that: (check each box)

☑ The Vendor has read Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances; and

☑ The Vendor understands that the Cone of Silence for this competitive solicitation shall be in effect beginning

upon the appointment of the Selection or Evaluation Committee, for communication regarding this solicitation with the County Administrator, Deputy County Administrator, Assistant County Administrators, and Assistants to the County Administrator and their respective support staff or any person, including Evaluation or Selection Committee members, appointed to evaluate or recommend selection in this RFP/RLI process. For Communication with County Commissioners and Commission staff, the Cone of Silence allows communication until the initial Evaluation or Selection Committee Meeting.

☑ The Vendor agrees to comply with the requirements of the Cone of Silence Ordinance.

Drug-Free Workplace Requirements Certification:
Section 21.31.a. of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board award be made only to firms certifying the establishment of a drug free workplace program. The program must consist of:

1. Publishing a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the offeror's workplace, and specifying the actions that will be taken against employees for violations of such prohibition;

2. Establishing a continuing drug-free awareness program to inform its employees about:
   a. The dangers of drug abuse in the workplace;
   b. The offeror's policy of maintaining a drug-free workplace;
   c. Any available drug counseling, rehabilitation, and employee assistance programs; and
   d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

3. Giving all employees engaged in performance of the contract a copy of the statement required by subparagraph 1;

4. Notifying all employees, in writing, of the statement required by subparagraph 1, that as a condition of employment on a covered contract, the employee shall:
   a. Abide by the terms of the statement; and
   b. Notify the employer in writing of the employee's conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or of any state, for a violation occurring in the workplace NO later than five days after such conviction.

5. Notifying Broward County government in writing within 10 calendar days after receiving notice under subdivision 4.b above, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;

6. Within 30 calendar days after receiving notice under subparagraph 4 of a conviction, taking one of the following actions with respect to an employee who is convicted of a drug abuse violation occurring in the workplace:
   a. Taking appropriate personnel action against such employee, up to and including termination; or
   b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency; and

7. Making a good faith effort to maintain a drug-free workplace program through implementation of subparagraphs 1 through 6.

The Vendor hereby certifies that: (check box)

☑ The Vendor certifies that it has established a drug free workplace program in accordance with the above requirements.

Non-Collusion Certification:
Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward

County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. Failure of a Vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

The Vendor hereby certifies that: (select one)

☑ The Vendor certifies that this offer is made independently and free from collusion; or

☐ The Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

Public Entities Crimes Certification:
In accordance with Public Entity Crimes, Section 287.133, Florida Statutes, a person or affiliate placed on the convicted vendor list following a conviction for a public entity crime may not submit on a contract: to provide any goods or services; for construction or repair of a public building or public work; for leases of real property to a public entity; and may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for Category Two for a period of 36 months following the date of being placed on the convicted vendor list.

The Vendor hereby certifies that: (check box)

☑ The Vendor certifies that no person or affiliates of the Vendor are currently on the convicted vendor list and/or has not been found to commit a public entity crime, as described in the statutes.

Scrutinized Companies List Certification:
Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than $1 million.

The Vendor hereby certifies that: (check each box)

☑ The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4275, Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

☑ The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

☑ If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

I hereby certify the information provided in the Vendor Questionnaire and Standard Certifications:

Joseph C. Corradino, PE	**Chief Executive Officer**	**09/05/2019**
*AUTHORIZED SIGNATURE/NAME	TITLE	DATE

Vendor Name: **The Corradino Group, Inc.**

* I certify that I am authorized to sign this solicitation response on behalf of the Vendor as indicated in Certificate as to Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. As the Vendor's authorized representative, I attest that any and all statements, oral, written or otherwise, made in support of the Vendor's response, are accurate, true and correct. I also acknowledge that inaccurate, untruthful, or incorrect statements made in support of the Vendor's response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Procurement Code. I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).

Supplier: **The Corradino Group**

Office of Economic and Small Business Requirements: CBE Goal Participation

A. In accordance with the Broward County Business Opportunity Act of 2012, Section 1-81, Code of Ordinances, as amended (the "Business Opportunity Act"), the County Business Enterprise (CBE) Program is applicable to this contract. All Vendors responding to this solicitation are required to utilize CBE firms to perform the assigned participation goal for this contract.

B. The CBE participation goal will be established based on the expected expenditure amount for the proposed scope of services for the project. The Office of Economic and Small Business Development (OESBD) will not include alternate items, optional services or allowances when establishing the CBE participation goal. If the County subsequently chooses to award any alternate items, optional services or allowances as determined by OESBD and the Contract Administrator to be related to the scope of services, OESBD may apply the established CBE participation goal. In such an instance, the County will issue a written notice to the successful Vendor that the CBE participation goal will also apply to the alternate items, optional services or allowances. Vendor shall submit all required forms pertaining to its compliance with the CBE participation goal, as applicable. Failure by Vendor to submit the required forms may result in the rejection of Vendor's solicitation submittal prior to the award or failure to comply with the contract requirements may have an impact on the vendor performance evaluation post award, as applicable.

C. CBE Program Requirements: Compliance with CBE participation goal requirements is a matter of responsibility; Vendor should submit all required forms and information with its solicitation submittal. If the required forms and information are not provided with the Vendor's solicitation submittal, then Vendor must supply the required forms and information no later than three (3) business days after request by OESBD. Vendor may be deemed non-responsible for failure to fully comply with CBE Program Requirements within these stated timeframes.

   1. Vendor should include in its solicitation submittal a **Letter Of Intent Between Bidder/Offeror and County Business Enterprise (CBE) Subcontractor/Supplier** for each CBE firm the Vendor intends to use to achieve the assigned CBE participation goal. The form is available at the following link: http://www.broward.org/EconDev/Documents/CBELetterOfIntent.pdf

   2. If Vendor is unable to attain the CBE participation goal, Vendor should include in its solicitation submittal an **Application for Evaluation of Good Faith Efforts** and all of the required supporting information. The form is available at the following link: http://www.broward.org/EconDev/WhatWeDo/Documents/GoodFaithEffortEval.pdf

D. OESBD maintains an online directory of CBE firms. The online directory is available for use by Vendors at https://webapps4.broward.org/smallbusiness/sbdirectory.aspx.

E. For detailed information regarding the CBE Program contact the OESBD at (954) 357-6400 or visit the website at: http://www.broward.org/EconDev/SmallBusiness/

F. If awarded the contract, Vendor agrees to and shall comply with all applicable requirements of the Business Opportunity Act and the CBE Program in the award and administration of the contract.

   1. No party to this contract may discriminate on the basis of race, color, sex, religion,

national origin, disability, age, marital status, political affiliation, sexual orientation, pregnancy, or gender identity and expression in the performance of this contract.

2. All entities that seek to conduct business with the County, including Vendor or any Prime Contractors, Subcontractors, and Bidders, shall conduct such business activities in a fair and reasonable manner, free from fraud, coercion, collusion, intimidation, or bad faith. Failure to do so may result in the cancellation of this solicitation, cessation of contract negotiations, revocation of CBE certification, and suspension or debarment from future contracts.

3. If Vendor fails to meet or make Good Faith Efforts (as defined in the Business Opportunity Act) to meet the CBE participation commitment (the "Commitment"), then Vendor shall pay the County liquidated damages in an amount equal to fifty percent (50%) of the actual dollar amount by which Vendor failed to achieve the Commitment, up to a maximum amount of ten percent (10%) of the total contract amount, excluding costs and reimbursable expenses. An example of this calculation is stated in Section 1-81.7, Broward County Code of Ordinances.

4. Vendor shall comply with all applicable requirements of the Business Opportunity Act in the award of this contract. Failure by Vendor to carry out any of these requirements shall constitute a material breach of the contract, which shall permit the County to terminate this contract or to exercise any other remedy provided under this contract, the Broward County Code of Ordinances, the Broward County Administrative Code, or other applicable laws, with all such remedies being cumulative.

5. Vendor shall pay its CBE subcontractors and suppliers, within fifteen (15) days following receipt of payment from the County, for all completed subcontracted work and supplies. If Vendor withholds an amount from CBE subcontractors or suppliers as retainage, such retainage shall be released and paid within fifteen (15) days following receipt of payment of retained amounts from the County.

6. Vendor understands that the County will monitor Vendor's compliance with the CBE Program requirements. Vendor must provide OESBD with a Monthly Utilization Report (MUR) to confirm its compliance with the Commitment agreed to in the contract; timely submission of the MUR every month throughout the term of the contract, including amendment and extension terms, is a condition precedent to the County's payment of Vendor under the contract.

Supplier: **The Corradino Group**

LOBBYIST REGISTRATION REQUIREMENT CERTIFICATION FORM

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Vendor certifies that it understands if it has retained a lobbyist(s) to lobby in connection with a competitive solicitation, it shall be deemed non-responsive unless the firm, in responding to the competitive solicitation, certifies that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances; and it understands that if, after awarding a contract in connection with the solicitation, the County learns that the certification was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis, exercise any contractual right to terminate the contract for convenience.

The Vendor hereby certifies that: (select one)

☐ It has not retained a lobbyist(s) to lobby in connection with this competitive solicitation; however, if retained after the solicitation, the County will be notified.

☑ It has retained a lobbyist(s) to lobby in connection with this competitive solicitation and certified that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances.

It is a requirement of this solicitation that the names of any and all lobbyists retained to lobby in connection with this solicitation be listed below:

Name of Lobbyist: **Judy Stern**
Lobbyist's Firm: **Judy Stern Consulting**
Phone: **954.524.3434**
E-mail: **jstern@sterncnslt.com**

Name of Lobbyist: **Matt Sacco**
Lobbyist's Firm: **Rubin, Turnbull & Associates**
Phone: **954.467.3993**
E-mail: **mattew@rubinturnbull.com**

Authorized Signature/Name: Joseph C. Corradino, PE Date: 09/05/2019

Title: Chief Executive Officer

Vendor Name: The Corradino Group, Inc.

Supplier: **The Corradino Group**

DOMESTIC PARTNERSHIP ACT CERTIFICATION FORM (REQUIREMENT AND TIEBREAKER)

Refer to Special Instructions to identify if Domestic Partnership Act is a requirement of the solicitation or acts only as a tiebreaker. If Domestic Partnership is a requirement of the solicitation, the completed and signed form should be returned with the Vendor's submittal. If the form is not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes. To qualify for the Domestic Partnership tiebreaker criterion, the Vendor must currently offer the Domestic Partnership benefit and the completed and signed form must be returned at time of solicitation submittal.

The Domestic Partnership Act, Section 16 ½ -157, Broward County Code of Ordinances, requires all Vendors contracting with the County, in an amount over $100,000 provide benefits to Domestic Partners of its employees, on the same basis as it provides benefits to employees' spouses, with certain exceptions as provided by the Ordinance.

For all submittals over $100,000.00, the Vendor, by virtue of the signature below, certifies that it is aware of the requirements of Broward County's Domestic Partnership Act, Section 16-½ -157, Broward County Code of Ordinances; and certifies the following: (check only one below).

☑ 1. The Vendor currently complies with the requirements of the County's Domestic Partnership Act and provides benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses

☐ 2. The Vendor will comply with the requirements of the County's Domestic Partnership Act at time of contract award and provide benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses.

☐ 3. The Vendor will not comply with the requirements of the County's Domestic Partnership Act at time of award.

☐ 4. The Vendor does not need to comply with the requirements of the County's Domestic Partnership Act at time of award because the following exception(s) applies: **(check only one below)**.

- ☐ The Vendor is a governmental entity, not-for-profit corporation, or charitable organization.
- ☐ The Vendor is a religious organization, association, society, or non-profit charitable or educational institution.
- ☐ The Vendor provides an employee the cash equivalent of benefits. (Attach an affidavit in compliance with the Act stating the efforts taken to provide such benefits and the amount of the cash equivalent).
- ☐ The Vendor cannot comply with the provisions of the Domestic Partnership Act because it would violate the laws, rules or regulations of federal or state law or would violate or be inconsistent with the terms or conditions of a grant or contract with the United States or State of Florida. Indicate the law, statute or regulation (State the law, statute or regulation and attach explanation of its applicability).

Joseph C. Corradino, PE	Chief Executive Officer	The Corradino Group, Inc.	09/05/2019
Authorized Signature/Name	**Title**	**Vendor Name**	**Date**

Supplier: **The Corradino Group**

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☑ Material Case(s) are disclosed below:

Is this for a: (check type) ☐ Parent, ☐ Subsidiary, or ☐ Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No ☑
Party	
Case Number, Name, and Date Filed	**Consolidated Case #2018-008144-CA-03; 03/19/2018**
Name of Court or other tribunal	**Miami-Dade County 11th Judicial Circuit Court**
Type of Case	Bankruptcy ☐ Civil ☑ Criminal ☐ Administrative/Regulatory ☐
Claim or Cause of Action and Brief description of each Count	**Construction Defect**
Brief description of the Subject Matter and Project Involved	**FIU Bridge Collapse**
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending ☑ Settled ☐ Dismissed ☐ Judgment Vendor's Favor ☐ Judgment Against Vendor ☐ If Judgment Against, is Judgment Satisfied? ☐ Yes ☐ No
Opposing Counsel	Name: **Christos Lagos** Email: **lagos@attainjustice.com** Telephone Number: **305.960.1990**

Vendor Name: The Corradino Group, Inc.

Supplier: **The Corradino Group**

AGREEMENT EXCEPTION FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, it shall be deemed an affirmation by the Vendor that it accepts the terms and conditions of the County's Agreement as disclosed in the solicitation.

The Vendor must either provide specific proposed alternative language on the form below. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

☑ There are no exceptions to the terms and conditions of the County Agreement as referenced in the solicitation; or

☐ The following exceptions are disclosed below: (use additional forms as needed; separate each Article/ Section number)

Term or Condition Article / Section	Insert version of exception or specific proposed alternative language	Provide brief justification for change

Vendor Name: **The Corradino Group, Inc.**

Supplier: **The Corradino Group**

VOLUME OF PREVIOUS WORK ATTESTATION FORM

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to provide timely may affect the Vendor's evaluation.

This completed form MUST be included with the Vendor's submittal at the time of the opening deadline to be considered for a Tie Breaker criterion (if applicable).

Points assigned for Volume of Previous Work will be based on the amount paid-to-date by the County to a prime Vendor **MINUS** the Vendor's confirmed payments paid-to-date to approved certified County Business Enterprise (CBE) firms performing services as Vendor's subcontractor/subconsultant to obtain the CBE goal commitment as confirmed by County's Office of Economic and Small Business Development. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must list all received payments paid-to-date by contract as a prime vendor from Broward County Board of County Commissioners. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must also list all total confirmed payments paid-to-date by contract, to approved certified CBE firms utilized to obtain the contract's CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	Prime: Paid to Date	CBE: Paid to Date
1.						
2.						
3.						
4.						
5.						
6.						
7.						
				Grand Total	**0**	**0**

Has the Vendor been a member/partner of a Joint Venture firm that was awarded a contract by the County?

Yes ☐ No ☑

If Yes, Vendor must submit a **Joint Vendor Volume of Work Attestation Form**.

Vendor Name: The Corradino Group, Inc.

Joseph C. Corradino, PE	**Chief Executive Officer**	**09/05/2019**
Authorized Signature/Name	**Title**	**Date**

VOLUME OF PREVIOUS WORK ATTESTATION JOINT VENTURE FORM

If applicable, this form and additional required documentation should be submitted with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting documentation may affect the Vendor's evaluation.

If a Joint Venture, the payments paid-to-date by contract provided must encompass the Joint Venture and each of the entities forming the Joint Venture. Points assigned for Volume of Previous Work will be based on the amount paid-to-date by contract to the Joint Venture firm **MINUS** all confirmed payments paid-to-date to approved certified CBE firms utilized to obtain the CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date. Amount will then be multiplied by the member firm's equity percentage.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	JV Equity Percent	Prime: Paid to Date	CBE: Paid to Date
1.	**N/A**						
2.							
3.							
4.							
5.							
6.							
7.							
8.							
					Grand Total		

Vendor is required to submit an executed Joint Venture agreement(s) and any amendments for each project listed above. Each agreement must be executed prior to the opening date of this solicitation.

Vendor Name:

Authorized Signature/Name **Title** **Date**

Supplier: **The Corradino Group**

SCRUTINIZED COMPANIES LIST REQUIREMENT CERTIFICATION FORM

The completed and signed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non responsive for failure to fully comply within stated timeframes.

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than $1 million.

The Vendor, by virtue of the signature below, certifies that:

a. The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4725 Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

b. The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and

c. If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

Joseph C. Corradino, PE	**Chief Executive Officer**	**The Corradino Group, Inc.**	**09/05/2019**
Authorized Signature/Name	**Title**	**Vendor Name**	**Date**

Supplier: **The Corradino Group**

SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

The following forms and supporting information (if applicable) should be returned with Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

A. The Vendor shall submit a listing of all subcontractors, subconsultants and major material suppliers (firms), if any, and the portion of the contract they will perform. A major material supplier is considered any firm that provides construction material for construction contracts, or commodities for service contracts in excess of $50,000, to the Vendor.

B. If participation goals apply to the contract, only non-certified firms shall be identified on the form. A non-certified firm is a firm that is not listed as a firm for attainment of participation goals (ex. County Business Enterprise or Disadvantaged Business Enterprise), if applicable to the solicitation.

C. This list shall be kept up-to-date for the duration of the contract. If subcontractors, subconsultants or suppliers are stated, this does not relieve the Vendor from the prime responsibility of full and complete satisfactory performance under any awarded contract.

D. After completion of the contract/final payment, the Vendor shall certify the final list of non-certified subcontractors, subconsultants, and suppliers that performed or provided services to the County for the referenced contract.

E. The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, state "none" on this form. Use additional sheets as needed. Vendor should scan and upload any additional form(s) in BidSync.

1. Subcontracted Firm's Name: **CALTRAN Engineering Group, Inc.**

   Subcontracted Firm's Address: **790 NW 107 Ave, Suite 200, Miami. FL 33172**

   Subcontracted Firm's Telephone Number: **(786) 456-7700**

   Contact Person's Name and Position: **Juan S. Calderon, PE, PTOE - Principal**
   Contact Person's E-Mail Address: **jcalderon@caltrangroup.com**

   Estimated Subcontract/Supplies Contract Amount: **$2,500 per intersection (based on $100,000 past work order)**

   Type of Work/Supplies Provided: **Traffic Engineering**

2. Subcontracted Firm's Name: **ASA Consultants, Inc.**

   Subcontracted Firm's Address: **510 Shotgun Road, Suite 402 Sunrise, FL 33323**

   Subcontracted Firm's Telephone Number: **754.216.2027**

   Contact Person's Name and Position: **Soheila Sadough - President**

Supplier: **The Corradino Group**

AFFILIATED ENTITIES OF THE PRINCIPAL(S) CERTIFICATION FORM

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

a. All Vendors are required to disclose the names and addresses of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County.

b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.

c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

The Vendor hereby certifies that: (select one)

☑ No principal of the proposing Vendor has prior affiliations that meet the criteria defined as "Affiliated entities"

☐ Principal(s) listed below have prior affiliations that meet the criteria defined as "Affiliated entities"

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Authorized Signature Name: **Joseph C. Corradino, PE**

Title: **Chief Executive Officer**

Vendor Name: **The Corradino Group, Inc.**

Date: **09/05/2019**

Supplier: **The Corradino Group**

RFP-RFQ-RLI LOCATION ATTESTATION FORM (EVALUATION CRITERIA)

The completed and signed form and supporting information (if applicable, for Joint Ventures) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting information may affect the Vendor's evaluation. Provided information is subject to verification by the County.

A Vendor's principal place of business location (also known as the nerve center) within Broward County is considered in accordance with Evaluation Criteria. The County's definition of a principal place of business is:

1. As defined by the Broward County Local Preference Ordinance, "Principal place of business means the nerve center or center of overall direction, control and coordination of the activities of the bidder [Vendor]. If the bidder has only one (1) business location, such business location shall be considered its principal place of business."

2. A principal place of business refers to the place where a corporation's officers direct, control, and coordinate the corporation's day-to-day activities. It is the corporation's 'nerve center' and in practice it should normally be the place where the corporation maintains its headquarters; provided that the headquarters is the actual center of direction, control, and coordination, i.e., the 'nerve center', and not simply an office where the corporation holds its board meetings (for example, attended by directors and officers who have traveled there for the occasion).

The Vendor's principal place of business in Broward County shall be the Vendor's "Principal Address" as indicated with the Florida Department of State Division of Corporations, for at least six months prior to the solicitation's due date.

Check one of the following:

☐ The Vendor certifies that it has a principal place of business location (also known as the nerve center) within Broward County, as documented in Florida Department of State Division of Corporations (Sunbiz), and attests to the following statements:

1. Vendor's address listed in its submittal is its principal place of business as defined by Broward County;

2. Vendor's "Principal Address" listed with the Florida Department of State Division of Corporations is the same as the address listed in its submittal and the address was listed for at least six months prior to the solicitation's opening date. A copy of Florida Department of State Division of Corporations (Sunbiz) is attached as verification.

3. Vendor must be located at the listed "nerve center" address ("Principal Address") for at least six (6) months prior to the solicitation's opening date;

4. Vendor has not merged with another firm within the last six months that is not headquartered in Broward County and is not a wholly owned subsidiary or a holding company of another firm that is not headquartered in Broward County;

5. If awarded a contract, it is the intent of the Vendor to remain at the referenced address for the duration of the contract term, including any renewals, extensions or any approved

interim contracts for the services provided under this contract; and

6. The Vendor understands that if after contract award, the County learns that the attestation was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis exercise any contractual right to terminate the contract. Further any misleading, inaccurate, false information or documentation submitted by any party affiliated with this procurement may lead to suspension and/or debarment from doing business with Broward County as outlined in the Procurement Code, Section 21.119.

If the Vendor is submitting a response as a Joint Venture, the following information is required to be submitted:

a. Name of the Joint Venture Partnership
b. Percentage of Equity for all Joint Venture Partners
c. A copy of the executed Agreement(s) between the Joint Venture Partners

☑ Vendor does not have a principal place of business location (also known as the nerve center) within Broward County.

Vendor Information:

Vendor Name: **The Corradino Group, Inc.**

Vendor's address listed in its submittal is:

4055 NW 97th Avenue, Suite 200
Miami, FL 33178

The signature below must be by an individual authorized to bind the Vendor. The signature below is an attestation that all information listed above and provided to Broward County is true and accurate.

Joseph C. Corradino, PE	**Chief Executive Officer**	**The Corradino Group, Inc.**	**09/05/2019**
Authorized Signature/Name	Title	Vendor Name	Date

Supplier: **The Corradino Group**

RFP-RLI-RFQ LOCAL PREFERENCE AND TIE BREAKER CERTIFICATION FORM

The completed and signed form should be returned with the Vendor's submittal to determine Local Preference eligibility, however it must be returned at time of solicitation submittal to qualify for the Tie Break criteria. If not provided with submittal, the Vendor must submit within three business days of County's request for evaluation of Local Preference. Proof of a local business tax should be submitted with this form. Failure to timely submit this form or local business tax receipt may render the business ineligible for application of the Local Preference or Tie Break Criteria.

In accordance with Section 21.31.d. of the Broward County Procurement Code, to qualify for the Tie Break Criteria, the undersigned Vendor hereby certifies that (check box if applicable):

☑ The Vendor is a local Vendor in Broward County and:

a. has a valid Broward County local business tax receipt;
b. has been in existence for at least six-months prior to the solicitation opening;
c. at a business address physically located within Broward County;
d. in an area zoned for such business;
e. provides services from this location on a day-to-day basis, and
f. services provided from this location are a substantial component of the services offered in the Vendor's proposal.

In accordance with Local Preference, Section 1-74, et. seq., Broward County Code of Ordinances, a local business meeting the below requirements is eligible for Local Preference. To qualify for the Local Preference, the undersigned Vendor hereby certifies that (check box if applicable):

☑ The Vendor is a local Vendor in Broward and:

a. has a valid Broward County local business tax receipt issued at least one year prior to solicitation opening;
b. has been in existence for at least one-year prior to the solicitation opening;
c. provides services on a day-to-day basis, at a business address physically located within the Broward County limits in an area zoned for such business; and
d. the services provided from this location are a substantial component of the services offered in the Vendor's proposal.

Local Business Address: **5200 NW 33rd Avenue, Suite 203**
Fort Lauderdale, FL 33309

Vendor does not qualify for Tie Break Criteria or Local Preference, in accordance with the above requirements. The undersigned Vendor hereby certifies that (check box if applicable): The Vendor is not a local Vendor in Broward County.

Joseph C. Corradino, PE	**Chief Executive Officer**	**The Corradino Group, Inc.**	**09/05/2019**
AUTHORIZED SIGNATURE/NAME	**TITLE**	**COMPANY**	**DATE**