

**Bid Tabulation Packet
for
Solicitation PNC2119168P1**

**Continuing Engineering Services for Traffic, Roadway,
and Civil Projects**

Bid Designation: Public



Broward County Board of County Commissioners

Atkins North America, Inc.

Bid Contact **Cheryl Staple**
cheryl.staple@atkinsglobal.com
Ph 813-281-7338
Fax 813-281-3634

Address **4030 W. Boy Scout Boulevard**
Suite 700
Tampa, FL 33607

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PNC2119168P1--01-01	Continuing Engineering Services	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Atkins North America, Inc.

Item: **Continuing Engineering Services**

Attachments

Atkins_Broward CES_PNC2119168P1.pdf

Proposal for

CONTINUING ENGINEERING SERVICES FOR TRAFFIC, ROADWAY, AND CIVIL PROJECTS

#PNC2119168P1 • September 11, 2019





SNC • LAVALIN

ATKINS

Member of the SNC-Lavalin Group

3250 Commercial Boulevard, Suite 120
Fort Lauderdale, FL 33309

Phone: 954.733.7233

Fax: 954.733.1101

atkinsglobal.com

snclavalin.com

Broward County Purchasing Division

115 South Andrews Avenue, Room 212

Fort Lauderdale, FL 33301

Re: Solicitation PNC2119168P1- Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Dear Selection Committee,

Atkins has assembled an outstanding team of local roadway, transportation design, and traffic operations professionals focused on providing outstanding service and creative solutions to Broward County.

The Atkins team combines the capabilities, experience, and expertise of experienced and responsive subconsultants in Broward County. Furthermore, we have studied Broward County's anticipated public works and transportation capital programs and structured ourselves to respond to the challenges that may arise. Our team looks forward to partnering with Broward County once again, to support implementation of the Penny for Transportation program. Our team has the experience and qualifications to provide all the transportation, engineering design, and construction management services required in this solicitation.

Our team has unique local knowledge and expertise. We have built a team that has worked together and has also worked for Broward County. The Atkins Fort Lauderdale office, in-place for over 35 years, has 47 employees. We are your local firm, experienced and knowledgeable about your capital improvement programs and projects, teamed with the highest caliber subconsultants.

Atkins is a diverse, full services engineering and technology solutions firm with local presence, focused on serving our clients with individual attention. We are able to leverage experience and capabilities from our organization, allowing us to deliver leading edge technologies and solutions for all anticipated projects. From innovative intelligent transportation systems (ITS), to climate change effects and resiliency, Atkins' experts have the knowledge and experience to define the most cost-effective solutions for Broward County.

The Atkins team is local and dedicated to supporting Broward County's efforts to execute its public works capital program. We have a vested interest in Broward County's success because we live and play in this community. Our team is committed to exceed your expectations, assigning our best professionals as an extension of your staff. If you have any questions, please contact me at 305.514.3550 or e-mail humberto.alonso@atkinsglobal.com.

Sincerely,

Humberto Alonso
Vice President

Antonio Serbiá
Project Manager

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Response to Solicitation PNC2119168P1 Continuing Engineering Services for Transportation and General Civil Engineering Projects

Supplemental Information-Atkins' Submittal Check-Off List

Solicitation Requirement	Forms, Information, Documents Provided	Completed in BidSync	Viewed in BidSync	Attachment
A. Responsiveness Criteria				
1. Lobbyist Registration Certification	<i>Lobbyist Registration Requirement Certification Form</i>	✓		
2. Addenda	Addenda 1 and 2		✓	
A. Additional Responsiveness Criteria				
1. Domestic Partnership Act Requirement	<i>Domestic Partnership Act Certification Form</i>	✓		
B. Responsibility Criteria				
1. Litigation History	<i>RLI - RFP - RFQ Litigation History Form</i>	✓		
	<i>Supplemental Information - Subconsultant Litigation History Lists</i>			✓
2. Financial Information	Three copies of Atkins' confidential financial statements were mailed to the County as instructed by the RFP.	-	-	-
3. Authority to Conduct Business in Florida	<i>RFP-RFQ-RLI Standard Instructions to Vendors Form</i>	✓		
	<i>Supplemental Information-Atkins' Certificate of Good Standing_ Responsibility Criteria 3</i>			✓
4. Affiliated Entities of the Principal	<i>RLI - RFP - RFQ Affiliated Entities of the Principal Form</i>	✓		
5. Insurance Requirements	<i>Insurance Requirements, PNC2119168P1 Form</i>		✓	
	<i>Supplemental Information-Atkins' Insurance Policy</i>			✓

Solicitation Requirement	Forms, Information, Documents Provided	Completed in BidSync	Viewed in BidSync	Attachment
C. Additional Information and Certifications				
1. Vendor Questionnaire	<i>Evaluation Criteria Response Form_Vendor Questionnaire Form, PNC2119168P1</i>	✓		
2. Standard Certifications	<i>RLI - RFP - RFQ Standard Certifications Form</i>	✓		
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	<i>RLI - RFP - RFQ Subcontractors-Subconsultants/Suppliers Information Form</i>	✓		
	Supplemental Information-Subcontractors-Subconsultants/Suppliers Information Form			✓
D. Standard Agreement Language Requirements				
1. Acceptance or Exceptions	<i>Special Instructions to Vendors, PNC2114364P1 Form</i>		✓	
2. Special Instructions to Vendors				
3. Agreement Exception Forms	<i>RLI - RFP - RFQ Agreement Exception Form</i>	✓		
4. Identify Exceptions	Supplemental Information-Agreement Exception Form_ D. Standard Agreement Language Requirements 3, 4, and 5			✓
5. County's acceptance of exceptions to the Agreement				
E. Evaluation Criteria				
1. Ability of Key Personnel				✓
2. Project Approach				✓
3. Past Performance				✓
4. Workload of Firm				✓
5. Location				✓
6. Willingness to Meet Time and Budget Requirements				✓
7. Volume of Previous Work		✓		✓

Solicitation Requirement	Forms, Information, Documents Provided	Completed in BidSync	Viewed in BidSync	Attachment
Tie-Breaker Criteria				
1. Local Vendor Certification Form		✓		
2. Domestic Partnership Act Certification		✓		
3. Tiebreaker Criteria Form: Volume of Work Over Five Years				✓
Additional Responsibility Criteria				
1. Office of Economic and Small Business Development Program_CBE Letters of Intent				✓
2. Supplemental Information-FDOT Pre-Qualification Letters				✓
3. Specialized Certifications (Advanced Maintenance of Traffic, IMSA)				✓
4. Construction Training Qualification Program Certifications				✓

Introduction

The Atkins team is ready and motivated to bring our services to Broward County. We have a long history serving you and our community.

The benefits of selecting Atkins for this contract begin with our promise to continue serving you as a partner. With Atkins, you will have access to a full-service consulting firm with emphasis in traffic, roadway, and civil engineering. Our CEI services are second to none and, most importantly, we have experience with Broward County. We are local, and our teams live and work in Broward County. We understand your challenges, understand your goals, and will listen to your plans. We will be a partner in achieving your goals and will work in partnership with you on the important responsibility of delivering the projects envisioned in the transportation surtax program.

- › We bring recent experience and lessons learned that we apply currently to our projects
- › Our multidisciplinary capabilities, strengthened by our subconsultants, make our team a one-stop, turnkey solution to any possible project presented
- › Atkins is a leader in transportation and roadway design, recognized by Engineering News-Record's recent ranking of Atkins as #8 of the 500 top transportation design firms

To successfully deliver this contract, we have engaged top-notch professionals in industry. Our team offers the depth of resources necessary to accomplish any task that may arise, and our experts are known to Broward County—familiar people who have worked successfully with you.

Our team is prequalified in all required work disciplines, and we are able to provide Broward County with readily available staff. Our team's diversity of experience, depth, flexibility and skill sets required allow us to seamlessly deliver simultaneous assignments.

1. Ability of Key Personnel

Atkins leadership team



Antonio Serbiá, PE, will serve as our team's project manager (PM). Mr. Serbiá has 25 years of experience in the private and public sectors managing infrastructure projects. He served as the PM for the Continuing Engineering Services for Transportation and General Civil Engineering projects contract, achieving the completion of pending projects assigned under our recent contract. Antonio understands the requirements of this contract and the processes of Broward County. Familiarly known to all County

management, Antonio brings multidisciplinary experience to our team with his involvement in transportation, water and wastewater, construction management, and program management of capital improvements programs. Antonio is a dynamic project manager, with a hands-on approach, and a good listener who understands client expectations.



To assist our committed PM, our deputy project manager (DPM), for this contract will be **Teresita Alvarez, PE**. Ms. Alvarez also served on the recent contract as PM. Teresita brings 34 years of FDOT management experience and through her clear understanding of technical requirements in our projects, she will complement our successful project management team.



Ruben Hernandez, PE, MEM, will serve as the project delivery director and support the project manager. He will coordinate all technical activities, including planning, scheduling, and managing personnel and engineering work to ensure effective coordination of projects. Mr. Hernandez will be responsible for monitoring compliance of engineering work to industry standards, company practices, and Broward County's specifications. He will assist with project coordination, and help coordinate budgets, proposals, and contracts. He will prepare and review documentation including policies, templates, specifications, and technical reports. He will also manage requirements documentation and changes, proposal development, and bid modifications.



Humberto Alonso, AIA, will serve as the principal-in-charge and provide guidance and oversight to the Atkins team and support the development of various forms of technologies and innovation to stay abreast of industry trends and issues. Mr. Humberto will provide engineering guidance, help draft and execute contracts, track project progress, and keep costs under control.



Serving as quality assurance manager, **Paul Mannix, PE, PTOE**, will lead the implementation of Atkins' quality program on this contract. Paul has 24 years of experience in intelligent transportation systems (ITS) and traffic engineering. His experience includes extensive traffic signal design, traffic engineering study development, and signing and pavement marking design, ITS planning, design, construction, operations, and maintenance. Quality is paramount to Atkins, and we are committed to bring our quality culture to the service of Broward County.

The production team for this contract will be led by prominent professionals who are leaders in their respective fields. With the support of our handpicked team of subconsultants, our team has multidisciplinary capabilities of considerable depth and capacity in each area.

Technical Leads

Our Traffic Signal Design and ITS team will be led by **Constanza Suarez, PE**. Constanza has 12 years of experience in traffic engineering, including traffic design, ITS design, traffic studies and operations, and planning. She has been involved in all aspects of transportation-related projects, from planning to final delivery of construction documents. Her team is supported by **Acey Roberts, PE** who has 18 years of ITS and traffic engineering experience. and will be assisted by Florida ITS Engineers' **Bo Gao, PE**.

The transportation planning and traffic studies team will be led, **Jack Schnettler, PE** and **Wiatt Bowers, AICP**. Known statewide, both Jack and Wiatt have proven experience with Broward County. Their involvement in transportation projects throughout South Florida will be key in the County's implementation of surtax transportation projects. Jack has 45 years of similar project experience, including 31 years working with

Atkins South Florida. He has extensive experience in both quality assurance/quality control and as a project manager/lead technical professional on significant transportation studies. Mr. Schnettler has a proven technical and management background on a variety of transportation and multimodal projects, demonstrating a proactive leadership, oversight, production, and coordination. He is responsible for directing a variety of transportation planning services, including functional planning, corridor studies, route and alignment studies, toll facilities analyses, transportation planning and modeling, and environmental documents. He is also highly experienced in transit feasibility studies, traffic impact studies, traffic safety and operations analyses, and circulation and parking studies.

In addition to her role as Deputy Project Manager, **Teresita Alvarez, PE** will also lead our roadway design team. Teresita's previous role as District Consultant Project Management Engineer for FDOT gives her a unique perspective as a project manager. Assisting Teresita is **Jeremy Bourdon, PE**, who has 21 years of transportation experience. He is responsible for preparing plans, schedules, cost and manhour estimates, and job budgets; preliminary engineering design and reviews; and oversees final plans and reports for client approval. Jeremy's similar project experience ranges

from local intersection improvement projects to complex international design-build projects.

The signing and pavement marking services team will be led by **John Fielding, PE, PTOE**. John has 8 years of experience in transportation engineering design. He has performed traffic operational analyses for projects with local and regional impact. His experience includes transportation, traffic, drainage, utility accommodation and adjustments, site development, water quality management, erosion control, and land planning. He has contributed to projects such as water distribution and wastewater collection system design, minor bridge design, retaining wall design, highway layout and design, scour analysis, drainage system design, traffic studies, and construction cost estimating and associated permitting through the various state agencies.

LaTosha Sigler, PE, will lead our civil engineering and utility design services team and has 24 years of technical and project management experience in civil engineering and land development throughout the United States and abroad. LaTosha served as project lead for our recent contract with Broward County providing civil engineering support in projects. Assisting the Civil Engineering and Utility Design Services team, Thomson and Associates brings a long history of partnering with Atkins and service to Broward County.

Additional Key Personnel

Supporting our main service disciplines, our technical services teams include a select team of leaders with experience in Broward County projects.

Pete Trevin, PE, LEED AP, LC, will lead our electrical and lighting services team with support from subconsultant Gartek (CBE). Pete has 48 years of experience providing electrical engineering services for buildings and industrial facilities, airports, marinas, wastewater treatment plants and pump stations, solid waste facilities, apartment buildings, military facilities, parks and recreational facilities, rapid transit facilities, toll facilities, movable bridges, and roadway lighting. He serves as electrical project manager on assignments from state and local agencies and is knowledgeable about the diverse regulations governing design on such projects.

Harry Belton, RLA, has 37 years of landscape architecture experience and will lead our landscape architecture services team. Harry's relevant landscape architecture experience includes roadway and master

planning projects for Broward County. He is experienced in urban renewal projects, government facilities design, transit projects; streetscape designs, highway landscape, and the layout and design of parks and recreational facilities, coastland and waterside parks, landfill conversions, and greenway and trail systems.

Mark Henry will serve as our environmental services team lead. Mark's 25-year professional career is marked by his experience in environmental sciences and his commitment to responsible protection of the environment and compliance with all regulatory agencies. His project experience includes environmental fieldwork, permitting, and project management. This experience involves ecological sciences and hazardous waste work performed for federal, state, and county agencies, and private sector clients. Mark leads teams to obtain environmental permitting and achieve permit compliance, provide construction oversight, seagrass surveys, seagrass and coral mitigation monitoring, remedial investigations under CERCLA.

Atkins' Environmental Services team also performs Phase I and Phase II environmental site assessments (ESAs), contamination assessments, and initial remedial actions.

Roberto Mantecón, PSM, PLS, known throughout Broward County and to many South Florida clients, will lead our survey and ROW mapping services team. Roberto has 39 years of similar project experience conducting and managing boundary, GIS, construction layout, geodetic control, hydrographic, right-of-way, route, sectional, cadastral, and topographic surveys for environmental, transportation, runway extensions, industrial/commercial, and many other types of survey projects. He also has in-depth knowledge of CAD and GPS surveys. Roberto directs daily operations, supervises, and coordinates office and field personnel, and serves as client manager. He has strong technical and communication skills with the ability to resolve complex problems and convey solutions across multiple teams.

Glenn Myers, PE is our proposed structures services team lead, and will be closely supported by **Hector Lopez, PE**. Glenn, with 35 years of experience, and Hector with 13 years of experience, have both designed projects for Broward County. Their capabilities include designing bridges, traffic support structures, and transit associated facilities.

Our climate change and resiliency team will be led by **Jack Hampson, CFM** and supported by nationwide resiliency expert, **Stephen Bourne, PE**. Jack and Stephen are deeply embedded in the resiliency and climate change discussion across South Florida in almost all professional and scientific forums. The availability as scientists to the County highlights the exclusivity to our team. Infrastructure decisions today will be tested by changes in climate that we are beginning to understand. Atkins' resiliency and climate change experts will advise the County on your long-term planning and investment process.

Atkins' capabilities as a general consultant extend beyond planning and design to the important phase of construction. We bring experience assisting our clients to procure, manage, inspect, close contracts, and start successful projects as a seamlessly.

Leading our construction management and engineering services during construction team, our lead engineer, **Herminio González CBO, ENV SP**, has 36 years of construction experience with an emphasis on high rise, inspections and code compliance for both public and private agencies. During his career, he has managed numerous projects varying in project size and construction cost. Mr. Gonzalez has a comprehensive understanding of the services required to manage construction sites, in addition to performing inspection services and plans reviews. His everyday specialty is to lead teams whose expertise starts with constructability reviews, construction, and contracts review prior to procurement processes, assisting our clients evaluating proposals and forming teams to manage construction contracts.

Our construction management services team also includes **Vincent Reynoso**, with 31 years of experience and **Alton Robinson** with 7 years of experience specializing in ITS and traffic signals CEI services. Rounding out this team, is **Michael Ryan, PE, PMP**, who will support staffing and managing inspection services.

Diego Clavijo, PMP, PSP, will lead our project controls team providing services which include scheduling, earned value analyses, construction estimates, contracts interpretation, claims management, and value engineering evaluations.

Subcontractors



Craig A. Smith & Associates (CAS) is a local, client-oriented firm tailored to serving the needs of many governmental clients for over 35 years. CAS will provide subsurface utility engineering services utilizing the latest in electronic verification, ground penetrating radar, vacuum excavation and GPS survey equipment. Thorough utility locating translates to the minimization of change orders by eliminating unforeseen field conditions during construction and thus project cost savings. Bringing key value to this contract and County projects overall, CAS will lead our subsurface utility engineering and utility Coordination team under the direction of James Driscoll. We understand the importance that SUE plays in every transportation project in an urban setting. Partnering with CAS ensures reduced unexpected utility conflicts, delays, cost overruns and protection of life and safety.

Gannett Fleming (GF) offers extensive experience in roadway design, including project scopes ranging from new construction; widening; resurfacing; and mobility; tolling; express lanes; capacity and safety improvements on limited access facilities; minor and major arterials and local roads. GF also has expertise in localized streetscape, traffic calming, safe routes to school, and complete streets design. GF's local team has successfully delivered multiple roadway improvement projects in Broward County including University Dr. from Oakland Park Blvd., to Commercial Blvd. and the Henry Kinney Tunnel rehabilitation.

Gannett Fleming



Florida ITS Engineers (FIE) is a local firm, whose leadership bring over 20 years of professional experience. They will provide support to our traffic signal design and ITS team. Their experience includes Transportation Systems Management & Operations (TSM&O), ITS design and implementation, and traffic signal systems deployment. Also experienced in ITS design and implementation, their projects include self-healing fiber optic communication systems, CCTV, DMS, Bluetooth, ramp metering, DSRC radio, and vehicle detection. On traffic signals, their experience includes development, installation and maintenance of central traffic signal control systems, and freeway management software.



Gartek designs mechanical, electrical, plumbing, and fire protection engineering since 1980. Gartek will provide electrical engineering and lighting services. Atkins has a longstanding relationship with Gartek providing services for clients throughout South Florida.



HBC Engineering Company is a minority-owned, certified DBE/SBE and Broward County CBE engineering consulting firm. HBC will support our roadway design and construction inspection teams. They specialize in planning, design and construction inspection services for civil, structural, transportation and water resource engineering projects. HBC is pre-qualified with FDOT in multiple categories including those required for this contract. Leading the HBC roadway design team, we bring with Jose A. Lopez and Hernan A. Lugo, who have led roadway projects for FDOT District 6 and the Miami Dade Department of Public Works.



Nova Consulting is a local engineering consulting firm serving Broward and Miami-Dade Counties' public clients specializing in civil and environmental engineering, construction management, and program management services. Their staff consists of highly skilled professional engineers, scientists, and geologists experienced in water resources, engineering design, environmental planning, assessments, and permitting. Nova Consulting will provide civil/utility Engineering services and will also augment the CEI services team.



Premiere Design Solutions (PDS) is a multi-disciplinary design and surveying firm headquartered in Miramar serving South Florida since 2007. The surveying team will provide complete professional and surveying services under the supervision of a licensed land surveyor experienced in the survey required. PDS uses GPS, robotic, and conventional total stations with electronic data collectors.



Quality Counts is a transportation data collection firm with 15 offices throughout the country. For over a decade, QC has been local to the Fort Lauderdale and Miami area, providing data collection services to FDOT Districts Four and Six, the City of Fort Lauderdale, and Broward County. Quality Counts was part of Atkins' team on the recent Broward County GEC contract. Traffic data collection services will be provided by our subconsultant Quality Counts who has teamed with Atkins delivering successful projects in South Florida. Atkins and Quality Counts together currently provide services to the City of Hollywood and clients in South Florida.



Quest Corporation of America, Inc., (Quest) is an experienced team of communication professionals and graphic designers with a cutting-edge approach to community outreach, public awareness, graphic design, website development and more. Established in 1995, Quest is DBE certified through FDOT and WMBE certified through the Florida Office of Supplier Diversity. With associates located locally and throughout the state, Quest associates have successfully provided public relations, public involvement, stakeholder coordination, intergovernmental coordination, media relations, public meeting coordination and issues resolution on hundreds of high-profile projects including design and construction of utility, road and bridge, complete streets, water, recreational parks, trails, and multi-modal transportation projects throughout the state.



RADISE International, LLC, is a Florida-based firm specializing in geotechnical engineering, construction materials testing, construction and threshold inspection services with 21 years of experience working in the public sector and serving clients including FDOT, SFWMD, USACE, cities, and counties. Currently, Atkins is partnered with RADISE on the Port Everglades Program Management contract and the Port of Miami Program Management contracts. Geotechnical and material testing services will be fulfilled by our long-term partner firm, RADISE International, LLC. Atkins and RADISE have partnered for over 5 years providing services to the South Florida Water Management District.



Solid Consulting Engineers, Inc., (SOLID) will augment our construction engineering services team for this contract. SOLID has provided construction engineering services for FDOT Districts One, Four, Six, Turnpike, and the MDX. SOLID was established in 2014 in Broward County.



Thompson & Associates (CBE) was founded in 2008 and is focused on providing quality and responsive professional engineering consulting services. Thompson will provide drainage design and permitting services for this contract.

Organizational Chart

Broward County Board of
County Commissioners



PNC2119168P1

Atkins
CBE Subconsultant
Non-CBE Subconsultant
 ◆ Task Lead



Traffic, Transportation and Engineering Services

- | | | | |
|---|---|---|--|
| <p>Traffic Signal Design/ITS
 Constanza Suarez, PE ◆
 Acey Roberts, PE
 Hossam Abdel
 Michelle Schofner, PE, PTOE
 Bo Gao, CBE (FL ITS)</p> <p>Transportation Planning and Traffic Studies
 Jack Schnettler, PE ◆
 Wiatt Bowers, AICP
 Hossam Abdel
 Jonathan Nicholson, PE
 Chris Russo, PE, PTOE
 Rohan Sadhai, AICP
 Phillip Shad, AICP
 Wiley Page, AICP</p> <p>Traffic Data Collection
 Glenn Davis
 (Quality Counts)</p> | <p>Roadway Design
 Teresita Alvarez, PE ◆
 Jeremy Bourdon, PE
 Wilmar Castro, PE
 Dylan Scheinman
 Roberto Barrios
 Ryan Jensen, PE
 Naldo Gonzalez, PE , ENV SP
 (Gannett Fleming)
 Jose Lopez/Hernan Lugo
 (HBC Engineering)</p> <p>Signing/Pavement Marking
 John Fielding, PE, PTOE ◆
 Garrett Hurst
 Michelle Schofner, PE, PTOE
 Jose Lopez (HBC Engineering)</p> | <p>Drainage Design/Permitting
 Chris Thompson ◆
 Shahin Hekmat/ James Thompson
 (Thompson & Associates)</p> <p>Electrical and Lighting
 Pete Trevin, PE, LEED AP ◆
 Jorge Fiallo
 Mel Garcia (Gartek)</p> <p>Landscape Architecture
 Harry Belton, RLA ◆
 Jason Keese, RLA</p> <p>Environmental
 Mark Henry ◆
 Beth Zimmer
 Ana Guzman
 Leslie Manzello</p> | <p>Civil Engineering and Utility Design
 LaTosha Sigler, PE ◆
 David Barnett, PE, LEED AP
 Monica Pausa
 Elba Guerrero
 Darren Badore
 (Thompson & Associates)</p> <p>Structures
 Glenn Myers, PE ◆
 Arthur Wolek, PE
 Hector Lopez, PE</p> <p>Climate Change/Resiliency
 Jack Hampson , CFM ◆
 Stephen Bourne, PE</p> <p>Subsurface Utility Engineering and Utility Coordination
 James Driscoll
 (Craig Smith)</p> |
|---|---|---|--|

Support Services

- | | | |
|--|---|--|
| <p>Surveying and ROW Mapping
 Roberto Mantecon, PSM, PLS ◆
 Luis Jurado (Premiere Design Solutions)</p> | <p>Geotechnical and Materials Testing
 Tom Mullin, PE (RADISE) ◆</p> | <p>Public Involvement and Agency Coordination
 Jennifer Dorning ◆
 Humberto Alonso, AIA
 Beth Zsoka (Quest Corporation)</p> |
|--|---|--|

Construction Management Services

- | | | |
|--|--|---|
| <p>Construction Management and Engineering Services During Construction
 Herminio Gonzalez ◆
 Daniel Menendez, PE
 Richard Tenn
 Vincent Reynoso
 Alton Robinson
 Daniel Menendez
 Ha Nguyen (Nova Consulting)
 Jesus Misas (Nova Consulting)
 Ossie Larrazabal (Solid CEI)</p> | <p>Construction Inspection
 Michael Ryan, PE, PMP ◆
 Carlos Tillan
 Stephen Francis
 Robert Ruiz
 Pedro Lovera
 Viviana Aleman
 Julio Castaneda
 Andres Perea (HBC)</p> | <p>Project Controls
 Diego Clavijo, PMP, PSP ◆
 Praveen Omni</p> <p>Public Involvement and Agency Coordination
 Jennifer Dorning ◆
 Humberto Alonso, AIA
 Beth Zsoka
 (Quest Corporation)</p> |
|--|--|---|



List of Subconsultants

Subconsultant	Address	Phone	Contact Name/Title	E-mail	Estimated Contract Participation	Type of Work Supplies	CBE (Y/N)
Craig A. Smith and Associates	21045 Commercial Trail, Boca Raton, FL 33486	561.314.4445	Dimitrios Scarlatos / Supervising Engineer	dscarlatos@craigasmith.com	TBD	Subsurface utilities engineering	N
Florida ITS Engineers, LLC	3886 Crestwood Cir, Weston, FL 33331	480.729.9273	Bo Gao/President	fitsengineers@gmail.com	4%	ITS and traffic signal design	N
Gannett Fleming	800 NW 62nd Avenue, Suite 490, Miami, FL 33126	786.845.9540	Naldo Gonzalez/Vice President	ngonzalez@gfnet.com	TBD	Intermodal planning (If in scope)	N
Gartek	2700 N 29th Ave Suite 303, Hollywood, FL 33020	954.404.8100	Paula Riveros/Director, Business Development	priveros@gartek.cc	3%	Electrical and lighting	Y
HBC Engineering	8935 NW 35th Lane, Ste. 201, Doral, FL 33172	305.232.7932	David Chang/Construction Project Engineer	dchang@hbcengineeringco.com	6%	Signing and pavement marking, roadway design, construction inspection	Y
Nova Consulting	3323 W. Commercial Blvd. Suite 250 Fort Lauderdale FL 33309	786.295.3575	Juan Prieto/Vice President	jprieto@nova-consulting.com	TBD	Construction management	N
Premiere Design Services (PDS)	12781 Miramar Pkwy, Suite 205 Weston FL 33327	954.237.7850	Luis Jurado/Vice President	ljurado@pds-eng.com	3%	Survey/SUE	Y
Quality Counts	8407 Laurel Fair Cir, Ste 400 Tampa, FL 33610	813.374.0110	Glenn Davis/Senior Operations Manager	gdavis@qualitycounts.net	TBD	Traffic counts	N
RADISE International	4152 W. Blue Heron Blvd., Suite 228 Riviera Beach, FL 33404	561.841.0103	Gregory Stelmack/Vice President	gregory.stelmack@radise.net	TBD	Geotechnical and materials testing, engineering during construction	N
SOLID CEI	5931 NW 173rd Drive, #B-4 Hialeah, FL 33015	305.456.8162	Ossie Larrazabal/Vice President	ossie@solidcei.com	3%	CEI	Y
Thompson Associates	P.O. Box 22398 Fort Lauderdale, FL 33335"	954.325.1626	Darren Badore	darren@thompson-inc.com	6%	Civil engineering	Y
Quest Corporation of America	17220 Camelot Court, Land O' Lakes, FL 34638	866.662.6273	Beth Zsoka/Community Outreach Specialist	Beth.Zsoka@qcausa.com>	TBD	Public involvement	N

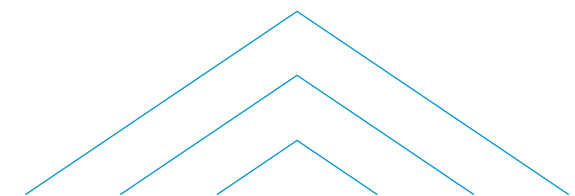
Table 1. List of subconsultants



FDOT Work Types

Company	3.1	3.2	4.1.1	6.1	6.2	6.3.1	6.3.2	6.3.3	6.3.4	7.1	7.2	7.3	8.1	8.2	8.4	9.1	9.2	9.3	9.4.1	9.5	10.1	10.3	10.4	15.0
Atkins North America, Inc. (PRIME)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•	•	•	•
	Subconsultants																							
Craig A. Smith	Not Applicable																							
Florida ITS Engineers				•	•	•	•	•	•															
Gannett Fleming	•	•	•	•	•	•	•	•		•	•	•							•	•	•	•	•	•
Gartek											•													
HBC Engineering	•	•		•	•	•	•	•	•	•	•	•									•			
Nova Consulting	•									•		•									•			
Premiere Design Solutions	•	•		•						•	•	•	•	•	•						•			
Quality Counts	Not Applicable																							
Quest Corporation	Not Applicable																							
RADISE	•																•	•	•	•	•	•	•	
SOLID CEI																					•	•		
Thompson and Associates	•																				•			

Table 2. FDOT work types by company.



CTQP and IMSA Certifications

Per RFP and addendum instructions, due to the CTQP site outage, our team's CTQP certificates are available upon request. Below is a list of our personnel's CTQP and IMSA certifications

	Advanced Maintenance of Traffic	IMSA Traffic Signal Technician	IMSA Traffic Signal Inspector	Asphalt Paving Level 2	Concrete Field Inspector Level 1	Earthwork Construction Inspector Level 1	Drilled Shaft Inspection	Quality Control Manager	Final Estimates Level 2
Jeremy Bourdon, PE	•								
Paul Mannix, PE, PTOE	•								
Daniel Menendez, PE				•				•	•
Michael Ryan, PE, PMP						•		•	•
Glenn Myers, PE	•								
Constanza Suarez, PE	•								
Vincent Reynoso		•							
Alton Robinson		•	•						
Andres Perea (Nova Consulting)					•	•	•		
Carlton Copeland (FIE)		•	•						
Ha Nguyen						•			
Darren Badore (Thompson)	•								

Table 3. Team's CTQP and IMSA certifications.



Antonio Serbiá , PE, ENV SP
Project Manager



Education

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

Registrations

- › Professional Engineer: Florida
55828, 2000; Puerto Rico
15768, 1996

Certifications

- › Envision Sustainability
Professional (ENV SP), 25482,
2018 (exp. 04/04/2020)

Antonio Serbiá has 24 years of infrastructure engineering experience including bridges, transportation, water, and wastewater projects. For the last 6 years, Mr. Serbiá has been involved in program management of capital improvement programs including planning, design, procurement, and construction management.

Antonio is the current project manager of all active projects Atkins is delivering for Broward County. Since his assignment in October 2018, he has successfully managed to complete and advance Atkin's projects including the New River Pedestrian Bridge, Andrews Ave. and Oakland Park Blvd. Intersection improvements; as well as the Pembroke Rd. West of Dykes Rd to East Side of Silver Shores Blvd. post design services.

Mr. Serbiá's Atkins project experience includes:

Cherrywood Avenue Watermain Extension Design Services, Hillsborough County, FL. This project consists of the design and installation of approximately 550 linear feet (LF) of 4-inch water main on Warman Court and Kaye Drive, 640 LF of 6-inch water main on Cherrywood Avenue, and 1,075 LF of 6-inch water main on Lake Magdalene Circle. Blowoffs will be included at the end of the 4-inch lines, and three to five fire hydrants will be appropriately-spaced along the 6-inch lines. Service laterals will be installed to the property lines of all lots along the new water mains (approximately 36 lots).

Van Dyke Wastewater Treatment Plant Mobile Sludge Dewatering Unit Design Services, Hillsborough County, FL. The project consists of providing support facilities for the County's Mobile Sludge Dewatering Unit (MSDU) at five wastewater treatment plant locations. The MSDU will primarily be used as the dewatering equipment for the Van Dyke Wastewater Treatment Facility. Design and construction services include civil, mechanical, structural, and electrical components.

Waterset Sport Complex Steel Storage Tank Alternative Bid Document Preparation Services, Hillsborough County, FL. The project consists of design and construction of a 5-MG reclaimed water storage tank and high service pump station to receive flows during off peak hours and re-pump during peak hour times. This will allow for dry weather peak hour demands to be met in this part of Hillsborough County and additional connections to the reclaimed water system. Provisions for an additional 5-MG tank and high service pumping will be provided to meet future demands. The project is in bidding phase. Atkins services included design and bid phase support.

Prior to joining Atkins, Mr. Serbiá's experience included:

New Taxiway Design and Construction, Luis Muñoz Marín International Airport, Puerto Rico. Manager of a \$30M taxiway design and construction project for Aerostar Airport Holdings, LLC, a privately held company that operates and manages the Luis Muñoz Marín International Airport on behalf of the Puerto Rico Ports Authority.

Capital Improvements Program, Seminole Tribe of Florida, Fort Lauderdale, FL. Program manager. Managed infrastructure capital improvements program entailing water, wastewater, conveyance, and transportation projects. Directed the execution of a multidisciplinary group of over 40 professionals on nearly 30 projects. The program is responsible to deliver planning, design, design management, construction management, operational support, and permitting coordination.

Bridge Rehabilitation Program, Puerto Rico Highway and Transportation Authority, Puerto Rico. Project manager. Metropistas, a concessionaire of the Puerto Rico Highway and Transportation Authority, conducted a bridge rehabilitation program aimed to correct deficiencies. Led a team in conducting the bridge inspection program. The project consisted in performing forensic engineering tests, survey, analysis, and design of rehabilitation work considering a limited construction budget. Assisted in the procurement process and construction supervision of the rehabilitation projects.

San Juan Waterfront Project, Puerto Rico Government Development Bank, San Juan, PR. Infrastructure program manager. Managed the infrastructure component of the San Juan Waterfront project master plan. Lead multidiscipline professionals' work, including marine structures, geotechnical, environmental, archaeology, and utilities infrastructure. Prepared construction estimates based on project scenarios and assisted real estate investment professionals in determining the return on investment of several project alternatives.

Program Management Consortium, Puerto Rico Aqueduct and Sewer Authority, Guaynabo, Puerto Rico. Deputy program manager. Managed the preconstruction, construction, and postconstruction phases of capital improvements projects. It involved direct supervision of over 40 professionals and 30 subconsultant firms. Conducted design quality reviews,

constructability analyses, cost estimate reviews, bid process coordination, and preparation for project initiation.

Capital Improvement Projects Program, Puerto Rico Aqueduct and Sewer Authority, Guaynabo, Puerto Rico. Construction manager for infrastructure projects. Responsibilities included the supervision of over 15 construction management professionals. Change order evaluation, claims evaluation and resolution, construction management, project controls auditing, resource and personnel allocation, and client relations.

Program Management Consortium, Puerto Rico Aqueduct and Sewer Authority, Guaynabo, Puerto Rico. Deputy program manager. Led the program's initiation focused on the implementation of a managing and operational structure. Supervised operational activities of over 20 personnel. Responsible to implement company policy and supervise professional employees in the execution of the Program Management Consortium.

TBE Group (TBE Caribe), San Juan, PR. Puerto Rico and Caribbean Branch manager. Responsible for startup of a branch office in Puerto Rico covering the services of Subsurface Utilities Engineering.

TBE Group, Clearwater, FL. Senior project manager. Project manager on bridge and highway design projects. Responsible for special concept civil engineering projects including aesthetic bridges and safety improvements.

T.Y. Lin International, Tampa, FL. Project manager. Responsible for structural design of bridges and highway structures. Conceptual design on special projects with high aesthetic requirements.

URS Corporation, Tampa, FL. Project manager. Structural design of bridges, prestressed structures, and foundations. Design experience on segmental and cable stayed bridges and geometry control.



Teresita Alvarez, PE

Deputy Project Manager/Roadway Design Lead



Education

- › B.S., Civil Engineering,
University of Miami, 1982

Registrations/licenses

- › Professional Engineer: Florida
43850, 1991

Teresita Alvarez has 34 years of experience working for the Florida Department of Transportation and has expertise in building/optimizing organizational processes, measurement systems, and infrastructure to maximize program and project delivery. She is skilled at strategizing to transform strategic plans into workable solutions and measures performance against targets and goals.

Ms. Alvarez's experience includes:

Golden Glades Multimodal Transportation Facility, FDOT, District Six, FL. District modal development administrator for Florida Department of Transportation, District 6. Served as the responsible project manager for development of 30 percent plans including utility coordination, regular local coordination with Miami-Dade County as the eventual occupant/operator of the site, periodic coordination with the Federal Highway Administration and Federal Transit Administration, updating the environmental documents, and preparation of the Request for Proposals package for the design-build procurement of the project. This process occurred over a constrained timeline requiring close coordination and communication between the involved agencies.

SR 9/SR 817/NW 27th Avenue Premium Transit PD&E Study, FDOT, District Six, Miami-Dade County, FL. District modal development administrator. Responsibilities included oversight of major PD&E studies addressing SMART Plan corridor implementation. Florida Department of Transportation (FDOT) was the lead agency for PD&E Studies of the SMART plan Kendall Drive and NW 27th Avenue rapid transit corridors, as well as the Flagler Street Bus Express Rapid Transit (BERT) corridor. Responsible for oversight and management of the NW 27th Avenue transit PD&E Study, monitoring and approving project study production activities, guiding execution of the public involvement plan, and performing coordination with elected officials, partner agencies, and key stakeholders.

SR 94/Kendall Drive/SW 88 Street Rapid Transit PD&E, FDOT, District Six, Location (City or County), FL. District modal development administrator for Florida Department of Transportation (FDOT), District 6. Responsibilities included oversight of major PD&E Studies addressing SMART Plan corridor implementation. FDOT was the lead agency for PD&E Studies of the SMART plan Kendall Drive and NW 27th Avenue rapid transit corridors, as well as the Flagler Street Bus Express Rapid Transit (BERT) corridor. Responsible for oversight and management of the Kendall Drive transit PD&E Study,

monitoring and approving project study production activities, guiding execution of the public involvement plan, and performing coordination with elected officials, partner agencies, and key stakeholders.

SR 968/Flagler St Premium Transit PD&E Study, FDOT. District modal development administrator for Florida Department of Transportation, District 6. Responsibilities included oversight of major PD&E Studies addressing SMART Plan corridor implementation. FDOT was the lead agency for PD&E Studies of the SMART plan Kendall Drive and NW 27th Avenue rapid transit corridors, as well as the Flagler Street Bus Express Rapid Transit (BERT) corridor. Responsible for oversight and management of the Flagler Street BERT PD&E Study, monitoring, and approving project study production activities, guiding execution of the public involvement plan, and performing coordination with elected officials, partner agencies, and key stakeholders.

District Consultant Project Management Engineer, FDOT, Miami, FL. Participated in the development and administered the Department's five-year work program for design projects, landscaping projects, and Project Development and Environmental (PD&E) Studies utilizing conventional design-bid-build, design-build (D/B), design/build/finance (D/B/F) and public private partnership (PPP) method of contracting. Planned, directed, coordinated, and monitored the scopes, schedules, budgets, and development of construction documents for roadway/freeway and bridge design, landscaping design, and project development projects. Managed the Errors and Omissions Program, Landscaping Program, FHWA Pilot Safety Pushbutton Design Contract.

Freeway System Engineer, FDOT, Miami, FL. Project manager for the Intelligent Transportation System (ITS) Program in District 6. Prepared and completed the PD&E Study for the deployment of the ITS Program within Miami-Dade and Monroe Counties. Programmed and managed the service patrol contracts for the limited access facilities within Miami-Dade County. Wrote Legislative Budget Requests (LBR) for the ITS Program which included funding requests for

the operations and maintenance and new state positions to man the ITS Control Center

Project Development Project Manager, FDOT, Miami, FL. Responsible for the preparation of alternate routes, location and other preliminary engineering studies that fix the project and its design criteria within the corridor link following the NEPA process. Arranged public hearing and public involvement activities, including public education, public interaction, and citizen's advisory programs. Coordinated with permitting agencies, municipalities, the public, and FHWA. Managed Project Development & Environment (PD&E) consultant contracts. PD&E project studies managed include: the Okeechobee Road corridor from the Palmetto Expressway to LeJeune Rd., Biscayne Boulevard at 203 St., NE 2nd Avenue Bascule Bridge, Collins Avenue from 71 St to 96 St, SR 874 new alignment from Turnpike to 137 Avenue.

Consultant Project Manager, FDOT, Miami, FL. Directed and assisted developing and analyzing the final preparation of the construction plans and right-of-way maps. Served as liaison of all pre-construction design activities with individuals and groups within FDOT, FHWA, County Municipalities, public agencies, public officials, elected officials, and general public. Managed consultant contracts which included developing scope of services, man-hours, negotiations for services, and supplemental as needed. Design projects managed include: Biscayne Boulevard corridor, four reconstruction projects from NE 123 St to Lehman Causeway, numerous old US 1 bridge rehabilitations and conversion into fishing piers in Monroe County, various RRR projects, and intersection improvements.

In-House Project Engineer, FDOT, Miami, FL. Responsible for designing and preparing highway project construction plans of various complexity to required standards. Developed and maintained project schedules and budgets for projects done in-house and by consultants. Supervised two technicians and managed miscellaneous design consultant contracts.



Paul Mannix, PE, PTOE
Quality Manager



Education

- › M.S., Civil Engineering (Transportation Emphasis), University of Wyoming, 1995
- › B.S., Civil Engineering, Montana State University, 1993

Registrations

- › Professional Engineer: Colorado 35289, 2001; Florida 57712, 2001; New Jersey 24GE05240900, 2015; Utah 369569, 1999

Certifications

- › Professional Traffic Operations Engineer (PTOE), 890, 2002
Advanced Maintenance of Traffic (MOT) Certification, FDOT, 2006, 2009, 2013
- › TxDOT Precertified, ESN 28243

Professional affiliations

- › International Bridge, Tunnel and Turnpike Association
- › Institute of Transportation Engineers
- › Intelligent Transportation Society of America, Florida

Paul Mannix has 24 years of experience in the intelligent transportation system (ITS) and traffic engineering industry. His experience includes extensive traffic signal design and traffic engineering study development as well as signing and pavement marking design plus ITS planning, design, construction, operations, and maintenance.

Mr. Mannix's Atkins project experience includes:

Active Arterial Management Contract, Florida Department of Transportation (FDOT), District Five, FL. Project manager. Responsible for overall project coordination, ensuring performance measure reports are completed and delivered monthly, and coordination with local agency partners and other stakeholders. Atkins is responsible for the operations of 11 corridors in the Orlando area by monitoring the travel times, speeds, and volumes along the corridors and providing reports against historical trends. InSync Adaptive Traffic Control Systems exist along some of these corridors, and the operators monitor the throughput and travel times along the corridors during peak hours to ensure the adaptive system is working correctly.

Continuing Engineering Services for Transportation and General Civil Engineering Projects, Broward County Highway Construction and Engineering Division, Broward County, FL. Under an on-call services contract to assist with planning, design, construction and construction management of projects throughout the County, serves as the task leader and engineer-of-record record on various assignments. These assignments have included overseeing the design of traffic signal upgrades or new installations as well as overseeing various traffic engineering studies; a new signal at Sheridan Street and NW 76th Avenue, a signal replacement at Oakland Park Boulevard and Hiatus Road and replacement signals along Pine Island Road. Traffic studies have been conducted for a segment of Pine Island Road, the Ft. Lauderdale Convention Center and a segment of Hiatus Road.

I-10 from I-95 to US 90, FDOT, Duval and Leon County, FL. Overall project manager and engineer-of-record record. Responsible for project coordination, ensuring the design meets FDOT standards, and developing the specifications package. Atkins is responsible for the design of the conduit and fiber communications system along I-10 from Jacksonville to Tallahassee.

General Engineering Consultant Contract, FDOT, District One, Bartow, FL. Supports this contract on various assignments as a task leader. Led the analysis and design of improvements to address a safety issue at the northbound I-75 off ramp to US 301. This project included traffic analysis of two signalized intersections for optimization, the design of median pedestrian accommodations,

and installation of traffic detection and warning sign elements. In addition, he leads the LAP plan review efforts for ITS, signalization, and signing and striping within the District.

Bryan Dairy Road, Pinellas County, FL. Project manager and engineer-of-record. Atkins was selected by Pinellas County through a continuing services contract to design an InSync Adaptive Traffic Control System along the corridor, which encompasses 10 signalized intersections. The adaptive system includes the installation of InSync video detection and uses the existing advanced detection loops with the InSync Fusion Module to convert the loop inputs for the processor. Additional project elements include design of ITS elements, including a fiber optic communications system; dynamic message signs, including the structures and CCTV cameras with poles; surveying; SUE; utility coordination; traffic control plans; and engineer's cost estimates.

SR 429 (Wekiva Parkway) Sections 4A and 4B ITS Deployment, FDOT, District Five, Deland, FL. Engineer-of-record for the design of the ITS system along the 4A and 4B sections of SR 429 (Wekiva Parkway). This included designing the fiber optic backbone system with one master hub location, CCTV cameras and microwave vehicle detection devices along this 3.1-mile corridor.

Northlake Boulevard Improvements Design Services, City of Altamonte Springs, FL. Signalization engineer-of-record record. This final design project consisted of widening, milling, resurfacing, and partially reconstructing nearly one mile of roadway with sidestreets, driveways, a cul-de-sac, and an intersection at SR 436. The existing three-lane roadway was modified to a two-lane roadway divided by curb and gutter, closed drainage, and eight-foot wide sidewalk. This project included design, right-of-way survey, utility coordination, signalization, landscape, irrigation, hardscape, and lighting.

Tampa International Airport (TPA) South Development Area Roadway Improvements Design-Build, Hillsborough County Aviation Authority, Hillsborough County, FL. QA/QC reviewer. Atkins was retained to design the signing and pavement markings, traffic signals and ITS improvements for the Tampa International Airport South Development Area

Roadway Improvements project. This work included the design of the signing and pavement markings for the new roadway configurations of the Airport service road, Bessie Coleman service road and Economy Parking Road. The roads were reconfigured and widened to accommodate the new configuration and a new roundabout was included. The work also included the design of nine upgraded or new traffic signals throughout the project area. Finally, the project included a new fiber-optic communications system along the roadways to connect to the signals plus CCTV cameras at strategic locations.

Northeast Coachman Road at Coachman Road Intersection Improvements Design Services, Pinellas County, FL. QA/QC reviewer. Atkins was retained by Pinellas County to analyze possible improvements to the Northeast Coachman Road at Old Coachman Road intersection. The improvements to be reviewed were signal optimization, upgrades to ADA standards and the pedestrian accommodations, and updating the signal system equipment. The specific duties of the project included data collection, modeling analysis of the intersection, review of pedestrian accommodations and options, review of bicycle accommodations and options, review of the drainage system, concept signal design, and cost estimating.

General Engineering Consultant Contract, FDOT, District Seven, Tampa, FL. Supported this contract on various assignments as a task leader. Led the development of the RFP package for the City of Tampa Traffic Signal Management, Phase I Advanced Traffic Management System project. Duties included working closely with FDOT and City of Tampa staff to define the needs of the project, developing the RFP package materials, assisting with reviews of technical proposal information through the procurement process, and assisting with cost estimates and scoping of tasks for the project with the selected firm. Continues to support this contract assisting with plans reviews and other owner's representative tasks.



Ruben Hernandez Gregorat, PE, MEM
Project Delivery Manager



Education

- › M.E.M., Masters of Engineering Management, Polytechnic University of Puerto Rico, 2003
- › B.S., Electrical Engineering, Polytechnic University of Puerto Rico, 1991

Registrations

- › Professional Engineer: Florida 79629, 2015; Puerto Rico 11957, 1991

Certifications

- › Certified Photovoltaic Systems Installer

Professional affiliations

- › Institute of Risk Management
- › Project Management Institute
- › Construction Industry Institute (CII)
- › Institute of Electrical and Electronics Engineers
- › American Water Works Association

Ruben Hernandez Gregorat has 28 years of experience in the management of large capital improvement programs for sectors including highways, transportation, public works, water and wastewater, manufacturing, biotechnology and commercial systems. He has managed a wide range of projects throughout the life cycle, from pre-planning through post construction, start-up, and commissioning. Mr. Hernandez Gregorat's experience also includes personnel and contracts management, private-public partnerships, asset management, risk assessments, renewable energy, cost analysis and reduction, project controls, federal program grants, due diligence, deal structuring, and negotiations. His software expertise includes AutoCAD, Microsoft Project, SureTrak, and Primavera.

Prior to joining Atkins, Mr. Hernandez Gregorat's experience included:

Bus Rapid Transit and Dynamic Toll Lane Puerto Rico 22 Highway, Puerto Rico Dept. of Transportation, San Juan, PR. Lead program manager for the construction of two dedicated lanes in the median of the highway for the first bus rapid transit (BRT) and dynamic toll lane (DTL) in Puerto Rico, a \$105 million project. The project connected the existing heavy rail train at Bayamon to a new park and ride facility at Dorado. Managed and oversaw civil works, drainage infrastructure, environmental assessments, overpasses, two interchange ramps, and two park-and-ride facilities along the 10 miles of new lanes. This project also included the procurement of ten hybrid buses and the widening and resurfacing of 2 miles of state roadway and improvements to the existing drainage system of PR 22.

Private-Public Partnership PR 22 and PR 5 Highways, Puerto Rico Department of Transportation (PRDOT), San Juan, PR. Lead program manager for the completion of the administrative concession of PR 22 and PR 5, the first concession of its type to be successfully achieved in Puerto Rico. As part of the total investment of \$1,436 million, more than \$350 million in estimated investment was for improvements and maintenance of the PR 22 and PR 5. Managed the concession overseeing the works related to rehabilitating and improving the safety of these two highways.

Route 66 Phase II (Canovanas to Rio Grande), Puerto Rico Dept. of Transportation, San Juan, PR. Successfully managed this \$80 million design-build project, which involved the greenfield construction of a four-lane highway of 5 miles extending from existing Route 66 Phase I at Canovanas to PR 3 in Rio Grande. The project included construction of new storm water structures, pipes and stormwater retention pond, relocation of power electrical utilities and water mains, installation of the first overhead toll collection system of Puerto Rico, improvements at five major intersections within the project limits, construction of

nine new bridges, and extensive utility coordination with numerous utility agency/owners throughout the project corridor.

Island Wide Repaving/Resurfacing of State Roads, PRDOT, San Juan, PR. Lead program manager for the reconstruction and resurfacing of 3,000 miles of statewide roads among the 78 municipalities. Managed \$105 million budget, procurement and prebid processes, and selection of primary contractors. The project consisted of widening and reconstruction of state roadway and arterial roadways, pavement markings, reconstruction of ramps and bridges, and improvements to the safety of these roads.

Diverplex Complex/Maritime Transportation Authority, PRDOT, San Juan, PR. Lead program manager for the modernization and development of the Maritime Transportation's piers and terminals at San Juan. Directly managed all architectural and engineering activities for the development of the Maritime's property to transform the zone into a commercial, cultural and entertainment area. Managed the capital budget of \$7.2 million and all the awarded contracts from the planning through the completion and commissioning of the project.

Autoexpreso Conversion to Electronic Toll Collection Systems, PRDOT, San Juan, PR. Lead program manager for the project to convert the cash tolling collection system into an electronic toll collection. The project scope was to optimize the transit flow among the PR 52 and PR 20 Highways, including over 12 municipalities. The project managed included the conversion of 23 toll plazas, improvements to safety of the plazas and improvements, to the toll lanes.

Interchange Improvements PR 5, PRDOT, San Juan, PR. Managed the planning, design, procurement, construction, and commissioning of the project to improve the PR 5 interchange at the entrance of old San Juan. The scope of the project managed included reconstruction and resurfacing of the state road PR 1 and PR 5, landscaping, pedestrian access, bicycle lanes to provide public access, and integration with the Miramar Convention Center and the Condado areas. The total budget assigned to complete the project was \$10.8 million.

Boulevard del Rio Improvements to Intersections with PR 177 and PR 174, PRDOT, Bayamon, PR. Lead program manager for the transit improvements of one of the most congested intersections in the metropolitan area. Managed the design, procurement, construction, inspection and commissioning of the project. The scope of work included the construction of a roundabout for Lomas Verdes Avenue, Main Avenue, and PR 174, along with the elimination of five traffic lights among these roads. Had an intensive lead with the coordination for relocating utilities from the Aqueduct and Sewer Authority and the Power and Energy Authority. The budget for completing this project was \$7.5 million.

Rio Blanco Off-Stream Reservoir and Intake Facilities, Puerto Rico Aqueduct and Sewer Authority, Naguabo, PR. Regional program manager to oversee the design, construction and inspection services for the Río Blanco off-stream reservoir and intake facilities, with a budget of \$130 million. The project increased the raw water intake to accommodate the existing 18-mgd Río Blanco Water Treatment Plant. The project major components directly managed included the earthen dam embankment, an off-stream earthen dam on the East side of the Río Blanco floodplain with a normal pool (full reservoir), with approximately 4.4 million cubic meters of active storage. Ancillary work inspected included pipelines from 42 inches to 66 inches in diameter and pump stations.

Fajardo Regional Wastewater Treatment Plant, Puerto Rico Aqueduct and Sewer Authority, Fajardo, PR. Project manager directly managing the design-build project of the regional wastewater treatment plant and its conveyance system (three pump stations), including the budget of \$120 million. Direct involvement included monitoring 10,000 meters of 18- to 24-inch force mains and three fully automated pump stations ranging from 6- to 29-mgd in capacity. Also led the civil engineering consultants during the early design stages, responsible for site/civil design, including coordination with the land survey subconsultant and other contractors responsible for architectural, mechanical, electrical, structural, and HVAC.



Humberto Alonso, AIA
Firm Principal



Education

- > M.B.A., Business Administration, University of Miami, 1979
- > B.Arch., Architecture, University of Miami, 1978

Registrations

- > Registered Architect: Florida AR0009778, 1983

Certifications

- > American Institute of Architects (AIA)

Professional affiliations

- > Greater Miami Chamber of Commerce, Board of Governors; Chair
- > The University of Miami, School of Engineering, Industry Advisory Board
- > American Institute of Architects
- > Miami-Dade County Public Schools, Blue Ribbon Committee on Workforce Housing

Humberto Alonso is a licensed architect with 38 years of experience including senior management positions with the South Florida Water Management District (SFWMD) and the School Board of Broward County (SBBC). His background includes the planning, design, and construction of capital projects for public clients, as well as commercial and office development projects for the private sector. Formerly, as Director of Service Centers for SFWMD, Mr. Alonso oversaw nine service divisions serving 16 counties, with a staff of over 120 and more than 270 local and cooperative projects.

Before joining SBBC in 1987, where he managed the planning, design, and construction of capital projects, he was a founder and vice president of an architectural firm specializing in commercial and office development projects.

In his current position as Vice President/Senior Regional Business Development and Strategy Director with Atkins, Mr. Alonso leads the firm's business development, public involvement, and advocacy activities in South Florida. He is responsible for developing/maintaining public and private client relationships and ensuring the firm's client commitments are met – including multiservice staffing assignments and coordination. He is the principal-in-charge for large/strategic client contracts to ensure service delivery and client satisfaction. He leads the firm's strategic planning and market activities in the region, while coordinating the development and implementation of the firm's community involvement strategy/activities, including the firm's Atkins Foundation charitable support activities within the South Florida community.

Throughout his career, Mr. Alonso has demonstrated a keen understanding of the engineering and design profession, as well as exceptional interpersonal, professional, and management skills.]



Constanza Suarez, PE
Traffic Signal Design/ITS Lead



Education

- › M.C.E., Civil Engineering, University of South Florida, 2010
- › B.S., Civil Engineering, University of South Florida, 2006

Registrations

- › Professional Engineer: Florida 73993, 2012

Certifications

- › Advanced Maintenance of Traffic, 2017 (exp. 2021)

Professional affiliations

- › TransportationYOU, Co-Chair, 2018
- › Florida Engineering Society, Broward Chapter, President, 2016 Women's Transportation Seminar, South Florida Chapter

Constanza Suarez has 12 years of experience in traffic engineering, including traffic design, traffic studies, and planning. She has a broad range of experience that includes traffic data collection, roadway characteristics inventory, complete streets, context classification, and corridor studies support. Ms. Suarez has been involved in all aspects of a transportation related projects, from the planning phase to the final delivery of construction documents.

Prior to joining Atkins, Ms. Suarez's project experience included:

SR A1A from SE 3rd Street to Palm Beach County Line, FDOT, District Four, Broward County, FL. Engineer-of-record for this resurfacing project in the City of Deerfield Beach. This project went from a simple resurfacing project to a more complex project that included roadway widening to accommodate bicycle lanes on each side, sidewalk improvements and adding new drainage structures. The project limits included a commercial area near the beach with heavy pedestrian activity and conflicting movements between pedestrians, bicyclists, parked vehicles and traffic. The use of green colored pavement was recommended to enhance bicyclist safety and awareness where conflicts with parking exist. Utility coordination as well as coordination with the City of Deerfield, Broward County MPO and the Florida Department of Transportation (FDOT) were critical to meet the project schedule and revised goals.

NE 135th Street Complete Streets Concept, FDOT, District Six, North Miami, FL. Project manager and project engineer for this complete street implementation project. The city requested FDOT District Six to analyze the existing conditions along SR 916/NE 135th Street and develop a complete streets concept for this corridor. Ms. Suarez lead the efforts of evaluating the existing conditions, developing a concept that included reducing the lane widths to provide a 12' raised median with grass and landscape along the corridor. The concept development, traffic analysis, and public Involvement efforts were completed within a 6-month time frame in order obtain timely approval to implement the proposed concept with an ongoing resurfacing project.

SR 114 (8th Street) from East of Francis Street to East of Boulevard Street, FDOT, District Two, Duval County, FL. Engineer-of-record for this 0.5-mile resurfacing project. Developed the signal plans for loop replacement, pedestrian improvements to meet ADA standards, and signing and pavement marking plans.

SR 45/US 41 (North Nebraska Avenue) from North of Linwood Drive to North of County Line Road, FDOT, District Seven, Hillsborough County, FL. Engineer-of-record for the signalization plans of this resurfacing project . Plans included replacing the diagonal span signal at County Line Road to

mast arms, new LED internally illuminated signs at all signalized intersections, and pedestrian features upgrades. This corridor runs parallel to CSX railroad tracks, requiring coordination with CSX staff to ensure proper signal pre-emption was maintained.

SR 91 – Resurfacing and Safety Upgrades for Turnpike Mainline, Florida Turnpike, Osceola County, FL.

Engineer-of-record for the signing and pavement marking, signalization and lighting plans for this 10-mile resurfacing and safety upgrades project. Lighting improvements included upgrading existing interchange lighting to LED fixtures at Kissimmee Park Road.

Safe Streets Academy Demonstration Project, City of Orlando, FL. Project engineer and designer leading the planning level striping plans and maintenance of traffic plans for this tactical urbanism demonstration project of Curry Ford Road. These plans needed to be permit-ready within two weeks in order to meet the tight Safe Streets Academy schedule. The implemented concept eliminated one through lane in each direction and were repurposed as a buffered bicycle lane.

Summerlin Avenue at Washington Street Traffic Signal Design, City of Orlando, FL. Analyst and design engineer for an intersection improvement project at the intersection of Summerlin Avenue at Washington Street. An intersection control evaluation study was performed to determine the most feasible intersection treatment. Evaluation included four alternatives to modify the existing two-way stop control to a multi-way stop control condition, signalization, roundabout, and rectangular rapid flashing beacons. After the completion of the evaluation, traffic plans were developed to install the beacons on the main approach.

SR 951 at I-75 Interchange, FDOT, District One, Collier County, FL. Lead project engineer for this interchange improvement project. Developed signal and signing and pavement marking plans. Improvements by the county at the interchange required simultaneous coordination.

SR 693 (Pasadena Avenue) at Majestic Blvd, Gulfport Blvd and Park Street, FDOT, District Seven, Pinellas County, FL. Engineer-of-record for this intersection improvement project. The existing span wire signals were replaced with new mast arms at three intersections along SR 693. Improvements included deep milling

details at each intersection to address extensive pavement deterioration, signing and pavement marking plans, pedestrian improvements to meet ADA Standards including curb cut ramps reconstruction, and installation of a pedestrian accessible signal at the intersection of Park Street.

SR 580 (Main Street) from Pinehurst/Crosley Drive to Belcher Road, FDOT, District Seven, Pinellas County, FL. Lead project engineer for this resurfacing and signalization improvement project. Developed signalization plans for the proposed mast arms. A signal replacement feasibility study was conducted to determine the possibility of replacing existing signals on strain poles with mast arm supports. Subsurface Utility Exploration was done per FDOT District Seven's Utility Directive #30 to determine a possible location for mast arm pole foundations. A feasibility report was completed identifying the proposed mast arm foundations. Coordination with the City of Dunedin and Pinellas County was ongoing during the design phase.

SR 50 Design-Build widening from West of Avalon Road to SR 429, FDOT, District Five, Orange County, FL. Project engineer responsible for designing new mast arm signals at eight intersections and preparing interconnect plans to replace the existing interconnect system with a 72-strand single mode fiber optic cable. The project included widening from four lanes to six lanes and adding sidewalk on both sides of SR 50. Eight new controller cabinets will be connected to the system for future SCOOT deployment. The new fiber optic cable will maintain the current 511 System along this corridor. The project interfaced with the Orlando-Orange County Expressway Authority's Freeway Management System at the eastern end.



Acey Roberts, PE
Traffic Signal Design/ITS



Education

- › B.S., Civil Engineering, University of Mississippi, 1999

Registrations/licenses

- › Professional Engineer: Florida 82914, 2017; Mississippi 20263, 2011

Certifications

- › Certificate in Asset Management, Institute of Asset Management, 5002830, 2018

Professional affiliations

- › Gulf Region Intelligent Transportation Society
- › Intelligent Transportation Society of America

Acey Roberts has 19 years of experience in traffic and intelligent transportation systems (ITS) both in private practice and with the Mississippi Department of Transportation (MDOT). His experience includes project programming and planning, fiber and signal design, ITS field device design and wireless communications systems. Mr. Roberts served as the MDOT ITS engineer, implementing state-wide systems, including advanced traffic management systems, 511, adaptive traffic signal control, maintenance work order programs, and traveler information smart phone apps and websites.

He was directly involved in the planning, design, and management of Mississippi's state-wide ITS program. During his tenure, MDOT installed over 500 field devices, opened 4 traffic management centers, and programmed over \$100 million in future projects.

Mr. Robert's Atkins' project experience includes:

General Engineering Consultant Contract, FDOT, District Seven, Tampa, FL. Supported this contract on various assignments with Intelligent Mobility, various project scopes and cost estimates, ramp metering feasibility studies and arterial management performance measure dashboard.

General Engineering Consultant Contract, FDOT, District One, Bartow, FL. Supported this contract on various assignments within the Traffic Design office, Construction Project Management for the FDOT D1 Truck Parking Availability System and various project scopes and cost estimates.

FDOT, District One, Truck Parking Accessibility System (TPAS). Supported FDOT District 1's construction office with ITS construction inspection and project management for multiple FDOT maintained rest areas. Provided project plan and submittal review, CEI services, coordination between the contractors and the department and other inspectors on project.

I-75 at SR 70 Interchange Design, FDOT, District One, Manatee County, FL. EOR for traffic improvements at I-75 and State Route 70 in Manatee County, Florida. Prepared plans for bid for Traffic Signal design, ITS field devices and communications, and signing and pavement marking.

I-75 at Corkscrew Interchange Design, FDOT, District One, Manatee County, FL. EOR for traffic and ITS improvements at I-75 and Corkscrew road in Lee County, Florida. Prepared plans for bid for Traffic Signal design, ITS field devices and communications, and signing and pavement marking.

I-75 FRAME – Connected Vehicle Project. QA/QC reviewer. Atkins is developing plans for a connected vehicle communications project along I-75 in FDOT D2 as part of Florida's Regional Advanced Mobility Elements program (FRAME). The project includes CAV technology to assist commercial vehicles and the public in safely navigating a section of I-75 that experiences chronic congestion in Alachua County, Florida. Provided quality reviews periodically during design process.

i-95 Express Lanes – Before / After Study. Preparing a 36 month before – after study to evaluate traffic in Broward County, Florida, including; speed, volume, occupancy and available crash data. This report will help FDOT D4 with future express lane expansion work and decision making for safety devices along I-95.

I-10 (I-95 to US 90) Intelligent Transportation System Design Services, FDOT, District Two and Three, Jacksonville, FL. Design ITS field devices and networking review for 150-mile project between District Two and Three. Oversee production staff, provide quality control/quality assurance support and technical design support. This project involves full traffic management systems, including fiber optic communication, closed circuit television, radar traffic collection, Bluetooth and dynamic message signs, along the corridor from Tallahassee to Jacksonville.

SR-826/I-75 Express Lanes Project, FDOT, District Four and Six, Miami-Dade County, FL. Oversee production staff, provide quality control/quality assurance and final design and revision support for this design-build 14 mile express lane project on the Palmetto Expressway and I-75 in District Six. Project includes full ITS design of dynamic message signs (DMS), toll DMS, lane status DMS, vehicle detection systems, closed circuit television cameras, ramp signaling and fiber optic communication between District Four and District Six.

Pinellas County Traffic Signal Contract. Provide design and plan production for Pinellas county under general consultant contract. Projects involved design and upgrade of new and existing traffic signals to accommodate geometric, signing and striping improvements.

Tampa International Airport South Development Area Roadway Improvements Design-Build, Hillsborough County Aviation Authority, Hillsborough County, FL. Providing traffic signal and ITS design for design-build project involving the widening and relocation of the existing north-south spine service road, relocation of the Bessie Coleman service road, and associated improvements to the roadway network in the general South Terminal Support Area.

Prior to joining Atkins, Mr. Roberts' project experience included:

I-10 Fog and Smoke Detection Project, Jackson, Co., MDOT, MS. Project includes 30 miles of fiber and ITS devices to monitor and assist motorists around the Pascagoula River basin. This area is frequently subject to fog and burn-off smoke from adjacent wildlife management area. Closed circuit television, weather and visibility monitoring stations are connected to the Mississippi Department of Transportation's statewide traffic management center and dynamic message signs are used to relay hazardous situations to motorists

Mississippi River Bridge Incident Management, Freight Movement and Security Project, MS. Tiger Grant 3 funded project that included Multi-modal ITS improvements on four Mississippi River bridge crossings. Jointly supported by the states of Arkansas, Louisiana and Mississippi, the project improved travel times and reduced accidents on these vital highway crossings. The project included fiber, closed circuit television, RDS, dynamic message signs, rural weather monitoring systems as well as a comprehensive network and software platform to allow seem less operations between all three states. A 5-year performance measure study is on-going to evaluate the benefits of the ITS devices, comparing delay of time periods including pre-construction, during construction and post-construction traffic data. This unique project was award the "Best Local Government Award" in 2014 at the ITS America World Congress.



Bo Gao (Florida ITS Engineers)
Traffic Signal Design/ITS



Education

- › Master of Science, Civil Engineering, University of South Florida, 1998
- › Bachelor of Engineering, Civil Engineering, Beijing University of Technology, 1993

Registrations/licenses

- › Professional Engineer, FL, 76395, 2013, 2/28/2021

Bo Gao has over 21 years professional experience on intelligent transportation system (ITS) design and implementation, adaptive traffic signal system design and operation, and traffic signal communication system implementation. His ITS and advance traffic management systems (ATMS) experience includes Miami-Dade County Traffic Signal Modernization Project at 300 intersections, FDOT District Five Integrated Corridor Management (ICM) strategy development, and Georgia DOT Statewide Traffic Signal System Upgrade. He was the project manager of FDOT District 4 and 5 TSM&O Continuing Service Contract, and most recently the EOR of the FDOT District 4 I-95 CCTV Camera Replacement project in Palm Beach, Martin, St. Lucie, and Indian River Counties.

Mr. Gao's project experience includes:

Transportation Systems Management and Operations (TSM&O) On-call Contract, FDOT District Four, FL. As the project manager, led the effort of districtwide TSM&O master plan updates, active arterial management (AAM) conceptual design on Atlantic Blvd. and Commercial Blvd, ITS plans review, ATCMTD Grant application preparation, and the RTMC strategic planning.

Traffic Signal Control System Modernization at 300 intersections, Miami Dade County, Miami-Dade County, FL. As the project manager, was responsible for the review of the database conversion of traffic signal controller timing plans, development of 60 BlueTooth and 245 Autoscope video detection deployment plans, and implementing Centrac's adaptive signal control module along 12 corridors.

I-95 Express Lane Before and After Study, FDOT District 4, Broward County, FL. As the project manager, was responsible for the mobility and traffic safety improvement analysis for Phase II of I-95 Express Lane project based on volume, occupancy, travel time reliability, law enforcement frequency, and crashes. The analysis was to assess before/after trends for major Express Lane construction/operation milestones including pole delineator installations, HOV decommissioning, and Roadway modifications and delineator relocations for merge modifications at NB Hollywood Boulevard.

Transportation Systems Management and Operations (TSM&O) On-call contract, FDOT District 5, District 5, FL. As the project manager, was responsible for districtwide TSM&O program management, active arterial management (AAM) performance dashboard, big data analytics, state routes



traffic signal re-timing, and Integrated Corridor Management (ICM) strategic planning, etc.

IndianTown Road (SR 706) Adaptive Traffic Signal Design, FDOT District Four, Palm Beach County, FL. As the project manager, led the effort of ITS and adaptive traffic signal equipment design at 13 intersections from Island way to US-1 along IndianTown Road. The task also included the design of CCTV cameras, MVDS, BlueTooth devices and fiber communication infrastructure across Loxahatchee River.

Statewide Traffic Signal System Upgrade, Georgia DOT. As the QA/QC manager responsible for the accuracy of database conversion from existing traffic signal control software to the new one. The responsibilities included reviewing of database conversion from Siemens/Eagle 2070 timing database to Intelight MaxTime ATC database at 500 intersections, data included coordination data, phasing data, detection data, time-of-day data, preemption/priority data, etc.

Adaptive Control System Design/Build Phase II, City of Santa Rosa, CA. Serving as the project manager for the installation of SCATS adaptive control system at 36 intersections along three corridors. In this capacity, he led the effort of adaptive system configuration, IP communication design, Autoscope video detection units and 2070 traffic signal controllers connections, CCTV camera installation design, installation of Encom wireless radios, configuration of Ethernet over copper devices, along with the integration of 8 CCTV cameras into a multi-cast VLAN network.

Travel Time Study along US-1 North and Miami Garden, Miami-Dade County, FL. As the project manager and lead traffic engineer, Mr. Gao was responsible for a before and after travel time study along two corridors where adaptive traffic signal control was operating to provide advanced traffic control. RITIS data were used and the analysis during peak hours and non-peak hours were performed to compare before and after travel time reliability.

Active Arterial Management Phase II, FDOT District Five, FL. Served as the EOR responsible for the preparation of plan, specification and estimate (PS&E) package. The project included 3 miles of fiber optic infrastructure and fiber optic cable splicing, 33

Bluetooth travel time detectors, 22 microwave count stations, and 22 wireless terminal servers installation.

SR 826/Palmetto/I-75 Express Lane Design/Build, FDOT District 6, Miami-Dade County, FL. As the ITS Project Manager, responsible for the communication design of fiber optics and wireless radio, ITS design (130 CCTV cameras, 6 highway DMSs, 11 arterial DMSs, 10 ramp signals and 60+ MVDSs) with lightning protection, tolling devices design (TADMS and LSDMS) at 6 tolling points, power subsystem design along with voltage drop analysis, and FAA clearance. The project consists of 13 miles of 144-strand of fiber optics cable along mainline freeway, and 11 wireless radios for arterial DMS at cross street, 33 new power service locations, as well as two ITS hub buildings to aggregate communication paths.

Okeechobee ITS Design Review, FDOT District 6, Miami-Dade County, FL. As the owner's representative, responsible for reviewing the ITS design plans developed by 5 ITS designers including CCTV, MVDS, BlueTooth, trunk fiber optic cable, and ITS HUB buildings. The task also included coordination with other FDOT projects and Miami Dade County projects.

SR 826/Palmetto Expressway and Okeechobee Interchange Design, FDOT District Six, Miami-Dade County, FL. As the ITS EOR, responsible for the development of Concept of Operations (ConOps), ITS devices design and communication system integration for the new 96-strand fiber optics cable along Okeechobee Rd.

Pedestrian Safety Design/Deployment Project, FDOT District Five, FL. As the QA/QC manager, responsible for system engineering document development, ITS plans review and Connected Vehicle (CV) equipment testing. The design included Lidar pedestrian detection installation locations and details, DSRC radio mounting details and wiring diagrams, and fiber optic cable connections. The CV equipment testing included traffic signal controller from four different vendors with SPaT data broadcast using different DSRC radios.



Jack Schnettler, PE
Transportation Planning and Traffic Studies Lead



Education

- › M.S., Urban Studies, University of Nebraska, 1983
- › M.S., Civil Engineering, Northwestern University, 1972
- › B.S., Civil Engineering, Washington University in St. Louis, 1970

Registrations

- › Professional Engineer: Florida 41672, 1989; Iowa 08172, 1976

Certifications

- › TxDOT Precertified, ESN 1913

Professional affiliations

- › Florida Engineering Society
- › American Society of Civil Engineers
- › American Public Transportation Association
- › National Society of Professional Engineers
- › Institute of Transportation Engineers

Jack Schnettler has 44 years of experience, including 23 years working with the Florida Department of Transportation. He has extensive experience in both quality assurance/quality control and as a project manager/lead technical professional on significant transportation studies. Mr. Schnettler has a proven technical and management background on a variety of transportation and multimodal projects, demonstrating a proactive and response mode of leadership, oversight, production, and coordination. He is responsible for directing a variety of transportation planning services, including functional planning, corridor studies, route and alignment studies, toll facilities analyses, transportation planning and modeling, and environmental documents. He is also highly experienced in transit feasibility studies, transit service and operating plans, intermodal facilities, traffic impact studies, traffic safety and operations analyses, and circulation and parking studies. Mr. Schnettler's commitment to completing projects on schedule and within budget has been demonstrated consistently over his career.

Mr. Schnettler's project experience includes:

General Planning Consultant, GPC VI, Miami-Dade Transportation Planning Organization, Miami, FL. Project manager responsible for contract and project management, coordination of subconsultants, client liaison activities, and project production and presentations. Supporting the TPO with progressive transportation planning services for assigned work orders, Atkins has led the following projects: Connected and Autonomous Vehicle Task Force organizational workshop, SW 152nd Street Multimodal Mobility Solutions Study, Miami River Tunnel Feasibility Study, and the Accessibility Measurement Tool development. For each work order, Atkins strives to develop study products that fulfill TPO expectations for comprehensive strategies and solutions that represent best practice applications of analyses, approaches and applications.

Westshore Regional Multimodal Center and Transit Connector Project Development and Environmental Study, FDOT, District Seven, Tampa, FL. Senior transportation engineer, providing creative concepts for multimodal center access, definition of uses and demand levels, and coordination with transit service providers expected to use the facility. Atkins led a study in evaluating and recommending a site for a regional multimodal facility in Tampa's Westshore District and a 5-mile-long corridor for an elevated automated guideway transit system that connects Tampa International Airport with the Westshore regional multimodal facility. The facility was intended to provide a regional link between myriad modes of transportation including interstate, regional and local bus lines, vanpools, taxis, shuttle services, and regional and local freeway systems. A multimodal center adjacent to I-275 would interface with future regional transit

as well as Hillsborough Area Regional Transit Authority routes, hotel shuttles, taxis, and other modes.

Maryland Parkway Corridor Alternative Analysis, Regional Transportation Commission of Southern Nevada, Las Vegas, NV. Quality assurance manager responsible for quality review and transit planning. Atkins is providing a transportation alternatives analysis associated with the Maryland Parkway corridor as it transitions from a phase of community expansion to a phase of community refinement. The study will consider transit options including conventional buses, BRT, streetcars, and light-rail and involves consensus-based planning. Atkins is considering transit technology alternatives, guideway alternatives, complete streets improvements, station locations and concepts, and preliminary environmental evaluation for this project.

North Carolina Statewide Multimodal Transportation Plan Update, North Carolina Department of Transportation (NCDOT), Statewide, NC. Planning task manager. This project is a major update of the Statewide Multimodal Transportation Plan, which will identify existing and future multimodal needs and deficiencies for the 30-year planning period and recommend programs, policies, and financing and implementation strategies that will allow NCDOT and the State to address transportation needs. The new plan is to reflect the many changes in operation and services rendered by the Department since the last plan was adopted and the new tools available to manage and implement system changes.

US 11 Southwest Corridor Transit Alternatives Analysis, Regional Planning Commission of Greater Birmingham, Birmingham, AL. As project manager, responsible for the overall project management, coordination of the seven subconsultants, client liaison, and project production and presentations. A multifaceted analysis is being conducted by Atkins of the potential transit alternatives in the corridor extending 18 miles southwest from downtown Birmingham along the US 11 corridor. This corridor exhibits some of the highest population density, transit ridership, and transit dependency in the Birmingham urban area. The transit alternatives to be examined cover a wide palette of options, including those identified in the recently adopted 2035 long-range transportation plan for bus

rapid transit and enhanced transit service on routes serving the corridor.

I-65/US 31 Bus Rapid Transit/Managed Lane Corridor Alternative Analysis, Regional Planning Commission of Greater Birmingham, Birmingham, AL. As transit task manager, responsible for the study of improvement alternatives, including multimodal alternatives consisting of no-build, TSM, and combinations of general-use lanes, HOV, and managed lanes on I-65, with premium transit options in both the I-65 corridor and the US 31 arterial as surface street transit. This project, in cooperation with the Federal Transit Administration (FTA), the Federal Highway Administration and the Alabama Department of Transportation, involved an alternatives analysis (AA) study of proposed transportation improvements to the I-65/US 31 corridor extending from downtown Birmingham into the south-central portion of the Birmingham metropolitan area. The improvements were collectively referred to as the I-65/US 31 Mobility Matters Project. The study provided information for local officials on the benefits, costs, impacts, and effectiveness of alternative transportation investments, which, at a minimum, included high occupancy vehicle (HOV) lanes, bus rapid transit (BRT), and express bus.



Wiatt Bowers, AICP
Transportation Planning
and Traffic Studies



Education

- › M.S., Urban and Regional Planning, Florida State University, 1996
- › B.A., Broadcast Journalism, Temple University, 1993

Certifications

- › American Institute of Certified Planners (AICP), Florida, 013748, 1998

Professional affiliations

- › Urban Land Institute American Planning Association, Florida Chapter, VP of Conference Services
- › Institute of Transportation Engineers

Wiatt Bowers has 25 years of transportation and land use planning experience. His primary areas of expertise include corridor studies and master plans, Complete Streets, long-range transportation plans, transit planning, active transportation (bike/ped) studies, traffic impact studies for developments of regional impact and other large projects, concurrency and mobility studies, and travel demand modeling.

Mr. Bowers' Atkins project experience includes:

Lakeland Intermodal Center Feasibility Study, FDOT, District One, Lakeland, FL. Project manager for study to identify, evaluate, and develop concepts for a new multimodal facility in Lakeland. The potential center would serve as a hub for local bus service, intercity bus service, and intercity rail service, and would also include ancillary facilities and amenities. The study includes coordination with a project advisory committee and public outreach.

SR 50 Corridor Study, FDOT, District Five, Clermont, FL. Project manager of this multimodal corridor study of a constrained corridor in central Florida. Work included identification and evaluation of traffic operations, safety, and active transportation enhancements. Efforts also included extensive coordination with City of Clermont, Lake County, and the Lake-Sumter MPO.

SMART Plan East-West Corridor Land Use and Visioning Planning, Miami-Dade Transportation Planning Organization, Miami, FL. Deputy project manager on this evaluation of land use scenarios to support rapid transit investment. The corridor is anchored by Miami International Airport and Florida International University, with additional activity nodes in between. The study involves significant coordination with local cities and infrastructure agencies, as well as an extensive public outreach component featuring design charrettes. Visualization will be a primary feature of the study.

South Coast Greenway Connector Feasibility Study, Hillsborough County Metropolitan Planning Organization, Tampa, FL. Project manager for feasibility and concept design study for a +12-mile-long trail in south Hillsborough County. The effort involves identifying and evaluating potential alignments, working with a project steering committee, conducting community outreach, developing conceptual designs, and estimating potential project costs.

Trails Master Plan, Sarasota County, Sarasota, FL. Project manager on update to the countywide trails plan, including waterway trails. Effort involves data collection, mapping, evaluation of needs, prioritization of capital projects,

cost estimation, and development of design guidelines. The study also includes public outreach as well as coordination with a stakeholders committee.

Coral Gables Transportation Master Plan, City of Coral Gables, FL. Lead planner on transportation and circulation study for the city. Effort involves identifying multimodal enhancement projects as well as developing traffic calming solutions to protect residential areas. Public engagement is a major component of the study, including the use of mySidewalk and social media.

JTAMobilityWorks Complete Streets Study, Jacksonville Transportation Authority, Jacksonville, FL. Project manager for analysis of potential bicycle, pedestrian, transit, and safety enhancements on several major corridors. The study includes conducting multiday charrettes and workshops to garner public input and build community support. Services also include development of conceptual designs for key projects identified for each corridor.

General Planning Consultant for Large Project Reviews, Manatee County, FL. Project manager for contract to assist County staff in the review of developments of regional impact and other large projects throughout the County. Tasks include evaluating trip generation and trip distribution for projects, as well as analyzing impacts and developing appropriate mitigation strategies. Efforts have often involved the review of land use changes made as part of notices of proposed change and substantial deviations.

Plant City Bicycle-Pedestrian Master Plan, Hillsborough County Metropolitan Planning Organization, Plant City, FL. Project manager of this citywide transportation study. Efforts included documenting existing conditions, evaluating needs and opportunities, prioritizing projects, identifying potential revenue sources, and engaging with the community and stakeholders.

SR 434 Corridor Study, FDOT, District Five, Longwood, FL. Project manager of this multimodal corridor study of a constrained corridor in the Orlando area. Work included identification and evaluation of traffic operations, safety, and active transportation enhancements. Efforts also included extensive

coordination with City of Longwood, Seminole County, MetroPlan Orlando, and SunRail staff.

Nautilus Neighborhood Traffic Circulation Study, City of Miami Beach, FL. Project manager for this neighborhood traffic calming and safety study in Miami Beach. Services included identifying traffic patterns, as well as hot spots for speeding and crashes, and evaluating concerns raised by residents. The study also involved developing solutions to remedy the residential concerns, estimating project costs, and coordinating with the City and with Miami-Dade County.

SW 152nd Street Corridor Study, Miami-Dade Transportation Planning Organization, Miami, FL. Lead planner on this study to evaluate multimodal transportation issues and opportunities for a major corridor in southwest Miami-Dade County. Efforts included travel demand modeling, microsimulation, analysis of existing and future conditions, development of conceptual multimodal improvements, cost estimating, and presentations to client committees.

WalkBike Phase V, Hillsborough County Metropolitan Planning Organization, Tampa, FL. Project manager for a study of a perimeter trail through the urban core of Tampa. Work included dividing the trail into segments, identifying appropriate design treatments for each segment, preparing concept engineering plans, estimating construction costs, and prioritizing implementation by segment.



Glenn Davis (Quality Counts) Traffic Data Collection

Education

- › B.S., Business Management,
Florida Atlantic University

Glenn Davis is the main contact for all of Florida regarding all contracts and projects. He oversees each of the offices' daily operations and works directly with clients. Mr. Davis has managed numerous contracts including aggregate annual tube counts of more than 300 locations. In addition, he has managed several specialized projects where new approaches and dynamic methods were developed in order to complete tasks, specifically using video technology for TMC's and non-intrusive radar units for traffic monitoring.

Mr. Davis' project experience includes:

Corrine Drive Corridor Study – MetroPlan Orlando. Quality Counts was subcontracted by Metroplan Orlando to perform corridor data collection for Corrine Dr in Orlando, FL. The task consisted of 2-hr AM and PM (Midweek) and Mid-day (Weekend) turning movement counts and bike counts at 23 locations in the study area, as well as 7-day Class, Speed, and Volume counts at 35 locations in the study area, and 7-day Bluetooth OD and Travel time data for 23 different points of interest throughout the study area.

UM Campuswide Parking Lot Study, University of Miami. Quality Counts had been subcontracted by the University of Miami in Coral Gables, FL to perform a campus-wide parking lot demand study. The task included 12-hour counts for two consecutive days of occupied spaces for each of the schools lots and garages separately, also taking note of ADA, Service, Reserved, Visitor, and others separately from common spaces. In total, the school had in excess of 80 different lots and garages. Contact: Veronica Altuve at 305-284-6734

Virginia Avenue Trip Diversion and Multimodal Connectivity Study, City of Orlando. The purpose of this study was to monitor the road segments of Virginia Ave, Lake Highland Dr and Brookhaven Dr in Orlando. Quality Counts was contracted by Renaissance Planning Group for the City of Orlando to setup and perform O-D Bluetooth data collection at 18 locations throughout the study area for the duration of one week.

Sawgrass Mills Area Traffic Study, Broward County. This project was tasked through a Broward County contract with Atkins that we are listed as a sub for data collection. It required an initial collection of 20 7-day volume counts to determine peak hours of traffic all around the Sawgrass Mills mall for normal weekday peaks, weekend peaks, and special event peaks. During this same time, we had Bluetooth data collection equipment collecting origin-destination data to



determine travel patterns all around the mall. With the peak information, we were then assigned 33 intersections to collect TMC counts for 5 different 2-hour peaks per intersection.

Glades Road Interchange PD&E Study, FDOT District Four. Quality Counts was subcontracted by URS/AECOM to perform AM and PM Peak turning movement counts for three consecutive days (through use of video) at thirteen (13) intersections along the Glades corridor and adjacent side streets. In addition, QC was tasked with collecting Bluetooth data collection to determine origin-destination information for 6 identified origins. Data was collected for over a two-week span.

FDOT Annual Pedestrian and Bicycle Counts, FDOT. The purpose of the study was to determine the pedestrian activity at each corner of particular intersections. Quality Counts was subcontracted by Kittelson and Associates for FDOT Central Office to film the corners of each intersection for an entire week and perform the counts for 3 midweek days and 2 weekend days. Cameras were setup at opposing sides of a given intersection and used to collect the pedestrian activity at each corner. Fifteen intersections were analyzed for twenty-four hours continuously for each of the study days. At each corner of the intersection the turning movements of each approaching pedestrian were logged. Additionally, the pedestrians were separated by classes. Regular pedestrians were separated from those who used assisted walking devices as well as those using recreational devices such as rollerblades or skateboards.

2016 Highlands County Annual Traffic Program, Highlands County. Quality Counts was subcontracted by the Highlands County to perform 24-hr volume, speed, and classification counts for 197 locations around throughout the county.

Bluetooth Before & After Travel Time Study, MetroPlan Orlando. The purpose of the study was to measure travel time & signal validation data with Bluetooth readers before and after signal retiming was performed along particular corridors throughout Orlando, including Seminole, Orange, and Osceola Counties. Quality Counts was subconsulted by Kittelson & Associates and the task consists of performing data collection on nearly 30 road segments per year. The study is completed in phases, with each segment being monitored for 3 days. Contact: Ryan Cunningham at 407-540-0555



Jeremy Bourdon, PE
Roadway Design



Education

- › B.S., Civil Engineering,
Michigan State University,
1996

Registrations

- › Professional Engineer: Florida
59933, 2003; Michigan
6201049133, 2002; New York
100211, 2018

Certifications

- › Specification Package
Preparation, FDOT Certified
- › Advanced Maintenance of
Traffic, FDOT Certified

Professional affiliations

- › American Society of Civil
Engineers

Jeremy Bourdon has 20 years of transportation experience and is responsible for the preparation of plans, schedules, cost and manhour estimates, and job budgets; performance of preliminary engineering design and reviews; oversight of final plans and reports for client approval; and coordination of work with other engineers and professionals. Mr. Bourdon's experience ranges from local intersection improvement projects to complex international design-build projects.

Mr. Bourdon's Atkins project experience includes:

FLL New Runway 9R-27L Expansion Design and Design-Build Support, Ft. Lauderdale-Hollywood Int'l. Airport, Broward County Aviation Dept., FL. Atkins was selected as the lead designer responsible for the replacement and expansion of Runway 9R-27L and associated taxiways, heading a team of 16 specialized and local subconsultants. Atkins is providing the project manager/engineer-of-record for the \$800 million expansion, which will be delivered by design-build methodology, with Atkins preparing the design criteria package and developing the structures to the 30% level. Additional responsibilities included construction administration and oversight for the new 8,000-foot runway. The new runway extends over the FEC Railroad, the airport perimeter road, terminal entrance roadways, future light rail corridor, and eight lanes of Federal Highway US-1. In addition to supporting aviation electrical infrastructure, lighting and signage, storm water drainage system, NAVAIDs, this project required the construction of more than 500,000 square yards of pavement on some six million cubic yards of embankment and structure.

King Abdulaziz International Airport, Saudi Binladen Group, Jeddah, Kingdom of Saudi Arabia. Project manager for landside roadways (Package 2) responsible for Passenger Access Roads and Terminal area on this design build project. Project included complex structures, utility coordination, railroads, tunnels, and a viaduct structure. Total project budget exceeds \$7 billion USD.

SR 90/Tamiami Trail from West of Loop Road to West of Everglades Preserve (9 miles), FDOT, District Six, Miami-Dade County, FL. Project manager for the resurfacing, restoration, and rehabilitation project located in western Miami-Dade County. The project scope includes milling and resurfacing, pavement striping, and drainage improvements.

Mall of San Juan (PR-8 and Perimeter Road), The Taubman Company, San Juan, PR. U.S. project manager and lead engineer overseeing roadway, structures, drainage, signing and marking, signalization, and traffic control of this design-build project. This reconstruction project includes three new bridges and roadway reconstruction and new alignment to provide access to the Mall of San Juan and improve traffic conditions along PR-8.

SR 860/Miami Gardens Drive, FDOT, District Six, Miami-Dade County, FL. Engineer-of-record for traffic control for this ride-only project, which consisted of milling and resurfacing, minor widening, intersection modification, and drainage improvements to address corridor deficiencies.

SR 874 Widening and Reconstruction Design-Build, Miami-Dade Expressway Authority, Miami-Dade County, FL. Project manager for this project consisting of roadway improvements from Kendall Drive to SR 826 (Palmetto Expressway) in Miami-Dade County. The project includes roadway reconstruction and widening, signalization, structures, signing and pavement marking, environmental, geotechnical, lighting, noise walls, and drainage. Atkins is serving as a subconsultant on this project.

SR 9/I-95 (South of Indrio Road Interchange to the St. Lucie/Indian River County Line), FDOT, District Four, St. Lucie County, FL. Roadway engineer for this fast-tracked design-build criteria package production project. Project elements include roadway design, typical section, pavement design, cross sections, drainage design, traffic control, signing and pavement marking, and request for proposals language development. The scope of services includes widening mainline I-95 from four to six lanes, and modifications to the northbound exit ramp.

SR 5/US 1/Overseas Highway (MM47-MM48), FDOT, District Six, Monroe County, FL. Project manager for this 3R project located in Marathon. The project scope includes milling and resurfacing, pavement striping, drainage improvements, and widening to create a 10-foot hurricane evacuation shoulder.

118th Avenue (CR 296), FDOT, District Seven, Pinellas County, FL. Assistant project manager and lead roadway engineer. This project included major reconstruction and the addition of elevated express lanes and frontage roads.

Cargo Road Extension, Hillsborough County, FL. Assistant project manager and lead roadway engineer for this design-build project. This new 4-lane, divided alignment had multiple existing and proposed utilities that required extensive coordination.

Coconut Creek Educational Corridor, Broward County, FL. Project manager and engineer-of-record for this 3R project, which includes milling and resurfacing,

divided median construction, and pedestrian and bicycle enhancements. The project is Local Agency Program funded and is being constructed in multiple phases. The roadway is under the jurisdiction of Broward County, involves FDOT oversight, and is being designed on behalf of the City of Coconut Creek.

Spencer Avenue Extension, Sarasota County, FL. Project manager and engineer-of-record for this new rural alignment. Oversaw the project's day-to-day operations including oversight of technical issues, plans production, adherence to schedule, quality control compliance, client coordination, and all other contractual obligations. This project included right-of-way acquisition, joint planning agreement water plans, and community involvement.

Honore Avenue/Pinebrook Extension, Sarasota County, FL. The Honore Avenue/Pinebrook Road extension consisted of a new four-lane divided roadway alignment from Laurel Road to SR 681 in Sarasota County. In conjunction with this project, I-75 was relocated toward the median, and a portion of I-75 was converted into a local road. Noteworthy project elements included significant public involvement, coordination with FDOT, environmental sensitivity, and construction of a new alignment for a majority of the project.



Willmar Castro, PE
Roadway Design



Education

- > B.S., Civil Engineering,
Florida Institute of
Technology, 2002

Registrations/licenses

- > Professional Engineer: Florida
69370, 2009

>

Willmar Castro has 16 years of experience in multiple areas of roadway design such as roadway geometry, earthwork, traffic control, signing and pavement markings, signalization, and drainage. He also has basic understanding of some structural components while being part of the roadway department for a structural company. Mr. Castro has served as engineer-of-record on two bridge projects. He was responsible for roadway alignments as well as deck elevations.

Mr. Castro's project experience includes:

SR 93/I-275 at SR 60/Memorial Highway, FDOT, District Seven, Hillsborough County, FL. Lead TTCP roadway designer using 3D corridor modeling. This is a RFP project that addresses the introduction of managed lanes along I-275 and SR 60.

SR 93/I75 at SR 52, FDOT, District Seven, Pasco County, FL. Engineer-of-record and designer for all post design in roadway and traffic control plans.

SR 821/HEFT at Campbell Drive, FDOT, Florida's Turnpike Enterprise, Miami-Dade, FL. Lead roadway designer using 3D Corridor Modeling. This is a RFP project, where the main scope is to improve traffic flow by turning a single ramp exit to two lanes and introducing a new on ramp to HEFT.

SR 9/I-95 at Donald Ross Road, FDOT, District Four, Palm Beach County, FL. Lead roadway designer using 3D Corridor Modeling. This is a design-build project, where the main scope is to improve traffic flow by adding several turn lanes at the interchange.

SR 9/I-95 at SR 708/Blue Heron Boulevard Interchange, FDOT, District Four, Palm Beach County, FL. Involved in aspects of the design process, scheduling, and estimating. Main scope for this project is upgrading off-ramps at this interchange from dual to triple left turns.

SR 9/I-95 Southbound Rest Area, FDOT, District Four, Martin County, FL. Involved in aspects of the design process, scheduling, and estimating. This is a parking lot concrete pavement project.

SR 9/I-95 at Hypoluxo Road Interchange, FDOT, District Four, Palm Beach County, FL. Lead roadway designer. Project consists mainly of Southbound Off-Rampbridge widening and ramp widening using steel sheet pile wall. The operational improvements at the Hypoluxo Road interchange include widening of the northbound on-ramp, providing a dual left turn lane for the eastbound to northbound traffic, and lengthening the left turn lanes for both entrance

ramps. Sidewalks will also be retrofitted with updated curb ramps and detection landings to meet ADA requirements.

SR 808/ Glades Road (From Butts Road to Airport Road), FDOT, District Four, Palm Beach County, FL. Involved in all aspects of the project design process including cross section, horizontal alignment, drainage, spread analysis, roadway geometry, signalization, and signing and pavement marking.

SR-953/ LeJeune Road at SR-5/US-1, FDOT, District Six, Miami-Dade County, FL. (FM No. 428279-1-52-01). Engineer-of-record for the signalization component. Intersection safety improvements at this high-volume intersection include pavement resurfacing to provide new markings, installation of new traffic signal mast arms to accommodate additional signal heads, upgrades to pedestrian features such as curb ramps and crosswalk pedestals, and geometric modifications to eliminate illegal turning movements.

Boca Grande Causeway North Swing Bridge Replacement, Gasparilla Island Bridge Authority, Placida, FL. Engineer-of-record for the roadway components. Final design for the replacement of a 220-foot swing span bridge. Project consists of 678 feet of new bridge including a 250-foot deck girder swing span and approach spans utilizing Florida I-Beams. Embankments are supported by MSE walls and protected by new bulkheads and revetment. Other responsibilities include the design of the bridge deck elevation, MSE walls, preliminary sheets piles, bulkheads, cost estimates, and computation book.

Rickenbacker Causeway, Miami-Dade County Public Works, Miami-Dade County, FL. Roadway engineer-of-record and lead designer for all the roadway components and traffic control plans in this design-build project.

SR A1A/Flagler Memorial Bridge over ICWW, FDOT, District Four, Palm Beach, FL. Highway engineer responsible for deck elevations on the approach spans as well as the movable span. This was a \$95 million design-build contract to replace twin double leaf bascule span bridge with a 150-foot rolling lift span over the navigable channel and 12- 150-foot pre-stressed concrete approach spans and approach roadway work. Project maintains traffic on existing bridge during construction of the new bridge.

SR 93/Turnpike at Indiantown Road Interchange Improvements, Palm Beach County, FL. Involved in all aspects of line and grade design for this trumpet interchange ramp bridge replacement project. All the ramps required both horizontal and vertical realignment due to the bridge replacement.

AAF Railroad Project, South Florida. For this over 130-mile project, responsibilities include the horizontal and vertical alignments design at several crossings within the project limits using InRoads. Other duties included assisting intern engineers in their growth as engineers, maintenance of traffic, and signing and pavement markings.

SR-9/I-95 Express Lanes, FDOT, District Four, Miami-Dade and Broward Counties, FL. Project engineer responsible for signing and pavement markings for the express lane entrances and exits as well as South Florida Water Management District permit applications. Plans production for this package stretching from Golden Glades Interchange to Broward Boulevard Park & Ride in Miami-Dade and Broward Counties.



Naldo Gonzalez, PE, ENV SP (Gannett Fleming)
Roadway Design



Education

- › B.S., Civil Engineering,
Tulane University, 1972

Registrations

- › Professional Engineer: Florida
51945, 1997

Certifications

- › FDOT Advanced
Maintenance of Traffic
Certification No. 15014

- › Envision Sustainability
Professional (ENV SP):

Professional affiliations

- › American Society of Civil
Engineers

Naldo Gonzalez provides project oversight, confirming quality control and quality assurance, and leading the technical and managerial aspects to meet project objectives, scope, budget and schedule. He has served as project principal on highway planning, design and construction engineering for urban transportation projects. Naldo has successfully completed roadway projects in Florida, developing final design and construction documents that include roadway alignment, maintenance of traffic, drainage and permitting, signing and pavement marking, lighting, utility coordination and adjustment, and landscape and hardscape design.

Mr. Gonzalez's project experience includes:

SR 834/Sample Road Resurfacing, Restoration, and Rehabilitation, Broward County, FL, FDOT District Four. Project manager for a project that involved the resurfacing, restoration, and rehabilitation of SR 834/ Sample Road from Rock Island Road to Perimeter Road. The project included resurfacing pavement; widening the roadway for construction of additional lanes and bus bays; implementing access management (median modifications) and drainage improvements; updating pedestrian curb ramps to current standards; and upgrading lighting, signing and pavement markings, and signalization.

SR 822/Sheridan Street Intersection Improvements, Broward County FL, FDOT District Four. Project manager responsible for design and the preparation of plans for improvements to the SR 822/Sheridan St intersection and N 52nd Ave. The project included milling and resurfacing pavement; widening the intersection for increased capacity and safety; and drainage, lighting, and signalization upgrades.

GEC Contract A, Miami-Dade County, FL, Miami- Dade Expressway Authority (MDX). Project principal for project that includes providing general engineering services. Task work orders include preliminary studies and engineering for the SR 874 interchange at SR 968/Sunset Drive and the SR 924/ Gratigny Parkway Extension. Additional assignments include inspection and plans for bridge joint repair at 78 bridges on MDX's system of tolled highways.

Homestead Extension of Florida's Turnpike (HEFT) Widening from N. of SW 72nd St (Sunset Dr) to N. of SW 40th St (Bird Rd), Miami-Dade County, FL, FDOT Florida's Turnpike Enterprise. Project manager responsible for leading the technical and managerial aspects of the design for this \$55 million design- build project. The objective is to improve traffic operations on the HEFT by widening 2.1 miles of this limited access tolled facility to provide three general purpose lanes and two express lanes in each direction in addition to



auxiliary lanes. Other operational improvements include the relocation of the northbound off-ramp (Ramp A) to SW 40th St (Bird Rd) further south, widening of Bird Road, and reconstruction of SW 117th Ave. The design proposes roadway reconstruction (realignment); new and widened bridge structures; and upgrades to drainage, signing and pavement markings, lighting, signalization, intelligent transportation systems (ITS), and landscaping. In addition, the existing Bird Rd Mainline toll plaza is being demolished and a new mainline all-electronic toll collection facility with an accessible gantry is proposed south of Miller Dr for tolling the general purpose lanes and express lanes in both directions. Served as EOR for MOT plans comprised of four phases to construct the HEFT widening while maintaining three lanes of traffic in each direction that carry over.

Professional General Engineering Services, Doral, FL, City of Doral. Project principal responsible for quality control/assurance, client management, resource allocation, and reviewing and approving task work orders for this general consulting services contract. Services included roadway/drainage design, structural design, traffic and transportation engineering, civil/site planning and design, water and sewer design, environmental assessments and engineering, land use and zoning, architectural design and space planning, building remodeling and new construction design, plans review and permitting, building/threshold inspections, contract administrations, CEI, material inspections, management, and landscape design.



JOSE A. LOPEZ, PE

Project Engineer

HBC TENURE: 2 Years

INDUSTRY EXPERIENCE: 14 Years

EDUCATION:

B.S., Civil Engineer

Polytechnic University of Puerto Rico, 2005

PROFESSIONAL EXPERIENCE:

HBC Engineering Company

Project Engineer, 2016-Present

CPM International, 2011-2016

Independent Consultant, 2004-2011

PROFESSIONAL REGISTRATIONS:

Professional Engineer, FL No. 81014

Professional Engineer, Puerto Rico-No.
21897

TRAINING AND CERTIFICATIONS:

30 HR OSHA Certification

TTC Advanced Certification

Procore Fundamentals Certificate

PM Methodologies

Applied Project Manager V13

Specifications Package Preparation Training
for Consultants

OFFICE LOCATION: Doral, FL

KEY PROJECTS

FDOT DISTRICT 6, SR 90/SW 8TH ST. AND SW 157TH AVE., SAFETY IMPROVEMENT PROJECT, MIAMI-DADE COUNTY, FL, PROJECT REFERENCE: JASON CHANG, PE, (305) 470-5331, Jason.chang@dot.state.fl.us: Engineer of Record responsible for designing improvements to optimize safety and operations at the high-speed intersection of SR 90/SW 8th St. and SW 157th Ave., which was carried out through 0.52 miles. Tasks consisted of widening the northbound lanes providing an exclusive free flowing left and right turn lane and widening of the eastbound and westbound accelerations lanes. Design also included shoulder reconstruction, milling and resurfacing, pavement markings, new guardrails, bike lanes, and signage. Performed pavement design and calculations. Also prepared design variations. Duration 2017-ongoing

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS, DESIGN-BUILD ON NE 2ND AVE. FROM NE 69TH ST. TO NE 84TH ST. ROADWAY AND DRAINAGE IMPROVEMENTS, MIAMI-DADE COUNTY, FL, PROJECT REFERENCE: LUIS BALDO, (305) 375-2111, Baldo@miamidade.gov: Deputy Project Manager responsible for the widening and reconfiguration design of 5016 feet of the four-lane roadway segment. Improvement design included the addition of bike lanes, street parking, pavement reconstruction, an enhanced storm sewer system, curb and gutter repairs, and sidewalk reconstruction. Design also involved new pavement, horizontal and vertical geometry, side street and plateau intersection signalization, sign and pavement marking, and preparation of TTCP. Coordination was also made between all design disciplines such as roadway, signalization, SPM, street lighting, landscaping, drainage, water main lines, utilities, and environmental, while maintaining the project on schedule. Performed pavement design and calculations. Project also included extensive public involvement and utility coordination. TTCP involved shifting of traffic as required to facilitate construction through railroad crossing while maintaining the existing railroad-crossing gate. This required coordination with the railroad company and provision in the design for a railroad flagger during construction. Duration 2016-ongoing

JOSE LOPEZ, P.E.
Project Engineer

FDOT DISTRICT 6 SR 922/ NE 125TH ST. AT NE 10TH AVE. INTERSECTION, MIAMI-DADE COUNTY, FL, PROJECT REFERENCE: NATHAN PULIDO, PE, (305) 470-5207, Nathaniel.pulido@dot.state.fl.us: Engineer of Record for intersection improvements and signage design. In charge of designing mast arms placements and pedestrian signals, preparing TTCP, along with coordinating with structural engineer. Pavement design was also completed. Duration: 2017-ongoing

FDOT DISTRICT 6, SR 25/NW 36th ST. FROM NW 5th AVE. TO NORTH MIAMI AVE. SAFETY PROJECT, MIAMI-DADE COUNTY, FL, PROJECT REFERENCE: AURALIZ BENITEZ, P.E., (305) 470-5471, Auraliz.Benitez@dot.state.fl.us: Engineer of Record and Project Manager in charge of designing roadway improvements according to safety recommendations made to mitigate hazardous conditions for all motorized and non-motorized traffic through the area. This included signalization improvements that provide orderly and predictable movement of traffic flow, additions of separators and medians to decrease conflict points wherein high rates of accidents were reported, milling and resurfacing to enhance road quality, Temporary Traffic Control (TTC) providing efficient movements around work zones, along with signing and pavement markings to ensure informed operations within the traffic stream. Also performed pavement design. Specific signalization designs consisted of new signalization loops and assembly, signal heads, pedestrian heads and detectors, sign panels including internally illuminated signs, and new mast arm. Duration: 2017-Ongoing

FDOT DISTRICT 6, SR 25/NW 36 STREET FROM NW 20 AVENUE TO NW 19 AVENUE, FM 442537-1-52-01, MIAMI-DADE COUNTY, FL, PROJECT REFERENCE: MARIA PERDOMO, (305) 640-7186, maria.perdomo@dot.state.fl.us: Engineer of Record and project manager responsible for designing roadway safety improvements. This resulted from a Safety Study Report dated July 30, 2015, completed for this roadway segment and involved improvements to SR 25/NW 36 Street from NW 20 Avenue to NW 19 Avenue in the City of Miami. Improvements consisted of the installation of a new mast arm structure that included a high intensity activated cross walk signal at the mid-block pedestrian crossing on NW 36th Street between NW 20th Ave. and NW 19th Ave. Pavement design was also performed. Duration: 2018-ongoing

FDOT DISTRICT 6, SR 933/NW 12 AVENUE AT NW 19 STREET (INTERSECTION IMPROVEMENT PROJECT), FM 442538-1-52-01, MIAMI-DADE COUNTY, FL PROJECT REFERENCE: MARIA PERDOMO, (305) 640-7186, maria.perdomo@dot.state.fl.us: Engineer of Record for safety and operational intersection improvements. Tasks included designing a new signal with vehicle video detection cameras, milling and resurfacing to implement pavement-marking changes, drainage and lateral ditch improvements to provide standard traversable slope, preparing TTCP, and replacement of pedestrian ramps. Pavement design was also performed. Additionally, coordinated with Miami-Dade Transit and Metrorail to integrate future signal improvements. Duration: 2018-ongoing

FDOT DISTRICT 6, SR 944/NW 54 STREET AT NW 14 AVENUE, (INTERSECTION IMPROVEMENT PROJECT) FM 442539-1-52-01, MIAMI-DADE COUNTY, FL, PROJECT REFERENCE: MARIA PERDOMO, (305) 640-7186, maria.perdomo@dot.state.fl.us: Engineer of Record and project manager responsible for designing roadway safety improvements. This resulted from a Safety Study Report dated December 2016, completed for this roadway segment and involved improvements to SR 944/NW 54 Street at NW 14 Avenue in the City of Miami. Safety improvements consisted of the installation of a new mast arm structure that included a crossing flashing beacon at the mid-block pedestrian crossing on NW 54 Street at NW 14 Avenue. Also completed pavement design. Duration: 2018-ongoing



Tom Mullin, PE (RADISE International)
Geotechnical Lead

Education

- › M.S., Civil/Geotechnical Engineering, University of Illinois
- › B.S., Civil Engineering, University of Illinois
- ›

Registrations

- › Professional Engineer: Florida #43366
- › TIN: M450826511300

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.

Mr. Mullin's project experience includes:

Materials Testing Continuing Services Contract, FDOT District Four, 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 Four, 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 Four, 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 Four, 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 Four, 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 Six, 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 Three, 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 Two, 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



John Fielding, PE, PTOE
Signing/Pavement Marking Lead



Education

- › B.S., Civil Engineering,
Florida State University, 2010

Registrations

- › Professional Engineer:
Florida 79082, 2015; Georgia
PE039487, 2014

Certifications

- › Professional Traffic Operations
Engineer 4014, 2016
- › Level II Design Professional,
No. 0000070432, Georgia
Soil and Water Conservation
Commission

Professional affiliations

- › American Society of Civil
Engineers

John Fielding has 7 years of experience in transportation engineering design on projects ranging from local to federal. He has performed traffic operational analyses for projects of both local and regional impact. Mr. Fielding is experienced in transportation, traffic, drainage, utility accommodation and adjustments, site development, water quality management, erosion control, and land planning in both Florida and Georgia. His project experience includes water distribution and wastewater collection system design, minor bridge design, retaining wall design, highway layout and design, scour analysis, drainage system design, traffic studies, and construction cost estimating and associated permitting through the various state agencies.

Mr. Fielding's Atkins project experience includes:

CR 30A Bridge Replacements, Walton County, FL. Engineer-of-record. Responsible for the design of roadway facilities and maintenance of traffic associated with existing culvert crossings of coastal dune lakes at Alligator Lake and Little Redfish Lake. The project seeks environmentally sensitive means of enhancing the natural area while accomplishing the goals of road maintenance and improved hydraulics.

CR 30A at CR 395 Intersection Improvements, Walton County, FL. Traffic engineer-of-record record. Responsible for design of a new traffic signal and intersection realignment. Project includes extensive coordination with local users in a sensitive environment. Unique modal considerations at the intersection dictate innovative measures for accommodating all transportation users.

Traffic Operations General Engineering Consultant, FDOT, District Three, FL. Senior traffic engineer and transportation system management and operations coordinator for District Three under this GEC contract. Responsibilities include coordination with interlocal agencies, preliminary traffic studies, concept design layouts, site evaluations, and program budget management.

CR 30A Timpooshee Trail Reconstruction, Walton County, FL. Engineer-of-record. Responsible for the design of multi-use trail improvements to the existing Timpooshee Trail between CR 83 and CR 283. Project includes extensive reconstruction of the trail and associated bridge crossings to add trail width, scenic features, pedestrian amenities, and stormwater collection as well as construction administration.

CR 30A Corridor Plan, Walton County, FL. Senior traffic engineer. Responsible for corridor analysis focusing on congestion management and sustainable growth. Project analysis included corridor evaluation and demand model development for alternative alignment considerations. Mr. Fielding is

responsible for the analysis and preliminary design of alternative treatments which enhance the community while accomplishing the movement of multimodal transportation users. Also analyzed potential impacts of various planning-level alternative alignments in order to recommend an appropriate environmental process.

Brevard Zoo Trail Extension Design Services, Brevard County, FL. Pedestrian facilities coordinator. Project included approximately three miles of trail and boardwalk design and construction through the FDOT LAP. Path layout included extensive boardwalks through sensitive ecology. Assisted in the preparation of construction plans as well as providing coordination on LAP funding requirements.

Cape San Blas Multi-Use Path, Gulf County, FL. Project design engineer for the design and construction of a multi-use trail along SR 30E from SR 30A to the state park. Responsible for the layout of trail facilities, including the design of a steel, sheet pile wall within the project limits under an on-system LAP agreement.

Carrabelle Multi-Use Path, Franklin County, FL. Project design engineer. This project involved the design and construction of a multi-use trail and sidewalk facilities along the north side of US 98 in Franklin County. Responsible for the design of the trail facilities and technical specifications under an on-system LAP agreement.

Trotter Road Reconstruction Basis of Design Report, City of Largo, FL. Traffic and signalization specialist. Responsible for the traffic analysis, access management, traffic calming measures, potential roundabout alternative design, and signing and pavement marking.

SR 212 at SR109 Intersection Improvements, FDOT, District Two, Duval County, FL. Lead roadway engineer. Responsible for the design of all roadway and pedestrian features and plans production. This project consists of the major reconstruction of an intersection. The project includes major utility relocations on behalf of several affected UA/Os.

SR 77 Multilane Construction, Washington County, FL. Quality control engineer for roadway design, as well as performing a portion of the maintenance of traffic plans. This project consisted of the design and permitting of multilane upgrades to the existing two-lane, rural highway facility.

Front Beach Road Segment 2 Reconstruction, Bay County, FL. Lead roadway engineer in addition to assisting in utility coordination and redesign. This project consisted of the design and permitting of multilane upgrades to the existing two-lane, urban highway facility. The proposed project will add complete streets elements to the existing corridor.

CR1084 Rehabilitation, Walton County, FL. Lead roadway engineer as well as performing value engineering services during the construction phase. This project consisted of the design and construction of approximately seven miles of roadway reconstruction for a rural, two-lane highway.

SR 269 (Quincy Bypass), Gadsden County, FL. Post design engineer during construction including value engineering efforts, drainage improvements, and erosion control. This project consisted of the construction of a new two-lane bypass alignment.

Osceola Golf Course Emergency Reconstruction, Escambia County, FL. Responsible for site grading, plans production, bridge profiles, and assisted in the landscape design effort. This project consisted of the design of emergency repair plans for an improved drainage system intended to mitigate extreme rainfall events which had historically damaged a golf course.



Michelle Schofner, PE, PTOE
Signing/Pavement Marking



Education

- › B.S., Civil Engineering,
Tulane University, 1997

Registrations/licenses

- › Professional Engineer: Florida
51977, 1997

Certifications

- › Professional Traffic Operations
Engineer, Institute of
Transportation Engineers,
2011

Professional affiliations

- › American Society of Civil
Engineers
- › Institute of Transportation
Engineers, Tampa Bay
- › Women's Transportation
Seminar

Michelle Schofner has 26 years of experience in traffic engineering and traffic/safety studies for major and minor roadways in urban and rural areas. She specializes in designing signals, signing and pavement markings, and lighting. Duties include scoping, planning, procurement, design, review and approval of signing and pavement marking, lighting, and traffic signal projects. Ms. Schofner has designed traffic improvements for municipal clients, following municipal, department of transportation/local public agency, and Americans with Disabilities Act requirements. She has developed traffic studies for government and private clients. Ms. Schofner has also designed adaptive signal systems and evaluated advanced signal systems for use on arterial corridors. Her responsibilities have included project management, coordination, and quality control/assurance. Prior to joining Atkins, Ms. Schofner worked with the Florida Department of Transportation (FDOT) District Seven for five years as a professional engineer trainee, specializing in traffic design.

Ms. Schofner's specific skills and experiences include:

Tampa International Airport South Development Area Roadway Improvements Design-Build, Hillsborough County Aviation Authority, Hillsborough County, FL. Providing traffic signal and ITS design for design-build project involving the widening and relocation of the existing north-south spine service road, relocation of the Bessie Coleman service road, and associated improvements to the roadway network in the general South Terminal Support Area.

General Engineering Consultant Contract, FDOT, District Seven, Tampa, FL. Supported this contract on various assignments as a task leader. Most recently, led the development of the RFP package for the City of Tampa Traffic Signal Management, Phase I Advanced Traffic Management System project. Duties included working closely with FDOT and City of Tampa staff to define the needs of the project, developing the RFP package materials, assisting with reviews of technical proposal information through the procurement process and assisting with cost estimates and scoping of tasks for the project with the selected firm. Continues to support this contract assisting with plans reviews and other owner's representative tasks.

Maintenance Management and Traffic Operations Engineering Management Consultant Services, Florida's Turnpike Enterprise, Ocoee, FL. Served as a dedicated staff member to FTE through this contract. Started her time at the

Turnpike by serving as Lead Signalization Reviewer on the Turnpike roadway system, as well as reviewing the signing, striping, and maintenance of traffic plans for all future Turnpike construction projects. In addition, reviewed traffic engineering studies, crash analysis, evaluates all fatal crashes, and analyzes and responds to customer complaints relating to traffic engineering issues on Florida's Turnpike roadways.

TSMO Signal Timing Contract, FDOT, District Five, FL. Project manager responsible for overseeing the signal timing efforts, signal reports, baseline development, standard operating guidelines, data collection, and operation oversight. This project will include extensive traffic signal re-timing along major arterial corridors within FDOT District Five through Osceola, Seminole, Orange, and Volusia Counties. The corridors will predominantly be adjacent to the I-4 re-construction corridor, expanding outwards for districtwide coverage. The project intent is to provide dynamic traffic monitoring and correction capabilities for all major arterial corridors: improving travel speed, time, and delay, maximizing signalization coordination, identifying alternative traffic routes for incident management and more.

I-75 at SR-70 Interchange Widening and Improvements Design, FDOT, District One, FL. Project engineer. Assisted in signal design, ITS plan development, and on-site field reviews. Project involved interstate widening and interchange improvements for the I-75 and SR-70 interchange. Design services consisted of relocating ITS devices affected by the subsequent roadway widening project and proposing new device locations to ensure detection zone requirements are fulfilled throughout the project limits. Furthermore, design services for the signalization of interchange on and off ramps along SR-70 were provided to account for the new lane alignment and additional pedestrian crossing of SR-70.

Prior to joining Atkins, Ms. Schofner's project experience included:

North Ridge Trail (Phase III) and Access Road, Polk County, FL. Traffic engineer responsible for the lighting design of the proposed extension of North Ridge Trail. North Ridge Trail will extend the existing roadway to the south and connect with the proposed extension of Access Road. The proposed extension of Access Road will extend the existing roadway to the west and connect with the proposed extension of North Ridge Trail, providing access for a 1.2-million-square-foot warehouse/distribution facility for Walmart, and alternate access to US 27. Both roadway extensions will be a dedicated public roadway owned/maintained by Polk County. The North Ridge Trail typical section features two 12-foot travel lanes with curb and gutter, a 12-foot multiuse path on the west side and a 6-foot sidewalk on the east side. The Access Road typical section features two 12-foot travel lanes with curb and gutter, and 6-foot sidewalk on the north side. The project also included the design and permitting of two independent closed stormwater collection systems discharging into three interconnected stormwater management facilities, as well as a FEMA Letter of Map Revision for two existing floodplains.



Chris Thompson, PE
Drainage Design/Permitting Lead



Education

- › B.S., Civil Engineering,
University of Central Florida,
2000

Registrations/licenses

- › Professional Engineer: Florida
62505, 2005

Certifications

- › Stormwater Management
Inspector 3250, Florida Dept.
of Environmental Protection,
2002
- › Level 2 Stormwater Operator

Christopher Thompson has 17 years of diverse experience in transportation and water resource engineering. He routinely serves as the engineer-of-record and project manager for stormwater projects. His project experience primarily includes the design of stormwater management facilities and conveyance systems, bridge hydraulics, flood control studies and design, environmental permitting, development of 1- and 2-D stormwater models, production of construction plans for minor and major projects, pollutant load modeling, and National Pollutant Discharge Elimination System MS4 program services.

Mr. Thompson's relevant project experience includes:

Santos Trail, Marion County, FL. Drainage engineer. Responsible for the drainage design and permitting of a four-mile long multi-use trail proposed by Florida Department of Environmental Protection. The trail was located along a rural county road with heavy tree cover, as well as within the Cross Florida Greenway corridor. Challenges included design of the trail along a roadway corridor with limited right-of-way and preservation trees, as well as modification of existing ponds and stormsewer to accommodate the trail design.

US 19 (SR 55) Drainage Improvements, Taylor County, FL. Drainage engineer. Conducted a drainage study of US 19 (SR 55) due to chronic flooding of the travel lanes. The roadway discharges to an FDOT outfall ditch and has a contributing area of 1.5 square miles. A detailed ICPR v4 model was developed using a combination of a hydrologic and hydraulic model and GIS. Using this model several alternatives were analyzed, with the final solution being an additional trunk line. In addition to the study, Mr. Thompson developed rehabilitation plans for the 10,000-foot long outfall ditch and provided permitting services.

A1A Drainage Study, FDOT, District Two, Duval County, FL. Drainage engineer. Conducted a drainage study of SR A1A and the 8th Street Outfall system in Jacksonville Beach due to chronic flooding issues exacerbated by several tropical storms. The purpose of the study was to determine the cause of the flooding and to provide stormwater model analysis of several alternatives to help alleviate the flooding. Stormwater modeling was conducted using a combination of an hydraulics and hydrology model and GIS geodatabase. As a digital elevation model of the land surface was available, this approach allowed for both a visual representation of the hydraulic network and flood extent mapping of the storm event peak stages.

Environmental Resource Permit Modification to SR 500/US 441 Pond 700, FDOT, District Five Districtwide Drainage Contract, Osceola County, FL. Drainage engineer. As part of Atkins' districtwide drainage contract, Mr. Thompson was responsible for the design and permitting of a solution to prevent the frequent staging of water on the northbound travel lanes of US 441 just south of Osceola Parkway. Through research of old plans and aeriels, it was found that the ponding was due to a wetland having its historical outfall removed. Mr. Thompson met with South Florida Water Management District and provided a design that restored the natural hydro-period of the wetland as well as reduced the flooding.

Messer Area Drainage Study, Duval County, FL. Chief engineer for a drainage study in Jacksonville, which was conducted as a result of flooding complaints. The study included determining the effects and feasibility of providing drainage improvements to reduce flooding within a residential neighborhood that is adjacent to the Trout River. Stormwater modeling was conducted in Environmental Protection Agency SWMM, using a combination of Jacksonville's Master Stormwater Management Plan, survey and Atkins' GIS resources.

Collier County Golden Gate Watershed Improvement Plan, Collier County, FL. Assisted with conceptual design of the plan, which has the goal of pumping fresh water flows out of the Golden Gate Canal and routing them south into Rookery Bay. This will reduce fresh water flows into Naples Bay and increase flows to Rookery Bay, with the result of restoring the aquatic ecosystem balance to a state that is closer to historical conditions. Mr. Thompson provided assistance in stormwater pump station design and layout, flow-way design, as well as modeling and cost estimation.

Spring Lake Watershed Hydrologic and Hydraulic Analysis, Seminole County, FL. As part of the counties National Pollutant Discharge Elimination System MS4 permitting requirements, Atkins conducted a hydrology and hydraulics analysis of the Spring Lake Watershed, including development of recommendations to improve water quality within the watershed. These recommendations were provided to assist in prioritizing the counties Capital Improvement Program spending within the basin. As part of this project, Mr. Thompson provided several conceptual design alternative plans and cost estimates; including, Nutrient Separating Baffle Boxes (with Bold & Gold), Bio-retention Areas, and a Nutrient Removal Filtration System.

Phillippi Creek Watershed Management Plan, Sarasota County, FL. Assisted with hydrologic feature inventory updates of the ICPR model, which was entered into the County's geodatabase Geographic Watershed Information System (GWIS) schema. Atkins performed maintenance and updates to the Phillippi Creek ICPR models and associated GIS databases. The efforts included updating the digital terrain model, the hydrologic and hydraulic feature inventory to reflect plan/permit data and County inventory, reconnaissance, updating the model schematic and GWIS ICPR model data schema, and updates to the regulatory floodplain delineation.



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.



Pedro Trevin, PE, LEED AP, LC
Electrical and Lighting Lead



Education

- › B.S., Electrical Engineering, University of Miami, 1970

Registrations

- › Professional Engineer: Florida 15309, 1976

Certifications

- › National Council of Examiners for Engineering and Surveying (NCEES), 19536
- › Leadership in Energy and Environmental Design Accredited Professional (LEED AP), U.S. Green Building Council, 10476554, 2009
- › National Council on Qualifications for the Lighting Profession—Lighting Certified, 2007

Professional affiliations

- › National Fire Protection Association
- › Illuminating Engineering Society of North America
- › National Council on Qualifications for the Lighting Professions
- › United States Green Building Council
- › Illuminating Engineering Society National Fire Protection Association

Pedro Trevin has 48 years of experience providing electrical engineering services for office buildings, schools, hospitals, dormitories, parking garages, theaters, and detention facilities. He has also performed electrical engineering for airports, marinas, wastewater treatment plants and pump stations, solid waste facilities, apartment buildings, military facilities, parks and recreational facilities, port terminals, food markets, department/retail stores, shopping centers, rapid transit facilities, toll facilities, movable bridges, building recertifications, value engineering, due diligence reports (field inspection of existing buildings), parking lot lighting, and roadway lighting. He has frequently served as electrical project manager on assignments from state and local agencies and is knowledgeable about the diverse regulations governing design on such projects.

Mr. Trevin’s project experience includes:

ESA Renewables, LLC, Lake Mary, FL. Provided electrical engineering services for over 15 photo voltaic systems, ranging from 100 KW to 1 MW of power, including feeders to the inverters and the main circuit breakers. The DC wiring from the inverters to the Combiner Boxes and from the Combiner Boxes to the solar panels was excluded from the electrical engineering services. One of the installations, Martins Creek Elementary School, in Murphy, North Carolina, was the winner of the First Annual Intersolar Award for Solar Projects in North America

Hillsboro Canal Bank Stabilization - Sections 1 through 6, Palm Beach and Broward Co., FL. Lead electrical engineer/electrical engineer-of-record responsible for electrical design for pump system. Atkins provided engineering services for canal bank stabilization and erosion control for 10 miles of the Hillsboro Canal. Atkins engineering services included topographic surveys, soil borings and testing, bank slope stability analysis, and environmental assessments as part of the construction permitting process. The design development report (DDR) included analysis of extensive historical data related to the canal operation, rainfall events, water level records, and tropical storm or hurricane events. The DDR provided the documentation supporting the engineering analysis for various design alternatives, construction cost estimates, and recommendations for the appropriate erosion control and bank slope stability based on local soil conditions, right-of-way constraints, and District operational and maintenance standards.

Purple Line Public-Private Partnership, Maryland Transit Administration, MD. Electrical engineer during the RFP phase. Performed preliminary lighting calculations for the entire alignment and prepared a summary of the light pole spacing. The Purple Line is a new 16.2-mile east-west light rail transit line that runs between Bethesda and New Carrollton with a total of 21 stations/

platforms (16 at-grade, 3 aerials, and 2 below-grade). In addition to the 21 stations, there are two operations and maintenance facilities.

Net Zero Energy Improvements, United States Military Academy at West Point, NY. Lead senior electrical engineer. Provided electrical engineering services at Michie Stadium, including evaluation and design of a lake ground source heat pump system to service air-conditioned facilities. Work on the Land Maintenance Facility included evaluation and design of a wood chip fuel heating system through 100 to 500 tons of waste wood generated per year. Hollender Hall included evaluation and design of a heating water system that operates at a high-efficiency during summer months when there is no heating demand. Reused existing electrical panels to reduce costs since capacity of electrical panels was adequate for A/C replacement. Used MII, Revit, Dr. Checks, and SpecsIntact.

United States Army Corps of Engineers Transatlantic Program Center, SOF Compound Maza-E-Sharif, Afghanistan. Lead electrical engineer. Reviewed the electrical, fire alarm, and communication plans and specifications; provided additional short circuit calculations and generator calculations; and coordinated the electrical design with other disciplines. Coordinated the electrical on each building to help avoid duplicating/conflicting information. Cost: \$30M. 2014

Wastewater Treatment Plant Replacement Design Services, U.S. Army Corps of Engineers New York, West Point, NY. Lead electrical engineer. Designed the electrical support system for the new wastewater treatment plant to replace the existing facility.

Northlake Boulevard Improvements Design Services, City of Altamonte Springs, FL. Electrical project manager. This final design project consisted of widening, milling, resurfacing, and partially reconstructing one mile of roadway with side streets, driveways, a cul-de-sac, and an intersection at SR 436. The existing three-lane roadway was modified to two lanes divided by curb and gutter, closed drainage, and an eight-foot wide sidewalk. This project included design, right-of-way survey, utility coordination, signalization, landscape, irrigation, hardscape, and lighting.

Central Parkway Street Light Replacement, City of Altamonte Springs, FL. Lighting engineer responsible for the removal and replacement of nearly 80 existing street light poles along Central Parkway from Montgomery Road to Palm Springs Road. This project also included the analysis of existing street light foundations and upgrading pedestrian signal features to ADA compliance.

Pine Trails Park Design, City of Parkland, FL. Electrical project manager. Atkins provided planning and design services to the City of Parkland for a 30-acre expansion on undeveloped park property to add active recreation amenities within the existing Pine Trails Park. Atkins created multiple concepts for the City's review which lead to the development of the park's final master plan. The final master plan included one 350-foot baseball field, three 225-foot softball fields, a two-story concession building, restroom building, a constructed wetland/stormwater area with traversing boardwalk, a playground, multiple pedestrian pathways, and surface parking for more than 300 vehicles. The expansion project was adjacent to an existing outdoor amphitheater and the Parkland YMCA Family Center. Atkins added recreational areas helped expand the programming and the recreational needs of a growing community.

Mishcon Park Improvements, City of North Miami Beach, FL. Electrical project manager. Atkins provided landscape architecture, civil engineering services, and bidding assistance services for multiple phases of improvements at Mishcon Park. Our team prepared a revised site plan and construction documents based on survey information and the City of North Miami Beach's current master plan. Phase I improvements included decorative perimeter security fencing, gates, and portable bleachers. Phase II consisted of the design and construction of a Miami-Dade County Community Development Block grant-funded multipurpose athletic field, an irrigation system, and parking improvements.

GARTEK ENGINEERING CORP.

Mechanical • Electrical • Plumbing • Fire Protection Services

Mel F. Garcia, P.E., LEED AP

Vice President / Principal, Electrical Engineer

Mr. Garcia has 40 years of experience in electrical design, including power and lighting. His experience also encompasses design of electronic systems including telephone, central clock, P.A., security and fire alarm systems. Mr. Garcia serves as the firm overall coordinator and expeditor for electrical projects.

Mr. Garcia has also been involved in code compliance issues and peer review to ensure quality control. Mr. Garcia participates in electrical construction administration and inspection services on a regular basis and is the Electrical Engineer of Record and leads a team that has the capability to offer building information modeling (BIM) project support.

RELEVANT EXPERIENCE INCLUDES:

- Metro-Mover Brickell Extension Project: Construction Engineering and Inspection services
- Metro-Rail South Miami Station Parking Garage Protection, Security, CCTV System, Emergency Communication System, Emergency Power, Drainage
- Metro-Rail Transfer Station: South Florida Rail Corridor Segment
- Vehicle Shelter for Palm Beach County Vehicles
- School Board of Broward County, Plans Review Services
- City of Fort Lauderdale Continuing Services Contract
- Palm Beach County Annual Capital Improvements
- City of Miami Department of Public Works, Continuing Services Contracts
- Florida Atlantic University, Infrastructure Project: Roadway widening and extension
- Tri-Rail Stations at Pompano Beach and Ft. Lauderdale Airport
- Boynton Intercostals' Park: New pedestrian walkway lights, Boynton Beach, FL
- City of Surfside, Veteran's Park: New pedestrian walkway lights, Surfside, FL
- Norman and Jean Reach Park: Electrical safety inspections, Miami, FL
- Florida International University Arena, Miami, FL
- South County Regional Park, Boca Raton, FL
- Palm Beach International Airport, Security Enhancement Project, Palm Beach FL
- Four Points Office Building Emergency Operations Center, Palm Beach, FL
- Palm Beach Sheriff's Office Training Facility & Gym, Palm Beach, FL
- Judicial Center Parking Garage, Expansions and improvements, Palm Beach County, FL
- Emergency Operations Center OPS & Warning Point Room UPS, Palm Beach, FL



EDUCATION:

BS, Electrical Engineering—
University of Miami, Coral
Gables, Florida

YEARS OF EXPERIENCE:

43

YEARS WITH FIRM:

39

CERTIFICATIONS:

Professional Engineer, State
of Florida PE # 24221
State of Georgia PE # 123118
State of Louisiana PE # 0040474
US Virgin Islands PE # 024231B

LEED Accredited
Professional

UBCI Inspector - 10.31.00

American College of
Forensic Examiners -
#14892

ICC
Electrical Plans
Examiner #050S ICC
Commercial Electrical
Inspector
#5167634-E2

Standard Plans Examiner State of
Florida
#PX2357
Standard Inspector State of Florida
#BN4735

BIM PROJECTS INCLUDE

- Emergency Operation Center Weston (E.O.C.)
- Terminal 3 Fort Lauderdale International Airport (FLL T3)
- Terminal 4 Fort Lauderdale International Airport (FLL T3)
- Terminal 1 Fort Lauderdale International Airport United Air Line Club (FLL T1 UAL)
- Miami International Airport CBIS-CBRA-BHS Program
- Jackson Memorial Urgent Care Center
- American Airlines Hub Control Center
- American Airlines Departure Lounge Refresh
- Palm Beach International Airport (PBI)

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Tel 305-266-8997/Fax 305-264-9496/www.gartek-engineering.com

2





Harry Belton, RLA
Landscape Architecture Lead



Education

- › B.L.A., Landscape Architecture, Louisiana State University, 1981

Registrations

- › Registered Landscape Architect: Florida LA0000900, 1983

Professional affiliations

- › Florida Urban Forestry Council
- › American Society of Landscape Architects, Broward Section Chair

Harry Belton has 36 years of landscape architecture experience in the south Florida area. During this time, he has been responsible for providing a wide range of landscape architecture services on a variety of projects. This experience includes commercial development of retail space, offices, and hotels; urban renewal projects; government facilities design; transit projects; streetscape designs; and highway landscape as well as the layout and design of parks and recreational facilities, coastal and waterside parks, landfill conversions, and greenway and trail systems.

Mr. Belton's Atkins project experience includes:

Fort-Lauderdale-Hollywood International Airport Expansion of Runway 9R-27L, Fort Lauderdale, FL. Served as lead designer for the reestablishment of airport landscape after the construction of a new runway spanning across US Highway 1. This included southern buffer areas as well as complete landscape design of vehicular entry and egress of the airport facility. It also acted as mitigation plan for a large tree removal activity necessary for the construction of the new runway. The project involved coordination between Broward County Aviation, Broward County Environmental Protection, and the Florida Department of Transportation. Emphasis was placed on providing a tourist destination, resort quality landscape that met tree removal permit mitigation requirements, airport maintenance abilities, and necessary aviation restrictions for security and wildlife attraction avoidance.

A1A Greenway Oakland Park Boulevard to Flamingo Road, FDOT and the Broward County Metropolitan Planning Organization, Fort Lauderdale, FL. Served as lead urban designer for this joint project between the Florida Department of Transportation and the Broward County Metropolitan Planning Organization to provide enhanced pedestrian and bicycle facilities as well as expanded urban tree canopy along this iconic roadway. The current six-lane standard facility is being narrowed to two lanes in each direction that have been further reduced to minimal lane width. This will free up 32 feet of right-of-way for expanded sidewalks, bikeways, and extensive street tree plantings. The result will be a more pedestrian friendly and environmentally sustainable public space that will be attractive to users and customers of the adjacent businesses. The principal expression of the design will be to maintain the prevailing character and appearance of Fort Lauderdale Beach and extend it north to the city limit. It will incorporate wave walls, pilasters, specialty paving, and decorative street lighting of similar themes represented at the south end of the beach to provide continuity within this city corridor. It will also incorporate a shady, relaxed, tropical theme in keeping with the neighborhood and the city's character.

Lauderdale-by-the-Sea AIA Enhancement Project, Town of Lauderdale-by-the-Sea, FL. Senior landscape architect for this Local Agency Program (LAP) project. It was a scenic highway landscape and multimodal beautification project. Work included coordination efforts between the Town of Lauderdale-by-the-Sea, FDOT, and Broward County Transit. Main elements were the addition of transit stop improvements and gateway elements that comprised specialty paving, street furnishings, and architectural accents. These enhancements were designed to provide a refined cohesive style to the corridor while promoting the character and image of the town. Street tree plantings completed the overall theme of a relaxed, charming, and tropical seaside community. Scope also included the production and presentation of graphic exhibits for public meetings, design development meetings with Town staff, site analysis, conceptual design of hardscape and landscape elements and details, complete construction document and specification production, and provision of FDOT submittal and LAP procedures.

Coconut Creek Education Corridor, City of Coconut Creek, FL. Served as lead landscape architect, responsible for providing conceptual design direction, theming, and landscape and hardscape design and construction documents for this project to transform a major roadway arterial into a multimodal transit corridor that serves several educational institutions.

South Pointe Park Pier, City of Miami Beach, FL. As lead landscape architect, was involved with development of the pier conceptual form and design as well as its aesthetics and served as lead designer for the park's beach access components and associated design. As part of the pier design team, provided direction for the design character as well as how to facilitate recreational uses of fishing along with general casual use. The design character of the pier was a reflection of the city's Mid-Century Modern iconic qualities and a continuation of the park's design and materials. A beach access plaza associated with the pier was also a continuation of this character with the addition of extensive coordination with state and local environmental agencies. Elements included landscaping, hardscape, and site furnishings

as well as contract administration and landscape architecture services.

Judge Arthur I. Snyder Tennis Center, North Miami Beach, FL. Served as senior landscape architect for this project. Atkins' responsibilities were full master park planning services, architectural design for a new tennis clubhouse, landscape architecture, civil engineering, and ecological science services for the site development of this extensive tennis complex and city park. Cost estimating was also provided at the master plan level to support the City's effort with regard to budgetary and funding issues.

Design-Build of the U.S. Southern Command (SouthCom) Headquarters, Doral, FL. Served as lead landscape architect responsible for producing the site development plans that included landscape architectural elements and designs. The design was developed to respect and enhance all security needs and antiterrorism-force protection zones. The landscape also worked to provide users with a suitable working environment that respected sustainable design principles. Specific design responsibilities included earthwork, fencing, landscaping, and irrigation design efforts and elements.

Air Force Technical Applications Center, Patrick Air Force Base, Satellite Beach, FL. Provided landscape architectural services for construction of a 27-acre technical center complex for the Department of Defense. Design efforts had to take into account all military base security requirements and special needs for the tolerance of prop wash impacts. Also of concern were the environmental conditions of the project area, located next to the ocean on a barrier island. Design elements included hardscape layout, landscape planting, irrigation, and site furnishing design.



Mark Henry
Environmental Lead



Education

- › B.A., Geology, Florida International University, 1995
- › B.S., Biology, Florida International University, 1991

Certifications

- › Professional Association of Diving Instructors (PADI) Open Water Diver Certification, 2001
- › National Association of Underwater Instructors (NAUI) Enriched Air Nitrox Diver Certification, 2002
- ›

Mark Henry has 24 years of experience in environmental fieldwork, permitting, and project management. This experience involves hazardous waste and ecological sciences work performed for federal, state, and county agencies as well as private sector clients. His projects have included contamination assessment and remediation, environmental assessments, and groundwater and soil remediation systems. He has also performed permanent and temporary monitoring well installations, underground storage tank (UST) removals, soil borings, and contaminated soil/sludge excavations and removal. Mr. Henry has written and submitted tank closure assessment reports (TCAR), contamination assessment plans (CAP), contamination assessment reports (CAR), and remedial action plans (RAP) to the Miami-Dade County Department of Environmental Resource Management (DERM) and Florida Department of Environmental Protection (FDEP). He has investigated soil and groundwater contamination at numerous facilities throughout south Florida. His responsibilities included work plan preparation, selection of and contracting with subcontractors, supervision and performance of field activities, regulatory notifications, site documentation, quality control, data validation, reduction and evaluation, and final report preparation.

Mr. Henry's Atkins project experience includes:

Munisport Landfill Closure and Development Services, Swerdlow Boca Developers LLC, North Miami, FL. Served as ecologist. Atkins provided ecological services as part of a 300-acre development project in northeast Miami-Dade County on a former landfill. Ongoing work associated with this project includes conducting wetland delineations, jurisdictional determinations, mitigation alternatives for roadway improvements, and mitigation design and implementation while adding a recreational aspect through a boardwalk through the 120-acre restored mangrove habitat in order to connect the community with a charter school that is being constructed simultaneously to assist with educating the public about the coastal mangrove.

Hillsboro Canal Bank Stabilization, South Florida Water Management District (SFWMD), Broward/Palm Beach Counties, FL. As senior scientist, he performed an environmental field assessment for the project involving stabilizing and erosion control of the Hillsboro Canal's banks to maintain design capacity conveyance of stormwater from Structure S-39 to Structure G-56, a total of 10.6 miles. The banks of the Hillsboro Canal over time have eroded with slope failure of loose material due to the effects of wave action and undercutting. This project required extensive amounts of data to be analyzed for rainfall events, water level records, and hurricane wind records. All potential alternative treatments for bank stabilization were considered for this project using a matrix

ranking system to determine the most desirable design. This study was well documented and explained in a design report. The study and design included dredging, repair, restoration, and stabilization of the Hillsboro Canal and its banks.

Permitting Natural Gas Pipeline Installation, Florida Gas Transmission (FGT), Miami, FL. As senior scientist, he assisted with permitting, and coordinated with the Propane Education and Research Act of 1996 (PERA), FDEP, and U.S. Army Corps of Engineers (USACE). FGT expanded its natural gas pipeline system in Florida. The 24-inch, 6-mile segment in Miami-Dade County crossed sensitive environmental habitats, including freshwater herbaceous wetlands and coastal mangrove systems. In addition to open trench installation, construction included three horizontal directional drilling segments—one with a horizontal distance of 5,500 feet.

Capital Program Support Services (CPSS) Environmental Support, City of Miami, FL. As Atkins' environmental project manager to the City of Miami, his responsibilities included providing technical and project management assistance on the closing and redevelopment of a 20-acre former municipal landfill and dredging 2.5 miles of waterway (Wagner Creek and Seybold Canal). He reviewed all documents prepared by subconsultants to be submitted on behalf of the City, attended/chaired meetings with the City and subconsultants, attended meetings with other stakeholders and the public, and reviewed and approved subcontractor invoices.

Waste Management Building Demolition, City of Miami, FL. Senior scientist for conducting an assessment at a waste management building site in Miami, prior to demolition. The visit identified possible environmental concerns during demolition and disposal of the resultant debris. The visual reconnaissance of the interior and perimeter of the building focused on determining if hazardous materials or conditions were present, or if any debris generated during the demolition process would require additional permitting or special handling. Results of the field visit were submitted to the City in a memorandum.

Virginia Key North Point Park Bike Trail, City of Miami, FL. Senior scientist. Atkins provided environmental oversight (before, during, and after construction) for the development of bike trails at North Point Park on Virginia Key. He reviewed the flagged vegetation to be avoided during path-clearing activities, and reviewed (at significant milestones) the progress of the project, as well as adhered to the goals and objectives to avoid all native vegetation and wetland features. After construction, he assisted with review of final sketches, attended meetings at the site, and reviewed the final report prepared by the construction contractor.

Blaylock Oil and Gas Station Facility/Walgreens Contamination Assessment and Cleanup, Marathon/Monroe County, FL. As a staff geologist, he was involved in the contamination assessment and cleanup attempt of the former Blaylock Oil and adjacent gas station facility in Marathon Shores—currently a Walgreens retail store (#3574). He sampled on- and off-site monitoring wells, supervised pump tests, and coordinated source removal activities. Due to the nature of the subsurface geology and hard and impervious cap rock, total site cleanup could not be readily achieved. As such, he coordinated with design engineers to adjust the site plan building layout, traffic flow, and landscaping to assist in obtaining final construction approval from Monroe County and FDEP.

Wetland Impact Permitting for the U.S. Southern Command (SouthCom) Headquarters Design-Build, Hellmuth + Obata + Kassabaum, Inc. (HOK), Doral, FL. As task manager, he successfully managed the assessment, field reviews, scoring and mitigation negotiations, and permitting with USACE, SFWMD, and Miami-Dade County PERA for impacts to 55.42 acres of jurisdictional wetlands in Miami-Dade County for the development of this DOD facility. He coordinated with the construction management firm to gain early access to the site for clearing and geotechnical work to begin ahead of permit issuance from the permitting agencies.



LaTosha Sigler, PE
Civil Engineering and Utility Design Lead



Education

- › B.S., Civil Engineering, University of South Carolina, 1993

Registrations

- › Professional Engineer: Florida 78738, 2015; Kentucky 26657, 2009; South Carolina 27031, 2008; Virginia 0402052786, 2013

LaTosha Sigler has 24 years of technical and project management experience in civil engineering and land development throughout the United States and abroad. She has extensive experience in leading design teams through the preparation and permitting of engineering plans for residential, recreational, commercial, industrial and municipal projects. Ms. Sigler has experience in many aspects of civil engineering, from site selection through project closeout.

Ms. Sigler's Atkins project experience includes:

Broward County Park and Recreation, Broward County, FL. Project manager. Responsible for overseeing the design, development, and permitting for the expansion and improvement of the utilities and electrical site lighting of a park facility located on a levee system governed by the US Army Corp of Engineers. The utility improvements include the design of a small lift station, fire pump system receiving discharge from a well. The project does not allow for utilities to be entrenched into the levee. As an alternative to entrenchment, a concrete chase was designed.

Turnberry Lake Regional Stormwater Management Facility Analysis, City of Richmond, VA. Lead stormwater manager. Performed a stormwater analysis of an existing regional stormwater management facility in order to determine the existing conditions and build out conditions. Determined the capacity of the system to adopt to the new VA stormwater regulations in regards to water quality and quantity controls.

North Gate ACP Corrections, U. S. Army Corp of Engineers, Fort of A.P. Hill, VA. Lead civil engineer responsible for providing stormwater management design and site development improvements for the installation of a small building to include a parking lot and driveway. Stormwater management for the site is proposed through the use of a bio-retention facility that will address the water quality and quantity requirements. Prepared the SWPPP, Stormwater Management Plan and Erosion and Sediment Control Plan for the site.

North Bulkhead Reconfiguration: Phases 1-4, Port of Miami, Miami, FL. Lead civil engineer. Responsible for providing stormwater management design and site development improvements for the expansion of several berths. Through a network of exfiltration systems, water quality is enhanced prior to discharging into the Miami Canal. Project included submitting permit applications to local water management districts.

Prior to joining Atkins, Ms. Sigler's experience included:

Winson Water Treatment Plant Improvements, North Miami Beach, FL. Lead civil engineer for the expansion of the existing water treatment plant to include two newly constructed water tanks. Prepared construction documents, technical specifications, and cost estimates.

City of Sidney Waste Water Treatment Plant Improvements, City of Sidney, OH. Project engineer. Responsible for providing site design for a wastewater treatment plant that included developing the plans for demolition of existing facilities to be replaced with infrastructure improvements. Prepared the National Pollutant Discharge Elimination Systems (NPDES) Notice of Intent and Stormwater Pollution Prevention Plan, technical specifications and cost estimates, and provided construction administration review of shop drawings and request for information submittals.

Ni River Water Treatment Plant Improvements, County of Spotsylvania, Spotsylvania, VA. Lead civil engineer. Developed the plans for demolition of existing facilities to be replaced with infrastructure improvements. Work included site grading, drainage, and stormwater management facility designs and erosion and sediment control design. Efforts included site permitting, preparing NPDES Notice of Intent and Stormwater Pollution Prevention Plan, specifications and cost estimates.

Roanoke Regional Water Pollution Control Plant, City of Roanoke, VA. Lead civil engineer. Designed the site improvements for the installation of a new chlorine contact tank for an existing water treatment facility, prepared the Stormwater Management and Stormwater Pollution Prevention plans, and initiated site permitting efforts.

Guilford Finished Water Reservoir Improvements, City of Baltimore, MD. Quality control reviewer. Responsible for reviewing the civil/site improvements and reviewing construction documents to ensure compliance to the City of Baltimore's Design Checklist for Civil/Site submittals and Maryland Department of Environment NPDES Permitting.

Dry Creek Wastewater Treatment Plant, Sanitation District #1, Erlanger, KY. Lead civil engineer. Provided site design of the proposed new headworks and odor control buildings, prepared the Erosion and Sediment Control plan, prepared the permit application package for review by Sanitation District No. 1, updated the Stormwater Pollution Prevention Plan, and was also responsible for selecting and designing the soil erosion and sediment control devices to be located on site.

Phase 1 Improvements, Lesourdsville Regional Water Reclamation Facility Phase, Butler County, OH. Lead civil engineer. Responsible for designing water quality best management practices (BMP) on site and provided site grading and stormwater runoff conveyance system design. Creation of erosion and sediment control facilities design to be incorporated with the stormwater prevention pollution of the facility.



Monica Pausa
Civil Engineering and Utility Design



Education

- › B.S., Topography/Geodist, Autonomous University of Mexico, 1991

Monica Pausa has 24 years of experience in the preparation and development of design documents. She has extensive experience in civil and roadway projects for public and private entities, as well as stormwater and wastewater collection systems. Ms. Pausa has worked on the development and production of demolition plans, geometry plans, grading and drainage plans, and utilities plans in AutoCAD platform. She keeps up-to-date with CAD standards and managing libraries. She also has practical experience providing land surveying services and modifying design documents to meet field conditions based on updated survey information.

Ms. Pausa's additional experience includes coordinating with municipalities, regulatory agencies, and other consultants including architects, engineers, contractors, and subcontractors. She has assisted in the preparation of governmental agencies' permitting applications such as Miami-Dade County Department of Permitting, Environment and Regulatory Affairs, formerly known as Department of Environmental Resources Management; Miami-Dade Water and Sewer Department; Florida Department of Transportation; and Florida Department of Environmental Protection. She has also compiled data for site utilities narratives.

Ms. Pausa's project experience includes:

Capital Program Support Services for the Capital Improvement Program, City of Miami, FL. Onsite senior CAD technician. Provides scope and guidance to projects requiring CAD support and provides technical guidance to the City's in-house CAD staff. She also has a comprehensive understanding of municipal civil projects such as roadway, drainage, and sewer improvements. She effectively interacts and coordinates with CIP staff with her multitasking and prioritization skills staff, and has a comprehensive understanding of the City's design standards.

Bicycle Path (M-Path) Phases I, II, and III (Design), Miami, FL. Design and site layout included on-site improvements within public right-of-way including roadway reconstruction, sidewalk reconstruction and driveways access, grading, drainage system, and Dadeland South Metrorail station along US 1 to SW 67th Avenue.

University of Miami Parking Garage, Coral Gables, FL. Design and on-site improvements and improvements within right-of-way. On-site improvements included grading, drainage, pavement restriping, and utilities systems relocation.

Verona and Siena at Deering Bay, Miami-Dade County, FL. On-site improvements included grading, drainage system, and water distribution and sewer collection systems for residential high-rise buildings.

University of Miami Miller Drive, Miami-Dade County, FL. On-site improvements included grading, drainage system, and water distribution and sewer collection systems. Improvements within public right-of way included roadway reconstruction, drainage system, regrading, pavement restriping, sidewalk reconstruction, driveway access, and water main extension.

Towers of Dadeland, Miami-Dade County, FL. Onsite improvements included grading and drainage system, and water distribution and sewer collection systems for office high-rise building. Improvements within public right-of way included roadway reconstruction, regrading, pavement restriping, sidewalk reconstruction, driveway access, and sewer service connection.

Port of Miami, Miami-Dade County, FL. Onsite improvements included parking garage terminals D and E grading, drainage, pavement restriping, sidewalk reconstruction, and driveway access for new cruise terminal parking lots. Also involved with the Port of Miami WHALF V dredge and channel redesign.

University of Miami, Cobb Stadium, Coral Gables, FL. Participated in the renovation of soccer, football, and track fields. Provided plans for irrigation system for water distribution on the fields. Project also included pavement restriping, paving, grading and drainage plans for parking lots and entrance to auditorium, and renovation of an adjacent building, driveway access, parking layout, and sidewalk reconstruction.

Krome Detention Center, Miami, FL. Provided dragging calculation for three lakes at Krome Detention Center. Designed 48-inch sewage distribution system on Krome Avenue, from 8th Street to 88th Street.

Margaret Park, Miami FL. On-site improvements included parking layout and pavement restriping. Provided plans for grading and drainage, lake shore calculations, and surveying coordination including boundary surveys and asbuilt plans production.



DARREN L. BADORE, VICE PRESIDENT

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 Lauderdale, 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.



Glenn Myers, PE
Structures Lead



Education

- > M.S., Civil Engineering, University of Miami, 1981
- > B.S., Architectural Engineering, University of Miami, 1975

Registrations

- > Professional Engineer: Florida 32644, 1982

Certifications

- > FDOT Advanced Maintenance of Traffic
- > TxDOT Precertified, ESN 1933

Professional affiliations

- > American Concrete Institute
- > American Institute of Steel Construction
- > American Society of Civil Engineers
- > Florida Engineering Society
- > National Society of Professional Engineers
- > National Steel Bridge Alliance
- > Prestressed Concrete Institute – Chairman, Committee on Bridges, Girder Stability
- > Transportation Builders Association Subcommittee
- > American Society of Civil Engineers

Glenn Myers is the principal technical professional for structures design. He is a registered professional engineer and a former FL certified general contractor, with a bachelor of science in architectural engineering and a master of science in civil engineering, specializing in structures. This unique blend of structures and architecture combined with his knowledge of the construction industry has resulted in the design of award-winning structures recognized for their aesthetic value, constructibility, and economy. Mr. Myers has 42 years of experience centering on the design of railroad and highway structures, as well as underground and aerial guideway and stations for heavy rail, light rail, trolleys and automated people mover systems. His wide ranging experience also includes aviation facilities, ports and marinas, and building structures. He has led structural design review efforts for the Federal Transit Administration, South Florida Regional Transportation Authority, Miami-Dade Transit, Florida Department of Transportation, and other transportation authorities.

Mr. Myer's Atkins project experience includes:

Dixie Highway (CR-811) over Florida East Coast Railway and Hillsboro Canal, FDOT, Broward/Palm Beach Counties, FL.

Project manager. Responsibilities include coordination of staffing resources for professional services including project controls, roadway and drainage design, permitting, right-of-way maps, environmental assessments, railroad grade crossing evaluation, and structures design development. Project consists of a complex S-curved bridge over 2nd Street, the Florida East Coast (FEC) Railway, the Hillsboro Canal and other local roads, providing a direct connection between existing Dixie Highway, located on opposite sides of the FEC, in Broward and Palm Beach counties. Project also includes a direct ramp connection into the city of Deerfield Beach Central Business District with a bridge over the Hillsboro Canal and a 220-foot single span pedestrian structure over the Hillsboro Canal providing access to the city's Pioneer Park.

I-4 / Selmon Expressway Connector, FDOT, District Seven, Tampa, FL.

Technical advisor. Responsibilities included the development of structural and aesthetic concepts and oversight of plans development for the construction of this \$400M interchange, a 21 bridge facility with spans up to 275 feet connecting I-4 with the Selmon Expressway. Alternative designs were prepared for segmental concrete box girder and steel box girder superstructure systems the structures. Responsibilities included the development of special wind load

criteria for the upper level ramps for both the final and partially constructed structures, some of which are 100+ feet above existing ground. Responsibilities also included coordination with the CSX Railroad and the development of the vertical and horizontal alignments for future track connections between numerous CSX freight and commuter rail lines in support of the 26 railroad crossing agreements required for the project.

SR 9/I-95 (from South of SR 70 to South of SR 614), St. Lucie County, FL. Structures design manager for all structural design elements including widening of prestressed beam – slab bridge pairs at SR 70 and Belcher Road, widening of structural steel plate girder bridge pairs at SR 68 and the replacement of the bridges over Kings Highway. Project also included structural design of overhead sign structures and sound barrier walls. This design-build (D-B) project is the first in a series along the corridor, and will require considerable coordination with other interstate capacity improvement projects in the Treasure Coast.

SR 9/I-95 (from South of SR 614 to the St. Lucie / Indian River County Line), St. Lucie County, FL. Structures design manager. Responsible for the development of the structural components for the D-B request for proposal (RFP) package for this interstate capacity improvement project. The project involved widening the interstate bridge pairs over Indrio Road from four to six lanes. Work included preparation of preliminary bridge plans as an attachment to the RFP.

Courtney Campbell Causeway Interchange, Tampa, FL. Structures technical advisor. Responsibilities included oversight and participation in the design for the development of structural and aesthetic concepts and plans development for the reconstruction of this interchange, a facility connecting I-275, SR 60 (Courtney Campbell Causeway) and the Veterans Expressway. Interchange includes six bridges: five continuous steel superstructure bridges with spans up to 240 feet and one short span bridge using the new FL U-beam section.

SR-710 (Beeline Highway) over Loxahatchee Slough, Palm Beach County, FL. Lead structures engineer-of-record an FDOT RRR project, lead the investigation of the existing bridge documented structural deficiencies that provided justification for bridge replacement rather than the typical safety upgrades. A concurrent Palm Beach County Greenway project was also underway requiring pedestrian access across SR-710. A replacement bridge with a raised profile accommodating pedestrians under the bridge was developed and constructed. The bridge replacement was added into the project through a Joint Project Agreement with Palm Beach County, meeting the needs of both stakeholders.

U.S. 1 over Dania Cut-off Canal, Dania, FL. Structures engineer-of-record. Responsibilities included development of the concepts and final design for the barrier upgrades and minor superstructure widening of a cast-in-place concrete three-span bridge, previously widened with hollow-core transversely post-tensioned slab units. Additional dead load required to provide the minor widening was justified through load rating of the structure.

I-4 Segment 1, Polk County, FL. Lead structures engineer. Responsibilities included two bridges spanning over the reconstruction of Interstate 4. County Line Road over I-4 is a three span AASHTO beam superstructure bridge crossing normal to the Interstate. Galloway Road over I-4 is a three span continuous plate girder superstructure bridge crossing the Interstate at a skew. Construction of this project was accelerated and completed in 12 months.



Roberto Mantecon, PSM, PLS
Surveying and Right of Way Mapping Lead



Education

- › M.S., Civil Engineering, University of Miami, 1981
- › B.S., Architectural Engineering, University of Miami, 1975

Registrations

- › Professional Surveyor and Mapper: Florida LS4431, 1987
- › Professional Land Surveyor: Virgin Islands 0-11098-2B, 2004

Certifications

- › FDOT Advanced Maintenance of Traffic
- › TxDOT Precertified, ESN 1933

Professional affiliations

- › Florida Surveying and Mapping Society

Roberto Mantecon has 40 years of extensive experience in conducting and managing boundary, GIS, construction layout, geodetic control, hydrographic, right-of-way, route, sectional, cadastral, and topographic surveys for environmental (including stormwater, mitigation, and sewer utilities), transportation, runway extension, industrial/commercial, and many other types of survey projects. He also has in-depth knowledge of CAD and GPS surveys. Mr. Mantecon directs daily operations, supervises and coordinates office and field personnel, and serves as client manager involved in client communications and contract negotiations with clients and subcontractors. He has strong technical and communication skills, with the ability to resolve complex problems and convey solutions through multiple teams. During his 38-year career, all with Atkins, Mr. Mantecon has served as the survey manager or surveyor on many stormwater-related projects.

Mr. Mantecon's Atkins project experience includes:

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

6th Street Topographic Survey, City of Miami Beach, Department of Public Works, Miami Beach, FL. Principal surveyor. Topographic surveying and mapping proposed street drainage improvements for more than 5 miles of municipal streets for residential and commercial areas including West 6th Street and Alton Road. These surveys were conducted through the use of conventional and electronic means, including the use of HDS techniques.

Bay Drive, Lagorce and Nautilus Surveying Services, City of Miami Beach, Miami Beach, FL. Project manager for this project that involved a comprehensive survey of existing topographic improvements in the Bay Road, LaGorce, NH5, Nautilus, and NH7 Improvement District rights-of-way for design purposes.

Pembroke Road Water Line Improvements Design Services, City of Hollywood, Hollywood, FL. Project manager. Managed 11 miles of topographic survey for water infrastructure improvements. The project required geodetic control, and mobile LiDAR was used to acquire field data in record time, which expedited delivery of the project to the city on schedule.

Duval-Kingsland 240KV Corridor, Florida Power & Light Company (FPL), Miami, FL. Project manager for this 20-mile corridor survey, including geodetic control, topographic mapping, imagery, baseline placement, right-of-way mapping, specific purpose surveys and parcel sketched for different state agencies, including the Florida Department of Environmental Protection.

Bay County Conservation Easements, FPL, Lynn Haven, FL. Project surveyor responsible for geodetic calculations and creation of sketches for conservation easements.

South Bay Transmission Line Crossing, FPL, Miami, FL. Responsible for obtaining transmission line locations, right-of-way determination, horizontal and vertical control, and roadway topographic data collection for proposed transmission line crossing.

Turkey Point Expansion, Scout Lagoon, FPL, Juno Beach, FL. Project surveyor responsible for establishment of survey control, bathymetric mapping, boundary, wetland locations, and topographic maps depicting contours and lagoon sections.

Winston Park at St. Andrews Traffic Signal Design Services, City of Coconut Creek, Coconut Creek, FL. Principal surveyor. Served as principal surveyor for a signal design at Winston Park Plaza and St. Andrews intersection where Atkins conducted the traffic signal warrant study and signal design.

Louis Armstrong New Orleans International Airport, New North Terminal Development, New Orleans, LA. Surveyor. Project involves technical design of airside, landside and site utility elements, including coordination of design with various airfield facilities including airfield geometry, pavement designs, aircraft services, aircraft standing parking arrangements, aircraft hydrant fueling, site utilities, airfield drainage and ground lighting systems, special airport systems and

interfaces with passenger terminal building, and overall airfield civil works. Cost: \$650 million

Federal Emergency Management Agency STARR, Production and Technical Services Region V, Clinton River Watershed, MI. Survey manager. Led team to establish control points, process data and drawing production, process survey data, and perform quality assurance/quality control of the survey deliverables for survey of river cross sections. Planned and assembled project scope and pricing.

Basin 15 Stormwater Improvements Survey, Design, and Construction Services, City of Miami Springs, FL. Task lead. This project, a task order under the master contract with the City of Miami Springs, included survey, design, permitting, and construction of stormwater improvements for Basin 15. The basin's design included approximately 740 feet of French drain, 1,890 feet of solid pipe, and an overflow to the Esplanade Canal. The scope of services included surveying, shop drawing review, responding to requests for information, part-time daily inspections, monitoring for compliance with the contract documents, testing and documentation, and reviewing pay requests and change orders.

Intersection Stormwater Improvements Survey, Design, and Construction Phase Services, City of Doral, FL. Task lead. This project involved surveying, engineering, and construction phase services for the proposed stormwater improvements at 11 intersections throughout the city that were experiencing localized flooding. Survey services were performed to identify surface improvements, and where required, geotechnical exploration and tests were conducted. Final engineering design plans and cost estimates were developed for stormwater improvements at each project location, and multiple intersections were consolidated into three construction packages as requested by the City.

Surveying and Mapping Consultant Services, City of Miami, FL. Project manager. This master contract involves surveying and mapping services on a task assignment basis. Some of the tasks included plat reviews, boundary reviews, and topographic surveying.



Jack Hampson, CFM
Climate Change/Resiliency Lead



Education

- › M.S., Geophysics
Oceanography, University of
Rhode Island, 1984
- › B.A., Geology, Princeton
University, 1975

Certifications

- › American Society of
Photogrammetry and Remote
Sensing (ASPRS) – The
Imaging and Geospatial
Society
- › Certified Floodplain Manager
(CFM), Association of
State Floodplain Managers
(ASFPM), US-05-01442,
2005
- › Certificate in Asset
Management, Institute of
Asset Management (IAM),
#1032730, 2018

Professional affiliations

- › American Society of Civil
Engineers, Environmental and
Water Resources Group
- › American Society for
Photogrammetry and Remote
Sensing
- › American Water Resources
Association
- › Association of State Floodplain
Managers

Jack Hampson has 28 years of experience developing decision support systems for water infrastructure and water resources. His experience includes life-cycle asset management, water infrastructure and transportation planning, FEMA flood risk program management, coastal resilience, and geology. Mr. Hampson has a broad background in physical sciences, engineering, modeling, public outreach, and integrative approaches to complex systems. From 2013 to the present, he has been Atkins' national water technology business development lead while also managing development teams as the project manager on water infrastructure, water resources, and emergency management decision support system projects. His recent work includes engagements with South Florida Water Management District (SFWMD), FEMA, USACE, multiple large Florida counties, and Suwannee River Water Management District (SRWMD). Having worked with SFWMD since 2003, Mr. Hampson was project manager for collaborative design of the SFWMD infrastructure geodatabase and SCADA integration application, which won a Florida American Council of Engineering Companies Grand Award.

Mr. Hampson's experience includes:

Infrastructure Life-Cycle Cost Assessment, South Florida Water

Management District, South Florida. Project manager for design, agile implementation, extensive data mining, and data integration for life-cycle cost forecasting comprising all primary drainage, canals, levees, water control structures, and pump stations within SFWMD jurisdiction. Included likelihood-of-failure (condition) and consequence-of-failure forecasting in the prioritization scheme, along with filters for geography, area of responsibility, and funding source in a web-based results viewer.

Online Map File Room, South Florida Water Management District, South

Florida. Project manager for input of all SFWMD infrastructure and facilities as-builts online, cross-linked in a database by asset name, asset type, project name, project type, designer, constructor, and location.

FEMA Flood Risk Program, Suwannee River Water Management

District, Northwest Florida. As program manager for FEMA flood risk assessment program for SRWMD, responsibilities include developing grant proposals; conducting Discovery and outreach meetings; conducting QA/QC reviews of flood risk models; ensuring all reporting requirements are met and client remains in compliance with all regulations; tracking flood mitigation

actions; maintaining coordinated needs management strategy; and maintaining and enhancing the popular srwmdfloodreport.com public outreach website.

Storm Surge Protector-Outreach Website, Pinellas County, FL. Project manager for design and implementation of an outreach website for the County's Department of Emergency Management. The site enables any user to request a 3D representation of the storm surge impacts from a Category 1 to Category 5 hurricane on his/her property.

Stormwater System Inventory, Pasco County, FL. Project officer and QC manager for a GIS-based field inventory of the extensive Pasco County stormwater system. The project combined existing data and aerial photography in an initial asset management database; then used that to efficiently deploy crews with RTK GPS to collect key positional and invert elevation data; and, send a follow-on crew of condition assessment experts to collect and document condition data. Provided wireless uploads to an office team for daily integration of the field data into the larger GIS network and perform quality control.

Sea Level Rise Methodology Analysis, Florida Department of Economic Opportunity, Tallahassee, FL. Provided QA/QC for this inventory and analyses of currently employed sea level rise methodologies across the country for use by the State of Florida. Analyses considered the following areas of each program: methodology, cost, transferability, precedence, precision, accuracy, and capacity.

Stormwater Best Management Practices (BMP) Design, Tahoe Regional Planning Agency, Zephyr Cove, NV. Project officer for an online collaborative tool that matches site conditions to a BMP database, in order to size and present the optimal methods for stormwater capture on the site. Guided workflows allow the user to characterize site parameters and then select from among suitable options to best fit specific constraints. The tool automates application of an extensive BMP Manual to generate a plan and permit application, while simplifying permitting and collaborative design of BMPs, and creating a regional database of implementations.

Best Management Practices Assessment Tool, City of Bonita Springs, FL. Project manager for implementation of a system that integrates the Bonita

Springs water quality model into a GIS environment and provides tools to place stormwater water quality improvements into the system and then easily test which improvements provide maximum return on investment. Calculations were based on Florida Department of Environmental Protection (FDEP) guidance. The City has used the tool to prioritize and begin implementing water quality improvements in compliance with the FDEP Basin Management Action Plan.

Sarasota Bay Total Maximum Daily Loads (TMDL), Water Quality/GIS Integration, Florida Dept. of Environmental Protection, Tampa, FL. Project manager for design and implementation of a water quality data integration and analysis system to view and analyze water quality information through a geospatial interface. The system, which provides "drill-down" access to regulations, reports, data, and analyses tied to specific stream segments and watersheds, is designed to be maintained by users throughout the project life cycle. Scientists catalogue the initial literature review and data collection process, and the system ultimately provides a permanent catalog, so that users can access and index all key data in support of analyses and conclusions. Spatial tools include automated comparisons of watersheds to receiving waterbodies, upstream source tracing, upstream land use and land cover analysis, and point source identification for research prioritization.

Water Control System Tracker – Real-time Operational Tracking System, South Florida Water Management District, West Palm Beach, FL. Project manager for design and implementation of a Microsoft SQL Server data management system and associated GIS tools that integrate real-time water data with a geospatial representation of the conveyance system. The system, which provides "now casting" of basin conditions for water control operations to maintain a near-real-time water balance, displays results in GIS for decision support and documentation. In collaboration with Professor Kelly Brumbelow of Texas A&M University, the team used historic SCADA data and statistical techniques to analyze and validate both the measurements and the approach, while simultaneously "hardening" the database and application design.



Stephen Bourne, PE
Climate Change/Resiliency



Education

- › M.S., Civil Engineering, Georgia Institute of Technology, 1999
- › B.C.E., Civil Engineering, Georgia Institute of Technology, 1997

Registrations/licenses

- › Professional Engineer: Georgia 033160, 2008

Professional affiliations

- › Georgia Association of Water Professionals
- › American Geophysical Union
- › Florida Arc Hydro Users Group, Founding Vice President
- › American Society of Civil Engineers, Environmental and Water Resources Institute (EWRI) – Vice Chair of Task Committee on “Role of Technology in Water Resources Planning and Management”
- › American Water Resources Association
- › Association of State Floodplain Managers, Georgia Chapter

Stephen Bourne has 20 years of water resources research, engineering, and software development experience involving geographic information systems (GIS), climate research, water resources decision support system design, and software development and training. His current responsibilities at Atkins include project management and information solutions development and implementation.

As part of the national water resources and GIS community, Mr. Bourne leads cross-disciplinary teams with members from academia, government agencies, and private industry in development of cutting-edge solutions to resource management problems. The solutions often require novel research, and result in government agency sponsorship of graduate students in participating universities. Mr. Bourne participates in the research and implements the findings into pragmatic solutions that government agencies use for their immediate resources management needs.

Mr. Bourne’s Atkins experience includes:

Future Proofing Cities Application to Coastal Municipalities in the Dominican Republic. Atkins is a resource partner in this on-going U.S. Association for International Development -funded project. Mr. Bourne is leading the development of report cards for each city that focus on pain points such as drought, changes in frequency and intensity of tropical storms, and sea level rise’s affect on beach tourism. He is also developing an FPC simulation for each city that models economic and residential growth on a building by building basis under both business as usual as well as disaster conditions such as tropical storms. The model is driven by cutting edge climate change and sea level rise forecasts, to get a realistic picture of how well the city will handle these threats. Using this model results, we can measure realistic economic, environmental, and social costs and benefits of each master plan alternative; stakeholders use these metrics to decide which master plan is best for them.

Future Proofing Cities Application, City of Miami Beach, FL. Led this Atkins-sponsored assessment of the City of Miami Beach, ground zero for sea level rise in the United States. This report encapsulates the City’s advantages and challenges in an info-graphic form, showing population and economic projections, carbon footprint, number of LEED buildings compared to other cities in the nation, city infrastructure inventory, number of acres of residential land to be lost to sea level rise, number of large hurricanes to expect in the next century, potential loss from those hurricanes. This report card is the first step in the FPC process for a city. It sets a common stage for discussion among stakeholders.

Infrastructure Lifecycle Costing Tool, South Florida Water Management District, FL. Leading this project for identifying the modeling process necessary for system-wide cost and risk forecasting, and then selecting and customizing software that District managers will use on a daily basis to conduct this analysis. The South Florida Water Management District manages stormwater to control floods in the hurricane-prone south Florida peninsula. With a \$1.8B asset system of canals and pump stations, the District must have a clear understanding of the best way to spend its annual capital improvement and operation and maintenance budget.

Permafrost Foundation Decision Support System. Co-Principal Investigator on this U.S. Dept. of Defense research grant. Leading the technology development for this project. The goal is to develop a web-based tool that will guide potential building and road developers in the Arctic in terms of which foundation to use. Foundation design is a particular challenge in this permafrost-filled environment, and with climate change, the challenge has grown substantially. Part of a team of experts in arctic geophysics and structural design from Univ. of Alaska, Univ. of Cincinnati, and the Army Corps' Cold Regions Research and Engineering Laboratory.

StormCaster, an Atkins Product. Principal investigator of the StormCaster research and development project. Led development of the forecasting methodology and resulting tool with a group of colleagues from Texas A&M University and Atkins. This project has created a web-based tool that produces 2010-2100 forecasts for any city or town in the country at 15-minute time steps. The forecasts use General Circulation Model outputs to reflect state-of-the-science climate knowledge on future trends in precipitation. To include local micro-climatic conditions, the forecasts use historic data as a basis for synthesizing virtual storms over the forecast time horizon. The latest phase of the StormCaster project is the StormCaster Network, which will allow researchers from around the country to contribute their own storm forecasting methods to the online tool.

Tahoe Regional Planning Agency Stormwater Best Management Practices, Lake Tahoe, CA/NV. Worked with the Tahoe Regional Planning Agency to develop a stormwater best management practices (BMP) website. The free, wizard-based website, called BMP Designer, allows Lake Tahoe property owners to design and

implement BMPs on their property. These stormwater BMPs are applied to individual properties and include structures like gravel trenches placed under roof lines to catch rain water before it can erode sediment and carry it to nearby Lake Tahoe.

Grid Tracker Tool Development, Western Interstate Energy Board, Denver, CO. Lead software developer for a map-based web application designed to help users explore the possibilities for using available transmission capacity in the Western Interconnection power grid system in future contexts. The tool includes historical power flow and measures of available capacity in the power grid, historical measures of hydro power generation in major water systems in the western U.S., and potential future sources of renewable power generation through wind and solar plants that would feasibly connect to the grid. Available to the public, users can assess historically available transmission capacity in the grid and assess the impact of adding one or more plants to the system.

Assessment of National Financial Benefits of Green Infrastructure, U.S. Environmental Protection Agency, Nationwide. Led the development and application of methods for estimating the national benefit of green infrastructure for this study sponsored by the U.S. Environmental Protection Agency. Green infrastructure—or low-impact development—comprises a novel set of land development methods that aim to preserve, among other things, the natural water-retaining capabilities of urban and suburban regions. In doing so, green infrastructure can potentially help avoid billions of dollars of loss due to flooding from small storms each year.



Herminio Gonzalez, PE, CBO, ENV SP
Construction Management and Engineering
Services Lead



Education

- › M.S., Construction Management, Florida International University, 2002
- › B.C.E., Engineering, University of Miami, Coral Gables, 1980

Registrations

- › Professional Engineer: Florida 51944, 1997
- › General Contractor: Florida CGC016775, 1980

Certifications

- › Florida Building Code Administrator BU743, 1995
- › Florida Standard Plans Examiner PX902, 1995
- › Standard Inspector BN 0002128
- › OSHA 10-Hour Course Certification

Professional affiliations

- › Florida Building Commission Former Chairman, Code Administration Committee
- › State Product Oversight Committee and State Education
- › Miami Dade College, Former Advisory Board Member
- › The University of Miami, Engineering Advisory Board

Herminio Gonzalez has 36 years of construction experience with an emphasis on high rise, inspections and code compliance for both public and private agencies. During his career, he has managed numerous projects varying in project size and construction cost. Mr. Gonzalez has a comprehensive understanding of the services required to manage construction sites, in addition to performing inspection services and plans reviews. He also has in-depth project management and administration, construction monitoring, construction documentation, multi-project field inspections coordination, and technical code compliance plan reviews experience.

Mr. Gonzalez's Atkins project experience includes:

C-23 Canal Water Farm Berm Construction Inspection Services et al, South Florida Water Management District, Port St. Lucie, FL. Project manager for various projects that included the South Florida Water Management District (SFWMD) C-23 Canal Water Farm Berm Construction Inspection Services. Construction of 3-miles of Levee and associated seepage canals and maintenance berms around a 320-acre shallow water impoundment. Construction of a water control structure through the impoundment levee to an inflow pump station.

Lainhart and Masten Dam Maintenance Construction Management Services, South Florida Water Management District, Jupiter, FL. Project manager for the South Florida Water Management District (SFWMD) Lainhart and Masten Dam repairs project construction inspection and material testing services.

S39A Control Structure Construction Engineering Services, South Florida Water Management District, Parkland, FL. Project manager for the design team involvement to review RFI and Shop drawing submittals and approval and attend progress meeting during construction.

Muss Park Seawall, City of Miami Beach, FL. Project manager for the Muss Park seawall replacement. Responsible for design team involvement to review RFI and Shop drawing submittals and approval and attending progress meeting during construction.

Miami Dade County Schools. Provided plans review and inspection services to over 35 schools in Miami Dade County. Involved as the Building Code Consultant for the Schools.

Carnival Cruise Line. Project director on the renovation of the 300,000-gallon recreational river pool at Amber Cove in Puerto Plata at the Dominican Republic. Completed the work within the time and budget required to meet the boat industry scheduled mandate.

Perry Hotel Construction Management, Miami Beach, FL. Project manager with primary responsibility for this contract, serving as the single point of contact with Collins Avenue Construction and providing day-to-day coordination and leadership during execution of this project from our Miami office. Assigns staff, calls meetings, coordinates and schedules activities, develops progress reports, monitors progress, directs the work, and coordinates transmission of information to all team members.

Keesler Air Force Base, Mississippi. Complete assessment of all the buildings at the base for architectural, structural, MEPs regarding condition of buildings and input into a system for further evaluation.

Closeout Support for City Center 9A Project, City of Miami Beach, FL. Project manager. Responsible for representing the City and confirming that the contractor complied with all applicable codes, rules, and regulations related to the City Center right-of-way restoration project. Provided construction monitoring, schedule support, change request support, and other construction management services to the City during the closeout stage. Project closeout services included verifying that the work had progressed to completion in accordance with the contract documents, conducting final walk-through, preparing final completion inspection, and preparing certificate of payment. Also, responsible for managing Atkins' team of construction managers and project controls staff that developed and updated project schedules; reviewed/responded to resident complaints and permit expiration dates; oversaw the completion of

service roads; and ensured that all repairs were completed on time and in compliance with acceptable City standards. Handled and resolved project issues that arose during the construction closeout process.

Bayshore Neighborhoods Right-of-Way Improvements Resident Project Representative Services, City of Miami Beach, FL. Project manager. Works closely with the City of Miami Beach to manage on-site monitoring of contractor's work, determine if the contract document provisions and permit conditions are being fulfilled, and protect the City against defects and deficiencies in contractor work. Also manages senior inspectors and performs quality assurance/quality control duties to confirm that task assignments are being completed. His responsibilities also include coordinating directly with the Florida Department of Health; Miami-Dade County Department of Permitting, Environment and Regulatory Affairs; and City of Miami Beach Public Works, Fire, and Police Departments to coordinate construction related tasks on behalf of the City.



Michael Ryan, PE, PMP
Construction Inspection



Education

- › M.E., Project Management, University of Maryland, 2012
- › B.S., Civil Engineering, U.S. Air Force Academy, 2000

Registrations/licenses

- › Professional Engineer: Florida 68358, 2008; Michigan 6201064436, 2016

Certifications

- › Project Management Professional (PMP), #1203762, 2008
- › Construction Training and Qualification Program (CTQP) Quality Control (QC) Manager
- › CTQP Earthwork Construction Inspection, Levels I and II
- › CTQP Final Estimates, Level II
- › CTQP Quality Control Manager (completed course and exam)
- › Florida Department of Environmental Protection (FDEP) Stormwater, Erosion, and Sedimentation Control Inspector
- › Florida Department of Transportation (FDOT) Advanced Maintenance of Traffic
- › FDOT Auger Cast Pile CBT Course
- › FDOT Critical Structures Construction Issues Course
- › TIN Number:

Michael Ryan has 18 years of construction oversight, program and project management, and facility operations management experience. Mr. Ryan's responsibilities include managing conventional engineering projects involving various elements such as right-of way surveys, regulatory approvals and permits, mitigation plans, cost estimating, scheduling, and construction phase services. He organizes field observation and monitoring of contractors' substantial compliance with contracts so that project quality, cost control, and established completion schedule are met by the contractor.

Mr. Ryan's Atkins project experience includes:

Lee County MPO Complete Streets Initiative, Lee County, FL. Senior project engineer for the Lee County Complete Streets Design-Build project. This project is a Transportation Investment Generating Economic Recovery (TIGER) grant to connect three major portions of Lee County: the Tour de Parks Loop, the University Loop, and the Bi-County Connector. Together, the three segments form a system for walking, bicycling, and transit facilities that connects major commercial, residential, and recreational facilities, providing commuters, tourists, and others the freedom to safely move around Lee County. Major construction activities included two single-span pedestrian bridges, roadway widening and resurfacing, concrete and asphalt pathways, lighting, and signalization.

Construction Engineering and Inspection for the Widening of I-75 from Harborview Road to Sumter Boulevard, FDOT, District One, Charlotte and Sarasota Counties, FL. Senior project engineer for the \$73 million I-75 widening project from Harborview Road to Sumter Boulevard encompassing three projects. Work consists of widening 15.5 miles of interstate including four interchanges and the widening of seven existing bridges and deck replacement on an existing bridge. Bridge work involves concrete pile foundations, prestressed AASHTO Florida "I" beams, and barrier wall construction. Work also includes a mile of sound wall construction, asphalt paving, highway lighting, signing and ITS installation, signal installation, drainage pipe installations, and pond construction. More notably, this project consists of environmentally sensitive work zones, complex maintenance of traffic and detour operations, coordination with adjacent road projects, and working with multiple jurisdictional agencies.

Construction Engineering and Inspection for US 27 Widening from 5th Street to 7th Street, Glades County, FL. Senior project engineer for the milling and resurfacing and roadway widening along US 27. Additional improvements

include turnout and driveway construction, minor drainage improvements, removal and replacement of concrete sidewalk and curb, and removal and installation of a new strain pole. This Glades County School Board project was funded through a JPA agreement with FDOT.

Construction Engineering and Inspection for the Manatee Operations Center, FDOT, District One, Bradenton, FL. Senior project engineer responsible for overseeing project inspection and providing liaison support to FDOT facilities management during project construction. The project includes developing a 42-acre parcel into a consolidated operations center for FDOT in Manatee County. The center replaces the existing Sarasota Operations Center by consolidating 34 buildings into 10 with a total of 52,600 square feet. The operations center will provide maintenance of existing highways and bridges, as well as construction of new facilities in Sarasota and Manatee counties that continue to be high growth areas in District One.

Construction Engineering and Inspection and Related Services, US 41 and SR/CR 951 Intersection FDOT, Collier County, FL. Senior project engineer responsible for overseeing construction engineering and inspection services, constructability review, value engineering, contract administration, inspection, and materials sampling and testing. This Florida Department of Transportation joint participation agreement project grouping included the widening and realignment of the US 41/SR 951 intersection, an eight-lane intersection and one of Collier County's busiest locations. Major work activities included pond excavation, closed and open drainage improvements; water main, force main, and reuse main utility replacement; intersection signalization replacement; and gravity wall, sidewalk, lighting, guardrail, and soundwall. The resurfacing, restoration, rehabilitation project includes resurfacing approximately 3 miles of four-lane rural roadway, conversion of the existing span wire signal system to mast arms at two intersections, striped and signed bike lanes throughout the project, and bus stop enhancements at Manatee Road (northbound and southbound) with bus bays.

Broad Causeway (SR 922) All Electronic Toll Conversion, Town of Bay Harbor Islands, FL. Senior project engineer responsible for contract oversight, lab and materials testing coordination, estimate review, and field documentation. This project consists of converting the existing cash toll collection system to all electronic tolling (AET). Activities include overhead truss fabrication and installation, modification of travel lanes to facilitate AET, modification of drainage network, and demolition of existing canopies and structures over and within the travel lanes.

South Road Realignment, Lee County Port Authority, Lee County, FL. Senior project engineer and project administrator responsible for contract administration, supervision of inspection staff, and coordination with Lee County Port Authority, Lee County Utilities, and several private utilities. This project included removal of the existing roadway and new alignment for 3,400 linear feet of roadway. Construction activities included the installation of force main, water main, gravity sewer, sanitary sewer lift station, street lighting, and construction of a two-lane rural roadway, closed drainage system, landscaping, and irrigation.

Construction Engineering and Inspection Services for Collier Boulevard from Davis Boulevard to Golden Gate Canal, and Davis Boulevard from Collier Boulevard to West of Radio Road, FDOT, District One, Collier County, FL. Senior project engineer responsible for contract administration, supervision of field inspection staff, and coordination with the Department, Collier County, multiple engineers-of-record, several private utility owners, and two adjoining Department projects. This project is a joint participation agreement between District One and Collier County and consists of seven separately tracked funding sources and four engineers-of-record. This 2-mile project involves widening Collier Boulevard (SR 951) from four to six lanes and widening Davis Boulevard (SR 84) from two to four lanes. Additional components include the installation of a post-tension gravity wall under I-75; retaining wall; sound wall; pond blasting and excavation; 21,000 linear feet of closed drainage; 12,000 linear feet of water main, force main, and reuse main relocation; I-75 ramp improvements; sidewalk; guardrail; drilled shaft; signalization; lighting; landscaping; and bridge improvements.



Daniel Menendez, PE
Construction Management and
Engineering Services



Education

- › B.S., Civil Engineering,
Florida International
University, 2003

Registrations/licenses

- › Professional Engineer: Florida
67473, 2008

Certifications

- › CTQP ID No.
M553175761020
- › CTQP Asphalt Paving
Technician – Level 1 & 2
- › CTQP Final Estimates –
Level 1 & 2
- › CTQP QC Manager
- › Critical Structures
Construction Issues Self Study
- › Auger Cast Pile Self Study
Course
- › ATSSA Advanced Worksite
Traffic Supervisor
- › NPDES Qualified Storm
Water Inspector
- › Nuclear Safety Certification
- › OSHA Training Certification

Daniel Menendez has 22 years of experience in the transportation, engineering, and construction industry. His construction experience includes management of heavy civil projects within urban areas of Miami-Dade and Broward County as well as the Florida Department of Transportation (FDOT) and Florida's Turnpike Enterprise (FTE). These projects have included high rise construction, infrastructure improvements such as storm sewer, sanitary sewer and domestic water networks, full right-of-way reconstruction, bridge deck repairs, intelligent transportation systems (ITS) infrastructure improvements, signalization, and embankment surcharging.

Mr. Menendez has served as the project engineer on numerous FDOT and public agency projects. He is familiar with FDOT staff and project coordination, keeping all stakeholders well informed regarding important construction activities, construction issues and potential impacts to traffic and the project schedule, and ensuring all FDOT construction procedures are adhered to and followed in conformity with the contract documents. Mr. Menendez's varied experience allows for thorough quality assurance reviews of CEI procedures and performance as well as helpful insight during issue resolution and claims negotiations.

Prior to joining Atkins, Mr. Menendez's experience included:

Construction of Ramps from Campbell Drive to Northbound HEFT (SR 821), MP 2 – Design-Build, Florida's Turnpike Enterprise, Miami-Dade County, FL. Senior project engineer for the widening of the HEFT Mainline at the Campbell Drive (SW 312th Street) Interchange. This project includes a new one-lane northbound HEFT on-ramp from westbound Campbell Drive, widening the existing single-lane southbound HEFT off-ramp to two lanes, widening the Mainline HEFT to accommodate new acceleration and deceleration lanes to the ramps, milling and resurfacing, replacement of cable barriers with guardrail, roadway lighting, drainage improvements, ITS modifications and new signing and pavement markings including three new cantilevered sign structures. Structural improvements include replacement of all existing bridge railing barriers and bridge deck joints, as well as new pre-cast (post-and-panel) sound walls throughout the project. Campbell Drive improvements include widening, milling and resurfacing, new signal mast arms, signing and pavement markings and new concrete sidewalks. Extensive coordination with FTE Traffic Management Center, FTE Public Information Office and City of Homestead. .

Miami-Dade Expressway Authority, FL. Assistant Director of Engineering for the Miami-Dade Expressway Authority (MDX). Mr. Menendez had direct oversight of MDX's \$880 million Five-Year Work Program. This included direct involvement in all construction, design, CE&I, planning and asset maintenance contract, daily coordination with procurement as well as oversight of the Operations, Planning, and GIS Departments.

I-75 MM 63 Rest Area Design-Build, FDOT, District 1/Stantec/Wright Construction Group, FL. Project administrator. Project included the design and construction of a larger rest area facility at MM 63 on I-75 as well as a Public Safety Center, two recreational access areas into the Big Cypress National Preserve and the upgrading of existing water and wastewater treatment plants.

Melrose Park SE, Broward County Water and Wastewater Services, Broward County, FL. Project manager. Work involved sanitary sewer installation (8-inch SDR 26 and C900 gravity mains), drainage installations (15-inch to 24-inch reinforced concrete pipe, water main deflections (6-inch to 8-inch ductile iron pipe and C900 water mains), full right-of-way reconstruction of two lane residential roads and two lane corridor which included trench reconstruction, sub-grade, base, paving, pavement markings, sidewalks, approaches and swale grading, hardscape and landscape improvements, and ADA upgrade.

Improvement to Indian Creek Drive from 41st to 26th, City of Miami Beach, FL. Project manager/project administrator. The project included sanitary sewer installation (24-inch to 30-inch C900 gravity mains), water main installation (12-inch and 8-inch ductile iron pipe water mains), limited drainage improvements (cast in place trench drains), reconstruction of multi-lane corridor including trench reconstruction, sub-grade, base, asphalt leveling, paving and pavement markings, milling and resurfacing, hardscape and ADA improvements. Portions of this project were coordinated through the FDOT District Six office.

Tamiami Storm Sewer Improvements, City of Miami, FL. Project manager. Work included drainage improvements (18-inch to 42-inch reinforced concrete pipe, CAP, and high density polyethylene pipe, reconstruction of two lane residential roads including trench reconstruction, sub-grade, base, paving and pavement markings, milling and resurfacing, hardscape and landscape improvements.



Vincent Reynoso
Construction Management and
Engineering Services



Education

- > A.A., Electro-Mechanical Engineering, Pinellas Technical Education Center, 1985

Certifications

- > TIN #
- > IMSA Traffic Signal Senior Field Technician Level III
- > IMSA Traffic Signal Technician Level II
- > IMSA Microprocessors in Traffic Signals
- > Intermediate Maintenance of Traffic
- > CTQP Final Estimates - Level I

Vincent Reynoso has 31 years of experience in a varied background of transportation engineering and electro-mechanical technology. His experience includes a successful track record of evaluating, designing, and inspecting new traffic signalization projects and signal corridor improvements. His experience providing construction engineering and inspection (CEI) for intelligent transportation system (ITS) and traffic signalization projects includes plans and specifications review, as well as installation and testing of all systems. Mr. Reynoso's wide range of expertise complements his excellent problem-solving skills, giving him the ability to work well under pressure in fast-paced, time-sensitive environments. He is technically accomplished, detail-oriented, and accurate; has excellent interpersonal and communication skills; and embodies a strong commitment to customer satisfaction.

Mr. Reynoso's project experience includes:

I-75 (Segment 3) Widening from Pasco/Hernando County Line to South of SR 50, FDOT, District Seven, Hernando County, FL. ITS inspector for this \$35 million I-75 widening project, provides testing, inspection, and documentation of all ITS/dynamic message signs (DMS) construction activities as well as fiber-optic installation. Work consists of widening 5.5 miles of high-profile interstate to include utility relocation, asphalt paving, ITS installation, drainage pipe installations, and pond construction. More notably, this project involves environmentally sensitive work zones, complex maintenance of traffic (MOT), coordination with adjacent road projects, and working with multiple jurisdictional agencies. Construction value: \$35 million

I-75 Construction Engineering and Inspection Services, Fowler Avenue to SR 56, FDOT, District Seven, Tampa, FL. Senior ITS inspector. Provides field inspection, system testing oversight, and submittal review for all ITS elements including DMS, closed-circuit television (CCTV), microwave vehicle detection system (MVDS), road weather information system, and a new Ethernet-based fiber-optic network constructed in Hillsborough and Pasco Counties. Contract services involve CEI for this highway improvements project, which includes the construction of 3 new bridges and widening of 16 existing bridges. Other major work items include mechanically stabilized earth wall construction, milling and resurfacing, storm drainage improvements, 48 jack and bore installations, new pond construction, and new lighting, traffic signals, signing, and pavement markings. The work encompasses improvements at the Fowler Avenue, Fletcher Avenue, I-275 Apex, Bruce B. Downs Boulevard, and SR 56 interchanges.

Associated road widening and signalization improvements also occur on Bruce B. Downs Boulevard from Commerce Palm Drive to Donna Michelle Boulevard. Project challenges include complex MOT phasing, high volume traffic, coordination with four separate ongoing road projects, and use of a temporary Acrow bridge to handle northbound I-75 interstate traffic.

East Bay Drive Advanced Traffic Management System Construction Engineering and Inspection Services, Pinellas County, Largo, FL. Senior ITS inspector. Provided field inspection, system testing oversight, and submittal review for all ITS elements including DMS, CCTV, MVDS, and a new ethernet-based fiber-optic network. Atkins provided CEI services for this signalization and ITS installation project, which included construction of a fiber-optic backbone and associated communications equipment, along with installation of DMS, CCTV and optical sensor poles, ITS cabinets and inductive loops.

Prior to joining Atkins, Mr. Reynoso's experience included:

New Traffic Signalization, Transcore, Manatee County, FL. Traffic signal specialist responsible for design, engineering, and installation of a new traffic signalization project. Implemented conversion of the old signal timing data (Peek) to the new controller format (NAZTEC) and programmed, inspected, and tested each system before installation in the field. Also supervised and led teams during construction of the entire signalized system.

Applications Engineer, Peek Traffic Corporation, Palmetto, FL. Responsible for designing traffic signal systems for various state and local transportation maintenance organizations. Evaluated transportation engineering plans to create traffic control sequences to satisfy project requirements; configured bills of material using customer purchase orders and local jurisdictional specifications to create data flow documents used by production staff to assemble the signal cabinet and control hardware; used AutoCAD to design traffic intersection plans and drawings of all cabinet circuitry for production as well as field installation; coordinated with applications manager, production staff, and customers to complete the manufacturing process on time and to end user satisfaction. Also maintained all record keeping applications related to inventory controls and print archiving.

Traffic Signal Technician, City of St. Petersburg, FL. Traffic signal technician for 18 years with the City and was responsible for implementing, maintaining, and upgrading the City's traffic signal systems; developed protocols for technicians operating in the field and served as the leader of a seven-person team; coordinated with the traffic signal engineer and transportation planning manager in performing traffic studies and optimization of signalized corridor timing plans; and operated and maintained multiple software environments, from the main traffic control system to laptops used by technicians to download controller timing data. Also installed, maintained, and repaired electronic and microprocessor-based traffic signal equipment and related traffic control devices in a time-sensitive environment, minimizing service interruptions; engineered the testing and implementation of new communications, video, and traffic signal controller equipment; and performed troubleshooting to component level using oscilloscopes, meters, and various diagnostic test stations.⁷



Alton Robinson
Construction Management and
Engineering Services



Education

- › M.S., Computer Information Systems, Florida Institute of Technology, 2013
- › B.S., Networks and Communications Management (Cum Laude), DeVry University, 2003

Certifications

- › Comptia Network+ Certified
- › Traffic Signal Inspector, IMSA
- › Fiber Optics for Traffic Systems Program, Tech Level I, IMSA
- › Maintenance of Traffic, Intermediate Level, United Safety Council
- › Traffic Signal Technician, Tech Level II, IMSA
- › Traffic Signal Technician, Tech Level I, IMSA

Alton Robinson 7 years of Intelligent Transportation Systems (ITS) experience. His areas of expertise include ITS management and traffic systems operations; specifically performing infrastructure facilities planning, project and program management, and ITS/traffic field systems deployments. He has significant experience and knowledge of traffic engineering and operations, information technology, network communications management and inside/outside plant fiber optic facilities management.

Mr. Robinson's Atkins project experience includes:

Districtwide Network Re-IP Implementation, FDOT, District Five, FL.

As Network Administrator and IMSA Level II, Signal Technician, responsible for both network equipment integration and Signal Cabinet equipment configuration. The deployment to County, City and Local Agencies throughout District-5 for ITS/Signals Network Assessments, IP Address Reassignment, Equipment Integration and Traffic Operations Systems and Applications migration was initiated May 2015 and completed October 2018. The project successfully re-ip addressed ITS Network Router/Switch Equipment, ATMS Signal Server and Traffic Controller systems, Wireless Access Points, Vehicle Detection Equipment, Uninterruptible Power Supply Systems and CCTV w/ Video Management Systems, as well as all copper and fiber optic connections.

FHWA Veh-to-Infrastructure, Osceola County, FL. As an IMSA Level II signal technician and junior network analyst, responsible for providing network and signal cable equipment configuration and installation. Participated in the installation and integration of network cabling via above ground and underground conduit.

Networking Orlando Re-IP Implementation, FDOT, Orlando, FL. As Junior network analyst, responsible for network equipment integration and Signal Cabinet equipment configuration. Re-IP of the Ethernet devices located at more than 350 individual traffic cabinets throughout the City of Orlando. Designed the IP schema utilized for the City's Signals/ITS Network.

Traffic Adaptive Signal Control System Concept of Operations Development and State Emergency Management Plan Update Services, Brevard County, FL. Project included development of a concept of operations and update of the existing County's Systems Engineering Management Plan for the future deployment of a traffic adaptive signal control signal system on Wickham Road from Sarno Road to Business Center Road. As ITS Analyst, provided

technical knowledge of the processes involved with creating a Systems Engineering Management Plan and developing an all-encompassing Concept of Operations (ConOps) substantial enough to satisfy all the Client's requirements.

Escambia-Santa Rosa Regional Advanced Traffic Management System (ATMS) Feasibility Study, City of Pensacola, FL. Atkins conducted an ATMS feasibility study and implementation plan for the Escambia County region. Study includes analyzing the needs of a regional ATMS system, performing a traffic management center assessment, and providing a field inventory and analysis of field hardware. As Senior Network Administrator, was responsible for developing a physical deployment strategy and a logical layout of the Fiber Optic Network connecting traffic cabinets throughout two Counties to the backbone infrastructure and routing communications through a system of proposed Networking equipment to the Regional Traffic Management Center.

Wekiva Parkway Section 4A ITS Design Services, FDOT, District Five, Orange County, FL. Atkins was responsible for the ITS design along the recently constructed Florida Department of Transportation (FDOT) Wekiva Parkway Section 4A section. As Senior Network Administrator, was responsible for developing a physical deployment strategy and a logical layout of the Fiber Optic Network's fiber utilization scheme throughout the project's limits.

I-10 (I-95 to US 90) ITS Design Services, FDOT, District Two, Duval County, FL. Full freeway management ITS freeway deployment on I-10 for approximately 145 miles. As Senior Network Administrator, was responsible for developing a physical deployment strategy and a logical layout of the Fiber Optic Network connecting Master-Hub Shelter Stations and Local Field Cabinets throughout two FDOT District's along Interstate-10 to the backbone infrastructure and routing communications through a system of proposed Networking equipment to both County's Regional Traffic Management Centers.

I-75 (SR 54 to SR 52) Widening and SR 52 Interchange Reconstruction Design-Build Project, FDOT, District Seven, Orlando, FL. Project involved

design during proposal efforts for the widening of I-75 from four to six lanes from north of CR 54 to north of SR 52 as well as reconstruction of the SR 52 interchange. As ITS Analyst, provided technical knowledge of the processes involved with creating a Systems Engineering Management Plan and developing an all-encompassing Concept of Operations (ConOps) substantial enough to satisfy all the Client's requirements.

Johns Creek ITS Expansion Design Services, City of Johns Creek, GA. This project involved signal design related to converting the signal to flashing yellow arrow, signal synchronization through adaptive signal systems including before-and-after studies to document benefits, traffic control center design and connectivity, communication and ITS device design, and geometric design related to extending turn lanes.

SR 50 (Dean to Avalon) ITS, FDOT, District Five, Orlando, FL. As a subconsultant, Atkins is responsible for the development of ITS plans along SR 50 that allow the existing system to remain active through construction and development of the final ITS along the project corridor. The final ITS along the project corridor includes analysis and relocation of two dynamic message signs, five CCTV relocations, two automatic vehicle identification relocations, and minor fiber and conduit rerouting. As ITS Analyst, was responsible for processing all Shop Drawing Submittal appraisals and review of the processes involved with determining specifications and selecting field equipment qualification based on FDOT's established criteria for Projects utilizing State funding.

Prior to joining Atkins, Mr. Alton worked for Brevard County (Florida), as an ITS, systems manager, and traffic management center operator.



Andres Perea (HBC Engineering)
Construction Inspection

Education

- › A.S., Civil Engineering,
Broward Community College,
2006

Certifications

- › CTQP - Earthwork
Construction Inspection Level
1 & 2
- › CTQP - Concrete Field
Testing Technician
- › CTQP - Pile Driving
Inspection
- › CTQP - Drill Shaft Inspection
- › ACI - Concrete Compressive
Strength Testing Technician
- › ACI - Concrete Testing Level
1
- › Nuke Gauge Radiation Safety
(APANGA)
- › Intermediate Maintenance of
Traffic

Andres Perea has 18 years of experience in construction engineering inspection. His expertise includes concrete field testing, pile driving inspection, and drill shaft inspection. In addition, he has performed QA/QC services, asphalt sampling, and laboratory testing.

Mr. Perea's project experience includes:

Construction Engineering Inspection QA/QC H2R Corporation, Pompano Beach, FL.

- › Inspection performed representing Army Core of Engineers, Martin County and Okeechobee County, FL.
- › Geotechnical / Drill Shaft Construction & Inspection for foundations at Selmon West Extension Expressway, Tampa, FL.
- › Drilled Shaft and Geotechnical Construction Inspections for FDOT at project Belcher Rd, Pinellas Park, FL.
- › Earthwork Construction and Concrete Field Inspections for the Turnpike Service Plaza FDOT project at Port St. Lucie, FL.
- › Earthwork Construction and Concrete Field Inspections QA/QC at C44 Reservoir construction, Surveying and Sampling toe trench and blanket drain Construction inspections. Martin County, FL.
- › Roadway / Bridge reconstruction & expansion at Turnpike and Bird Rd (SW 40th St), Miami, FL.

RSO, Absolute Civil Engineering Solutions, LLC, Statewide. Responsible for scheduling Reporting, and inspecting Lab and Field operations, assuring that new members of the team were well trained with enough knowledge to cover any and every job.

- › Pasadena at California Club - QA/QC I Special Inspections, Aventura, FL.
- › Palm Beach, Broward and Miami Dade County, Sewer Reconstruction Department
- › QA/QC I Special Inspections / Plumbing & Structural Dade, Broward &
- › Palm Beach County.



QA/QC I Roof Inspections Department, Broward County Schools, Plantation, FL. At (TSF)

worked performed QA/QC services, from concrete field inspection, soils, and asphalt sampling, MSE wall placement and inspections, at Ft. Lauderdale International Airport Runway. Verifying every operation follows Construction Standards and Specifications.

SAIC, E=MC4I Metal Fabricators, Charleston, SC. Tasks included programming and supervising assembly of aluminum, A36 steel, stainless steel frames and enclosures for aeronautical services. Other projects included project management programming and supervising custom design of 787 Dreamliner jet engine parts and enclosures.

GEOSOL Drilling, Miami, FL. Performed CEI geotechnical engineering inspections of drilled shaft quality control and quality assurance for the Miami International Airport connector Tri-Rail.



Credentials | Registrations

ACI - Concrete Field Testing
Technician - Grade 1
CTQP- Earthwork Construction
Inspection - Level 1
CTQP-Asphalt Paving - Level 1

Expertise

Soils Testing
Asphalt Inspection
Field Concrete Testing
Earthwork Inspection
Vibration Monitoring
Customer Service

Ha Huu Nguyen

Field Inspector

Mr. Nguyen has over 5 years of experience in construction supervision and construction inspection. His experience has mainly involved earthwork, storm drainage and utility installations, reservoirs, canals, and embankments. He has been responsible for on-site construction inspection, schedule monitoring, oversight, and supervision of all aspects of work from start to completion.

Relevant Experience

C-44 Reservoir/STA, Comprehensive Everglades Restoration Plan, South Florida Water Management District, FL. The C-44 Reservoir/STA project is a component of the Indian River Lagoon-South (IRL-South) Project under the Comprehensive Everglades Restoration Plan. The C-44 project consists of a reservoir and stormwater treatment areas (STAs) located on an approximately 12,000-acre site. Mr. Nguyen serves as Construction Field Representative responsible for on-site observations, preparation of daily reports, review of pay applications and QA/QC.

*Herbert Hoover Dike Culverts 3 and 4A Rehabilitation Structure Replacements, Palm Beach County, FL.

*Herbert Hoover Dike Culverts 10 and 12 Rehabilitation Structure Replacements, Palm Beach County, FL.

*Herbert Hoover Dike Culverts 11 and 16 Rehabilitation Structure Replacements, Palm Beach County, FL.

*Herbert Hoover Dike Culverts 5A and 5 Rehabilitation Structure Replacements, Palm Beach County, FL. Field and Laboratory Testing Technician for Geotechnical Engineering and Construction Materials Testing Services. The work includes soils testing for embankment components, structural concrete sampling and testing and asphalt monitoring and testing. Structures work includes providing quality control services during concrete placement and casting of the building components as well as monitoring the asphalt production and performing tests including asphalt content, aggregate gradation and moisture content, and stability and flow. Performing in-place density tests along the compacted asphalt layer to ensure that the specified density is achieved, vibration monitoring to evaluate ground vibration effects, and providing a vibration control plan. Also providing structural inspection and a preconstruction structural survey.

*C-44 STA & Pump Station, Palm Beach Co., FL. Field and Laboratory Testing Technician for Geotechnical Engineering and Construction Materials Testing Services. The work includes soils testing for embankment components, structural concrete sampling and testing and asphalt monitoring and testing. Structures work includes providing quality control services during concrete placement and casting of the building components as well as monitoring the asphalt production and performing tests including asphalt content, aggregate gradation and moisture content, and stability and flow. Performing in-place density tests along the compacted asphalt layer to ensure that the specified density is achieved, vibration monitoring to evaluate ground vibration effects, and providing a vibration control plan. Also providing structural inspection and a preconstruction structural survey.

*FY14 Project Culvert Replacements, Central and South, FL. Field and Laboratory Testing Technician for Construction Management Support including field exploration/testing and laboratory testing, as well as quality control during the culvert replacement. Also provided post construction field tests of embankment, backfill, or base rock and establishing a percent compaction for each lift previously installed. A Post Construction Report was provided to include all the boring logs, laboratory tests and analyses conducted.

Ha Huu Nguyen | Field Inspector

***Everglades Agricultural Area (EAA) Reservoir A-1, Palm Beach Co., FL.** Field and Laboratory Testing Technician for Geotechnical Engineering and Construction Materials Testing Services. Provided soil and aggregate testing. Field testing including constant head and falling-head percolation tests and double ring infiltration tests.

***Hillsboro Canal Bank Stabilization, Palm Beach and Broward Cos, FL.** Field and Laboratory Testing Technician for Geotechnical Engineering and Construction Materials Testing Services. Services also included providing Quality Control and Material Testing Services for the canal bank repair to keep the conveyance of the Hillsboro Canal at its design capacity. The work involved performing geotechnical and slope stability analysis for typical canal cross-sections. Slope stabilization alternatives analyzed included rip rap types A and B, high performance turf reinforcement mat, articulated concrete block mat and gabion mattress. Field exploration consisted of standard penetration tests, rock coring and field permeability tests. Field services included in-place density tests, and uplift tests for ACBM anchors. Lab testing included proctors, sieves and organic content.

***PC Culverts in Kind Replacements, Various Counties, FL.** Field and Laboratory Testing Technician for Geotechnical Engineering and Construction Materials Testing Services for work involving testing many various kinds of soil types. Field material testing including in-situ density tests for each lift. The construction material testing for soil includes moisture-density relationships, grain-size analysis, Atterberg limits and organic content for backfill material.

***FLL Site Preparation and NAVAIDS for Runway 10R-28L Broward County, FL.** Field and Laboratory Testing Technician for soil and construction materials testing on the materials being delivered for the construction of the runway expansion. CMT included inspection and quality control. Performed soils testing for embankment, subgrade, base course and drainage components; concrete monitoring and testing; asphalt monitoring and testing; and vibration monitoring services. Estimated 140 days for sampling and field testing of the earthwork components.

***Terminal 1 & 4 Expansion at FLL** Field and Laboratory Testing Technician for soil and construction materials testing on the materials being delivered for the construction of the runway expansion. CMT included inspection and quality control. Performed soils testing for embankment, subgrade, base course and drainage components; concrete monitoring and testing; asphalt monitoring and testing; vibration monitoring services, and asphalt inspection.

**Prior to joining Nova*



Oswaldo "Ossie" Larrazabal, P.E.
Sr. Project Engineer / Quality Assurance

Experience

16+ Years Total

Education

BS Civil Engineering
UNEFA (Venezuela) 2000

Availability September 2020

Certifications

Professional Engineer:
State of Florida # 63995
CTQP
TIN L621650774490
-QC Manager
-Bridge Coating Inspector
Level 1 (SSPC)
-FDOT Critical Structures
-Qualified Grouting
Technician (ASBI)
-,New Direction for Florida
Post-Tensioning Bridges
-Grouting of Bridge Post-
Tensioned Tendons
- Surface Moisture
- Nuclear Safety and
Hazmat
- Advanced MOT Work
Zone Traffic Control

Mr. Larrazabal has over 16 years of experience in bridge and roadway and CEI Projects. He started as a regular inspector and has been promoted all the way to lead several teams as Sr. Project Engineer. He has successfully completed high profile projects in Districts 4 and 6 with considerable amount of new bridge construction and rehabilitation projects as well as full roadway re-construction and 3R projects. His experience includes bridge structural design, specialty inspection of steel, precast and segmental bridges including but not limited to structural components installation, full coating system removal and replacement and expansion joint replacement as well as drainage, signal, lighting, earthwork, asphalt and concrete placement for roadway projects.

January 2019 to Present, District 6, FIN# 430637-1/3-62-01, SR 847/NW 47th Avenue from SR 860/NW 183rd Street to Premier Parkway (Broward)

This project includes two separate contracts: The South Project (430637-1) includes the installation of a new 16" water main, 8" sanitary gravity sewer and an 8" wastewater force main under a JPA with MD-WASD. The North Project (430637-3) is a complete reconstruction of SR-847/NW 47th Ave from north of NW 199th Street to Premier Parkway, and includes bridge widening over Snake Creek canal, the continuation of the new 16" water main installed by the South Project and installation a new 16" water main subaqueous crossing of the Snake Creek by horizontal drilling, pipe and exfiltration trench drainage system, street lighting, transit and landscape features. Also, intersection improvements throughout the project limits, pedestrian crossing, signals, ADA ramps; expansion of all major intersections. Removal of the Carol City Canal Bridge and addition of a new box culvert on its place, the Snake Creek Canal Bridge will be widened. Ossie is the Sr. Project Engineer on this very challenging urban project.

Reference: FDOT PM John Garzia, P.E. / 305-640-7439

Sr. Project Engineer, District 6, FIN # 24961435201 SR 997 / Krome Ave.; from Kendall Drive to SW 8 ST., 2/2015 to December 2018: This \$60 million job is the largest project within all of the multiple segments within Krome Ave. The total length of the project is about 6 miles and it includes full reconstruction and new construction along Krome Ave. as well as Tamiami Trail (SW 8 ST). The scope of work is to widen the Krome corridor from an undivided 2 lane road to a 4-lane divided facility (2 lanes each way) and a 40' median as well as a multi-use shared path. The list of activities includes both major roadway and structural components such as: C-4 channel excavation, installation of over 370 new drainage structures, 15,000+ linear feet of French drain, 17,000+ linear feet of solid pipe construction, reconstruction of 2 intersections, new signal and lighting systems with over 260 new light poles

and 9 mast arms, 700,000+ CY of surcharge, over 1.1 million CY of embankment, settlement monitoring efforts, geogrid installation, full pavement reconstruction, Concrete pavement placement at the Kendall intersection, installation of over 750 LF of pre-stressed concrete piles, 0.5+ miles of bulkhead canal wall, partial demolition and widening of existing bridge over the C-4 canal. The Bridge deck will be cast in place with an overlay for slope correction. Ossie serves as Sr. Project Engineer in charge of supervising the entire CEI team and overall inspection of all project activities for roadway construction and bridge widening.

Reference: FDOT PM Jackie Sequeira, PE 305-640-7432.

Sr. Project Engineer, FDOT District 6, SR 823 (Red Road / NW 57th Ave.) grouping from W 23 ST to W 54 St., 9/12 – 1/16: This \$38 million grouping was made up of two back to back full reconstruction jobs located within the City of Hialeah. The main scope of work for this project was to widen Red Road from a four-lane undivided road to a six-lane divided roadway and install a bulkhead wall system along the east face of the Red Road Canal. The list of activities included both major roadway and structural components such as: Red Road channel excavation and reshape (over 2 miles), installation of over 300 new drainage structures, 3,000+ linear feet of French drain, installation of 84" dual culverts at every intersection, reconstruction of 8 intersections, new signal and lighting systems, over 30 drill shafts and mast arms, geogrid installation, full pavement reconstruction and landscape activities; installation of over 1150 pres-stressed concrete piles, 8500 linear feet of bulkhead cap and concrete traffic railing construction, 499,000+ square feet of critical sheet piling installation, 10,000+ Tons of rip-rap rubble placement; 700+ CY of Sand Cement retaining wall construction, full rehabilitation and widening of existing Sonovoid bridge at W 53 ST requiring internal video inspection of existing bridge tendons and installation of the new bridge post tensioning system, its anchor plates, and grouting of installed tendons; the widen sub and super structure was composed of concrete piles, bents, specialty precast cambered concrete slabs set on neoprene bearing pads with special dowels and couplers adjacent to the closure pour side and keyway grout pour closures between precast units. The Bridge deck was constructed using a specially designed overlay concrete detail which included Developmental Specifications. There

Oswaldo "Ossie" Larrazabal, P.E.



is a total of 3 JPA's executed agreements within this contract. Two of them are Miami Dade WASD JPAs for the installation of 36" and 54" water mains subaqueous canal crossings. The third JPA is with the City of Hialeah to install multiple water mains of up to 24" in diameter and a 16" Force Main. Ossie is very proud of the Two Davis Productivity Awards won on this grouping for being able to save the department over \$3M on Cost Savings Initiatives (CSI). Ossie served as Sr. Project Engineer in charge of supervising the entire CEI team and overall inspection of all project activities for roadway and bridge widening.

Reference: FDOT PM Amanda Shotton, P.E. 786-350-0445 / Ivan Hay, P.E. 305-986-2575

Quality Assurance / Corporate representative, FDOT D4 PBOPS / CR-812 Lantana Rd. from Sunset Rd to Signal East, FIN#: 42919816201 (7/2013-1/2015). This was a \$6 Million RRR Project for the exit ramps and overpass bridge that spans across I-95 and a railroad. Scope consisted of bridge traffic railing retrofit for the overpass with ramp deck and roadway widening. Work included asbestos abatement, demolition, pile foundation, bridge concrete substructure, Florida I-beam superstructure and MSE walls. It also included roadway ramp widening construction, milling and resurfacing, lighting, signalization, signs, drainage, curbs, guardrails and pavement makings. Ossie performed QA reviews frequently and provided recommendation on project issues.

Reference: FDOT PM Rob Cables (561) 719-7799 / Matt Carlock, PE 561-531-8861

Sr. Project Engineer, FDOT District 4 BOPS, SR 834 (Sample Road) / SR 7 (US 441) / SR 814 (Atlantic) Grouping, 1/11 – 9/12:

This \$10 million grouping consisted of three RRR jobs located in the municipalities of Margate, Coconut Creek, Coral Springs and Pompano Beach. The main purpose of this RRR project grouping was to improve the traffic operations and safety conditions for the Sample Road / SR-7 / Atlantic Blvd corridors. The scope of the projects included milling and resurfacing, widening, major signalization and lighting improvements including but not limited to over 20 drill shafts and mast arms and over 32 new light pole systems, gravity wall construction with aluminum railing (over 1050 linear feet), installation of 6 highway cantilever signs, over 1000 linear feet of bridge fence installation, special bridge mounted illuminated sign (retrofit installation with special anchors attached to the existing AASHTO beams), landscape and irrigation installation and ADA upgrades. This project also included performing harmonization activities within the private Right of way for the Seminole Casino which entail the milling and resurfacing the road used for their main entrance, this scope of work was achieved without affecting the casino's operation even though they are open 24 hours a day, every day. Oswaldo served as Sr. Project Engineer in charge of supervising the entire CEI team and overall inspection of all project activities for roadway construction.

Reference: FDOT PM Roxanne Riggs, P.E. 954-774-0696

Sr. Project Engineer, FDOT District 4 BOPS: SR I-75 Interchange Bridges (10 Bridges) & SR-838/Sunrise Blvd Bridge, 10/09 to 12/10:

Contract consisted of deck repair and epoxy overlay of ten concrete box girder segmental bridges at the I-75 / I-595 Sawgrass Expressway Interchange and Sunrise Blvd. Bascule Bridge rehab over the Intracoastal Waterway. The scope of work included the recoating of the structural steel of a bascule bridge over the Intracoastal Waterway and Bridge deck repairs on I-75 consisting of cleaning, sealing and injecting epoxy into segment joints, removing expansion joint devices and replacing with a type 2 Polymer (two component epoxy mortar), and applying epoxy overlay on the entire roadway deck of all ten bridges, and documentation acceptance bond strength testing. The traffic was controlled with staged work activities and partial lane shifts allowing the continuous flow of vehicles through the work areas. Oswaldo served as Sr. Project Engineer in charge of supervising the entire CEI team and overall inspection of all project activities for bridge rehabilitation. **Reference: FDOT PM: Eghbal "Jay" Jalali 954-290-4261**

Project Engineer, FDOT District 4 BOPS: SR 834 Sample Road from Rock Island to SR 441, 1/09 – 12/09. The scope of work for this project included: widening, milling and resurfacing, incorporation of new turn lanes, access management improvements, construction of retaining walls, replacement and upgrading of existing signing and pavement markings, signalization and lighting, well point construction and landscape and irrigation installation. Oswaldo served as Project Engineer in charge of supervising the entire CEI team and overall inspection of all project activities for roadway construction. **Reference: FDOT Project Manager no longer works with the department, please contact D4 CEI Manager Jeannette Harris 954-777-4382**

Project Administrator / C.S.S, FDOT District 4 BOPS: US1 to Cambridge Ocean Drive (SRA1A) from Cambridge to Sheridan St, 1/08 – 1/09. This project grouping involved the widening, reconstruction, milling & resurfacing, drainage, lighting, signalization, and landscaping. Oswaldo provided the department with an excellent service and multitasking skills by performing a dual role in this project. **Reference: FDOT Project Manager no longer works with the department, please contact D4 CEI Manager Jeannette Harris 954-777-4382**

Area Project Engineer, FDOT District 6 Residency Contract, - 12/04–1/08. The contract consisted of various simultaneous transportation types of projects throughout Miami-Dade County. The Projects ranged from traffic signal and lighting installation, roadway widening, milling and resurfacing and intersections modification, irrigation and landscape installation to storm sewer drainage installation. Ossie completed over 30 projects during this period in the residence and was in charge of up to 8 projects at the same time. Mr. Larrazabal's responsibilities included performing project coordination and staff and project activities supervision from the pre-construction phase to final acceptance. **Reference: FDOT Project Manager: Ivan Hay, P.E. 305-986-2575**



Diego Clavijo, PMP, PSP
Project Controls Lead



Education

- › M.S., Construction Management, Florida International University, 1996
- › M.B.A., Business Administration, Instituto de Alta Direccion Empresarial, 1993
- › B.S., Mechanical Engineering, Universidad de los Andes, 1987

Certifications

- › Project Management Professional (PMP), Project Management Institute (PMI), 55782, 2002
- › Planning & Scheduling Professional (PSP), Association for the Advancement of Cost Engineering International (AACEI), Certificate No. 22746, 2012

Professional affiliations

- › Project Management Institute

Diego Clavijo has 30 years of experience in project management, program management, project controls, construction administration, and construction claims/litigation. For the past 17 years, he has successfully managed professional services teams and contracts in support of capital improvement programs with multiple public entities such as: City of Miami, Miami-Dade County Public Schools, School Board of Broward County, Florida Department of Transportation, District Four and Miami-Dade Water & Sewer. Mr. Clavijo has experience in, and a thorough understanding of, processes and tools related to the successful delivery of CIPs including work program scheduling and programming, program management, project controls, project portfolio analysis, funding allocation, risk analysis, databases integration, and web reporting. He has also participated in construction litigation cases as an expert consultant in the areas of Critical Path Method (CPM) delay analysis and damages calculation.

Mr. Clavijo's project experience includes:

Capital Program Support Services (CPSS) for the CIP, City of Miami, FL.

Officer-in-charge and program coordinator for the Atkins' multidisciplinary team that supports the City's CIP executives and project managers in the delivery of its multiyear capital plan encompassing more than 300 projects valued over \$550 million. Coordinated and oversaw the execution of more than 140 work orders to provide that acting as City's extension of staff provide support in the areas of cost estimating, capital program scheduling, job order contracting management (JOC), construction scheduling, capital projects budgeting, and design management for vertical and horizontal projects. He has also overseen and in some instance been the technical lead for specialty services for tasks such as forensic investigation, CIP processes and procedures manual, project portfolio analysis, constructability reviews, value engineering and claims analysis.

Professional Cost Estimating and Scheduling Services, Miami-Dade

Water & Sewer, FL. Project manager for the Task Authorization No. 1 consisting of the development of the Overall Program Schedule (OPS) in Primavera Scheduling platform for WASD's \$13 billion multi-year capital program. Managed an on-site team of project controls professionals in the areas of program scheduling, cost estimating, cost engineering, and computer programming. Responsibilities included client's point of contact; overseeing the work efforts of technical staff; communication and coordination with client's planning, engineering, construction and financial divisions; quality assurance

of deliverables; and performing contract administration duties invoicing and progress reporting. Notable efforts included the development of cost loaded schedules in Primavera P6 for over 600 projects to forecast the multiyear capital program cash flow expenditures, and the development of a prioritization criteria.

General Consultant Districtwide Scheduling and Support Services, FDOT, Fort Lauderdale, FL.

Project manager for the joint Atkins/FDOT scheduling and support services team, where he is in charge of contract management, staffing, and coordinating and executing work orders. For the past 10 years, Atkins has assisted FDOT's Program Management Office with production management processes for the 5-Year Work Program. As an extension of FDOT staff, Atkins has provided on-site and off-site support services consisting of program management scheduling, website development, database administration and development, and GIS development and maintenance. We also provide support in areas of contract administration, Local Agency Program (LAP) support, intelligent transportation systems (ITS), and risk analysis. Using state-of-the-art scheduling software, Primavera P6, Atkins program controls professionals developed and implemented the District's work program schedule, which is being used to track more than 400 projects in the FDOT 5-Year Program. Atkins has a group of eight full-time program controls and software programming professionals assisting the District in the delivery, control, and reporting of its work program.

Construction Claim Analysis, Pinellas Suncoast Transit Authority, Pinellas County, FL.

Construction claims expert who worked with Atkins' forensic team in the preparation of a detailed cost estimate to establish construction damages of \$5.2 million for the removal and replacement of the failing pavement. Also prepared a CPM schedule in Primavera to establish the project sequencing and construction project duration of 18 months. This case was settled in favor of the plaintiff prior to trial. Atkins was retained by Pinellas

Suncoast Transit Authority (PSTA), plaintiff, to provide mediation and litigation support in a case related to concrete pavement failure at PSTA's new bus facility. This project consisted of reconstruction of 539,000 square feet of Portland cement pavements, security upgrades, and related work (drainage structures, curbs, and lighting).

Cost Estimating and Scheduling Services, Florida International University, Miami, FL.

Project manager for this cost estimating and scheduling contract in support of the university's Facilities Management Department. Support tasks performed under this contract included forensic investigation of curtainwall systems at the Recreation Center, conceptual cost estimate for underground utilities in preparation for the University's 5- and 10-year work program for expansion of the Medical Campus, and cost estimating for final guaranteed maximum price (GMP) negotiations for the Health Network Center at PG5.

M-DCPS Claims Consulting Services, Miami-Dade County, FL.

Senior claims consultant providing claims consulting services to M-DCPS for multiple school construction projects. Work included change orders review, time impact analysis, errors and omissions assessments, contract compliance analysis, and claims negotiations support. Also provided expert analysis of construction claims and has worked with M-DCPS CIP staff and Office of Capital Construction Compliance and the Board Attorney's Office as well as outside counsel to successfully defend contractor and surety claims against M-DCPS. Performed detailed cost/damages analysis, critical path method (CPM) schedule analysis, and construction deficiencies analysis and has provided litigation support in arbitrations, mediations, and trials. Claims tasks included contractor's request for equitable adjustments, contractor's delay claims, contractor's change orders reviews due to change in scope and/or unforeseen conditions, contractor's request for escalation costs, and contractor's claim for wrongful termination, among others. Claims experience includes such delivery methods as design-bid-build, design-build, and CMAR ranging from \$50,000 to \$8 million.



Beth Zsoka

Community Outreach Specialist

Experience – (12) Years

Beth Zsoka is an experienced public involvement / information professional who serves public-sector clients throughout Florida and the United States. With an in-depth knowledge of the transportation industry, she excels in public involvement / information, market research, consensus building and community outreach. Ms. Zsoka is skilled at identifying potential issues and working with her clients to find workable solutions. She has strong writing, event planning and communication skills. Her background includes developing and implementing effective surveys; communicating and educating the public about project concerns; forming and managing effective working groups and task teams; and hosting successful events, meetings and workshops.

As a Business Unit Manager for QCA, Ms. Zsoka is responsible for client relations, project management, product and project delivery and Quality Assurance / Quality Control. A Southeast Florida resident, she has served on several projects in the area from transit and aviation to traditional road and bridge projects. She is a senior public involvement specialist with extensive experience in market research and community outreach efforts. She has well-established positive relationships with area stakeholders, elected officials and government agencies and first-hand knowledge of the communities that comprise South Florida.

RELEVANT PROJECT EXPERIENCE

FDOT District Four, University Drive Design Project from Sample Road to the Sawgrass Expressway

Coral Springs, FL (2015 – Present)

Ms. Zsoka leads public involvement activities on this design project in Broward County. She works closely with the project team and key stakeholders to plan and coordinate public involvement activities. She is working closely with the City of Coral Springs, homeowner associations along the corridor and the diverse community to inform them about the project and the future design activities and impacts.

FDOT District Four NW 19th Street Design Project

Fort Lauderdale, FL (2016-2017)

Ms. Zsoka led the community outreach efforts for the improvements to the FDOT NW 19th Street project. The design project includes four foot bike lanes throughout the project limits with lane reductions. Ms. Zsoka organized the public meeting and was instrumental in informing the community stakeholders of the potential changes for the design. Ms. Zsoka worked closely with the agencies for this project as it stretches through several municipalities.

FDOT District Four, SR 84 / I-595 and NW 136th Avenue Design Project

Broward County, FL (2017)

Ms. Zsoka developed the Community Awareness Plan for the design of SR 84 and NW 136 Avenue. The project entailed adding right and left turn lanes and repairing and widening bridges over the North New River Canal at the SR 84 / I595 Interchange, a congested interchange centralized where the cities of Sunrise, Plantation and Davie meet in Broward County. Ms. Zsoka laid out the plan for engaging and reaching out to elected officials, affected property owners and tenants on this project which will improve operations and safety in the area. Ms. Zsoka supported with community outreach and facilitated the public involvement meeting.

City of Port St. Lucie Crosstown Parkway Design-Build Port St. Lucie

City of Port St. Lucie (2014-Present)

Ms. Zsoka serves as the project public involvement and information officer for the City's Crosstown Parkway Extension Design/Build Project. The Extension will provide a new bridge crossing over the North Fork of the St. Lucie River in the City of Port St. Lucie, connecting the existing Crosstown Parkway from Manth Lane to U.S. 1. Ms. Zsoka works closely with the project team and City to communicate project information to the residents and businesses of Port St. Lucie. Ms. Zsoka coordinates closures and impacts from utilities. She led several educational outreach programs including educating the community and emergency responders on the first ever Superstreet Intersection Design. Ms. Zsoka created and helps maintain the project specific website, www.crosstownextension.com. Other activities included: maintaining a 24-hour hotline, media relations, hosting public meetings and special events, coordination with the local community and community groups.

FDOT District Four, Indian Street / Veterans Memorial Bridge Design-Build Project

Martin County, FL (2009 – 2014)

Ms. Zsoka served as the public information officer for the Florida Department of Transportation's (FDOT) controversial Indian Street Bridge project connecting Palm City with the City of Stuart. This Design / Build project involved providing a new bridge crossing of the

South Fork of the St. Lucie River in Martin County. Ms. Zsoka served as a liaison between state and county government; the community and local media as well as handled all citizen inquiries and complaints. She worked with the local project team, local businesses and Martin County to keep them informed of construction activities. She maintained and updated the project website (www.indianstreetbridge.com) and produced project collaterals including newsletters and other deliverables throughout the community. Throughout the project, Ms. Zsoka planned and implemented several public meetings and a local job fair. She prepared and presented to the MPO, Kiwanis Club, Chambers of Commerce, Martin County High School, and more. Ms. Zsoka also provided tours and information for Congressman Murphy and staff, Martin County Commissioners, City and County staff, community groups and more. Ms. Zsoka worked closely with local law enforcement and local agencies for traffic safety throughout construction. Ms. Zsoka worked closely with the Department, project team, Martin County and key members of the community to host a bridge celebration event to include a 5K Run, Ribbon Cutting Ceremony, speeches by elected officials and dignitaries as well as a boat and car parade.

City of Tampa, Utilities Capital Improvement Project (UCAP)

Tampa, FL (2008 – 2009)

Ms. Zsoka was responsible for staffing the project 24-hour call center as well as supporting community outreach and public involvement initiatives. She was tasked with communicating the city's message to impacted residents, resolving issues as they occurred and identifying potential community issues. She created and maintained the project database and coordinated with project team members. Ms. Zsoka was responsible for educating the community about the multiple utility service improvements in neighborhoods city-wide for existing customers. The project included installation of a new water transmission line, replacement of numerous water distribution lines, storm water and transportation improvements.

FDOT District Four, SR 7 Design Project

Palm Beach County, FL (2012 – 2017)

Ms. Zsoka led the public involvement efforts on this controversial design project in Palm Beach County. Ms. Zsoka facilitated a public information meeting for hundreds of concerned residents. Ms. Zsoka worked to engage stakeholders for this project that calls for extending SR 7 from Okeechobee Boulevard to Palm Beach Lakes Boulevard through environmentally sensitive wet lands and residential communities. Ms. Zsoka facilitated meetings and met with key homeowner associations and groups regarding the project.

FDOT District Four, SR A1A Restoration Design Project

Indian River County, FL (2017-2018)

Ms. Zsoka led the public involvement efforts for this project in Indian River County which includes the restoration and resurfacing of SR A1A from about 4.83 miles north of the Wabasso Causeway Bridge to 1.29 miles south of the Sebastian Inlet. Ms. Zsoka supported in preparing and implementing a community awareness plan for the project. Ms. Zsoka worked closely with the team to identify the key stakeholders and identify some key concerns up front. Ms. Zsoka worked to do a distribution and mailing to affected stakeholders, facilitating one on one meetings to ask preferences about access to docks along the project.

FDOT District Four, I-95 Widening Design/Build Project

Indian River County, FL (2013 – 2014)

Ms. Zsoka served as the public information officer for the Florida Department of Transportation (FDOT) Interstate 95 widening project from north of SR 60 to the Indian River / Brevard County line in Indian River County. Ms. Zsoka was responsible for producing and distributing timely project information to keep the media, public and business community informed. She worked closely with the project team on anticipating community concerns. She distributed weekly traffic reports, maintained a project database as well as coordinated with the Florida Highway Patrol on accidents throughout the project and the hire back program. Ms. Zsoka addressed public concerns in a timely manner and coordinated closely with residents at Encore Sunshine RV Resort regarding sound wall construction activities and drainage concerns. She helped organize public meetings and presentations for community groups and the MPO. Ms. Zsoka regularly attended the Community Traffic Safety Team (CTST) and the Traffic Incident Management (TIM) Team meetings to provide project updates and answer project concerns.

EDUCATION

- B.S., Communication Arts, cum laude, Public Relations, Georgia Southern University

PROFESSIONAL DEVELOPMENT

- Public Involvement Training, FDOT and National Transportation Industry
- Media Training, Up Front Communications
- PD&E Training, FDOT
- LAP Training, FDOT

2. Project Approach

Understanding of Project Scope

For the Atkins team, serving Broward County through this continued services contract involves performing as a one-stop solutions provider that can provide a host of services based on the County's needs. We are experienced in providing multi-discipline services under one contract umbrella and managing internal and subconsultant teams to seamlessly deliver assigned projects. Atkins sees our team as an extension of Broward County staff, and as such, we will work in close communication with County assigned project managers to deliver our work. When we refer to solutions, we mean that we value input from the County and will incorporate your priorities, highlighting schedules and budgets, into our program management's own priorities.

We expect to work concurrently on multiple task orders entailing similar, or completely different types of projects. Our assignments will also occur in different stages, ranging from planning and scoping phases, through construction. We also expect that task orders will be of high priority and requested with an accelerated delivery schedule. Typical challenges we will face include maintaining a stable and available team familiar with Broward County projects, coordination amongst internal project teams that will include subconsultants, and maintaining on schedule as we deliver our projects.

Our key approach to effectively manage these scenarios will be to implement a program management organization structure (PMOS), depicted in **Figure 1** on the following page. The key benefit of this approach is the scalability of our program team in response to work type and volume. Under the direction of the project manager, teams are led at the project level by a project lead (PL), and advised by the discipline lead (DL). As the PL focuses in production, the DL advises the team in the specific areas of the project, for example: roadway design, traffic engineering, or construction management, to mention a few. More, or less DLs will be required in a project, depending on the scope. Each project will have a PL, and depending on project size, each PL can handle more than one project. As we are assigned more projects, and according to their scope and size, our technical resources will be adjusted, as well as the number of PLs and DLs.

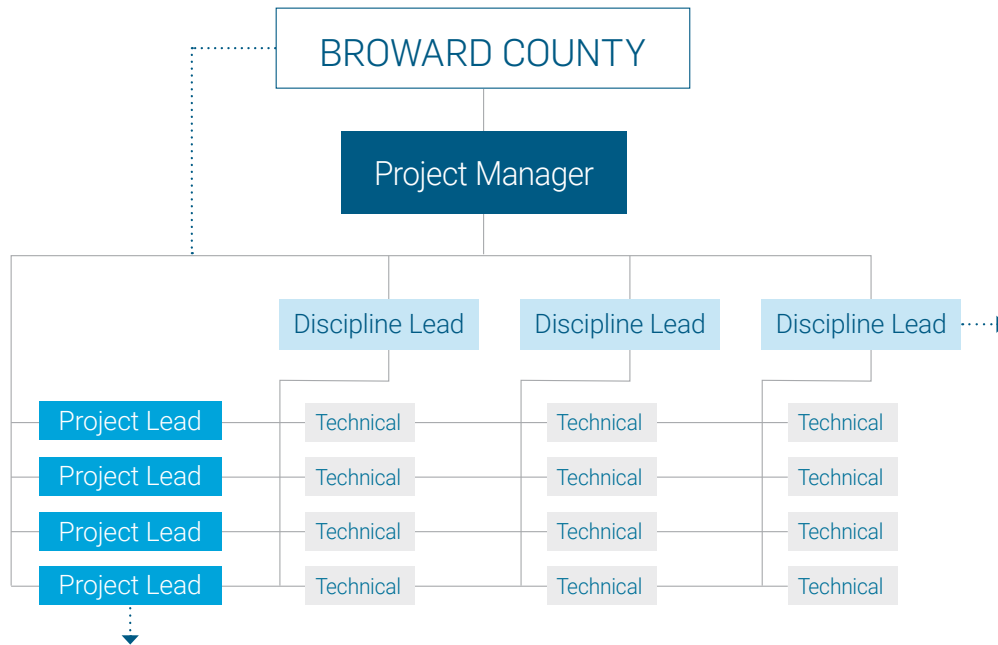


Figure 1. Our program management organization structure is scalable to meet the County's needs.

Communication is key to management of our subconsultants. They will be involved in our project since inception, providing input through project scopes. Schedules and objectives of the projects will be made clear to them, and our Project Manager will discuss regularly about their status, performance and capacity. The services that Atkins will rely on subconsultants to complete include electrical and lighting, roadway design, signing and pavement marking, drainage design and permitting, civil engineering and utility design, structures, survey and ROW mapping, geotechnical and materials testing, subsurface utilities engineering, construction management and inspection, and public involvement.

Supporting the success of the Broward’s Penny for Transportation program is one of our priorities, understanding that efficient and effective project delivery is essential to earn the trust and support of all stakeholders. We expect our projects will be affected by external factors and other agencies policies and decisions, therefore we will be in direct communication with the County to support. Our project manager will meet in person with County project managers at least once a month, or as project successful delivery requires.



Approach and Understanding of Engineering Services

The Atkins team proposed meets and exceeds the FDOT Work Groups required in the RFP, as shown in Table 2. We also understand that while providing main discipline services, support services and technical studies are required. As such, we are resourced to provide geotechnical engineering and materials testing, subsurface utility engineering and utilities coordination, surveying, traffic data collection, permitting, plans review, and public involvement activities. Furthermore, our construction management and inspection teams are complemented by services including value engineering analysis, claims analysis, scheduling, and construction estimate services.

Our projects' scope of services will be prepared in accordance with Broward County requirements. The work tasks will refer to applicable design or reference manuals that are necessary to define the requirements of each project. It is typical for Broward County projects to adhere to all applicable FDOT and Federal Highway Administration (FHWA) manuals and guidelines, as well as other standards and manuals necessary on a case by case basis. The FDOT Green Book and Design Manual will be the guideline for the preparation and submittal of documents.

The initial phase of every project will be the scope preparation effort. Through this exercise, our engineers will be responsible for preparing a detailed scope of services that will define the project objectives, known conditions, expected technical and design effort and services during the construction phase. Part of our responsibility is to familiarize with the status of the work authorization and understand existing site conditions, contract requirements, deliverables, and commitments regarding schedule. Once the County and Atkins reach an agreement on the project scope, we will begin negotiations to define the project fee for each authorization. An important consideration during the scope development phase is to integrate the latest climate change and sea level rise policy. Broward County has recently adopted future conditions flood maps and future groundwater models. These are now used when considering development and infrastructure projects. We will ensure that drainage, roadway elevations, signaling controls, and related electronics are designed to

withstand the expected effects of climate change and sea level rise.

On all projects, the County will receive complete technical scope of services, fee proposal detailed by task and effort, and delivery schedules. Our project delivery schedules will consider realistic timeframes to complete each task and projections based on experience of functions depending in third-party approvals and coordination, such as permitting.

As an example of a possible project under this contract, we discuss our approach to the hypothetical traffic network communications implementation presented in the solicitation. Our team is experienced in the three areas defined and our approach to provide services accordingly are as follows:

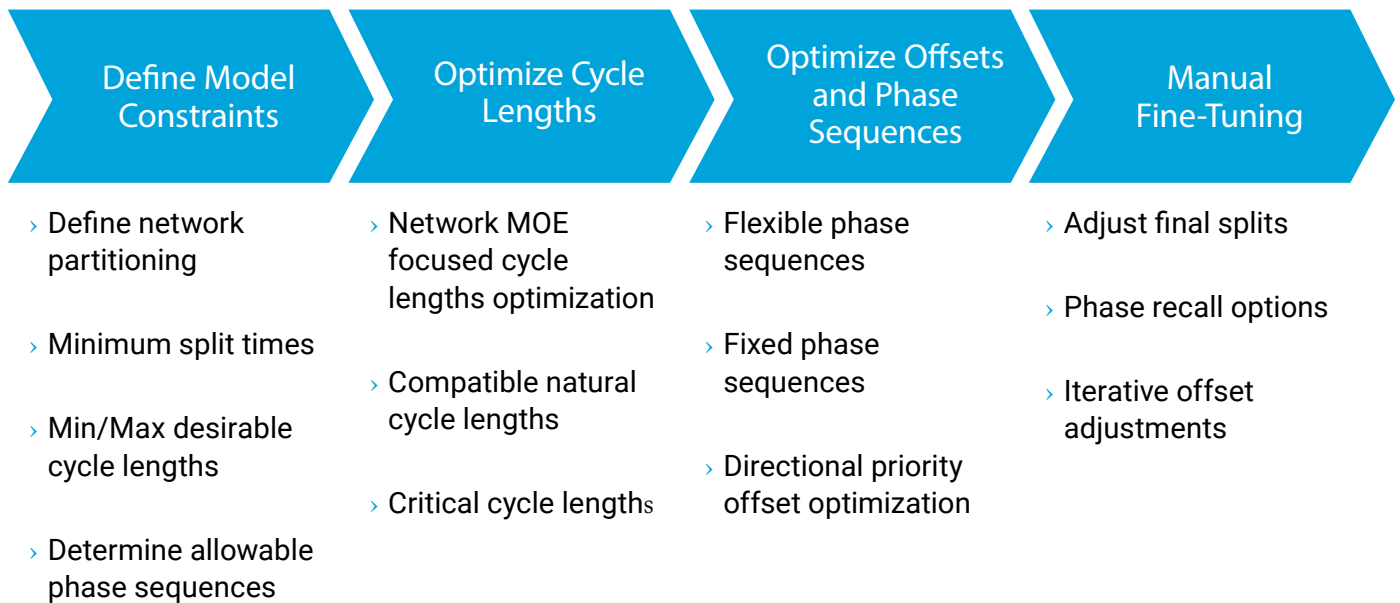
- 1. Field traffic signal controller firmware implementation, operation, updates, and verification.** The Atkins team has unparalleled technical expertise in operating, modifying, and updating various traffic signal controller firmware, including hardware and firmware used by Broward County (NAZTEC 2070 firmware). Our team includes IMSA certified professionals, including IMSA level 3 and 7 level II members. We have intimate knowledge of traffic signal controller operations, troubleshooting, and coordination with County agencies to determine the appropriate modifications to meet your needs, such as firmware updates, database conversion, signal standard operation procedures (SOP) development, and state-of-the-art signal control technology applications (i.e., connected/autonomous vehicles, ATSPM). Atkins staff have conducted this type of work for various clients and traffic controllers. Most recently, we assisted Miami-Dade County deploy Econolite 2070 controllers with ASC/3 firmware converting from the legacy type 170 controllers at 300 intersections. One member of our team, Carlton Copeland, IMSA III FIE, was the Traffic Signal Supervisor for City of Jacksonville and has over 35 years of experience in maintaining and operating NAZTEC controllers and ATMS.now central software. His hands-on

experience and in-depth knowledge of NAZTEC controllers will be highly beneficial to this project. Additional experience is highlighted below:

Project/Firm	Signal Controller Firmware	Description
FDOT District 5 Active Arterial Management Operations/Atkins	NAZTEC, Siemens, Econolite	Signal SOP development, operation, troubleshooting
City of Orlando and Osceola County Signal Controller Upgrades/Atkins	NAZTEC ATC, Econolite ASC/3	Database conversion, new database deployment
Miami-Dade Traffic Signal System Modernization/Atkins, FIE	Econolite 2070	Database conversion, signal SOP development, new database deployment
City of Jacksonville ATMS Operations/FIE	NAZTEC	Firmware update, operation, implementation, signal SOP development,
Georgia DOT Signal System Upgrade/FIE	Intelight ATC, Siemens	Firmware update, operation, implementation, signal SOP development

- 2. Communications equipment setup, testing, and field deployment and troubleshooting for fiber optics and cellular devices.** Atkins' staff are very familiar with the work required to install and configure traffic communication devices, including single mode or multi-mode fiber optic cable, serial and ethernet wireless devices, all levels of ethernet switches and 4G/LTE cellular modems. Atkins currently is bench testing devices for the D2 FRAME project in Alachua County, and the FDOT District Five Connected Vehicle Pedsafe/Greenway project. Atkins currently holds the FDOT Telecommunication GEC contract and Atkins has previously maintained the testing contract for FDOT's statewide Traffic Engineering Research Laboratory (TERL) in Tallahassee. We anticipate taking the following approach:
- Work with Broward County's IT staff to obtain existing communication architecture and network configuration information such as firewall settings, IP addresses, gateway, subnets, multi-casting requirements, access point names (APNs), and other necessary settings
 - Coordinate with FDOT, if necessary, to obtain their fiber network and wireless communication information if the task work order engages devices located on state highways. By determining FDOT communication device functionality, we will ensure no impact to FDOT's existing network
 - Develop an updated countywide or corridorwide communication architecture based upon new communication equipment with network settings and submit the updated communication architecture to the stakeholders for review
 - Assign qualified staff/technicians to configure fiber optics or cellular devices in accordance with the approved communication architecture
 - Perform the bench test of configured communication equipment in our Traffic Engineering Lab in our Ft. Lauderdale office to ensure the equipment is working as planned
 - Install equipment in the field and monitor from the County's Traffic Management Center (TMC) before the acceptance test. If any communication failure is found, our technicians will troubleshoot the corresponding devices using networking tools such as OTDR, Cable Tester, or troubleshooting tools provided by cellular service providers.

3. Signal timing methods and procedures. Signal re-timing and coordination has proven to be one of the most cost-effective methods to reduce traffic delay and improve safety along arterials. Atkins has performed several signal timing projects representing single intersection locations, coordinated arterials, ramp interchanges, and adaptive signal systems. Typical analysis of traffic operations is conducted using Synchro traffic deterministic software which utilizes the Highway Capacity Manual 6th edition methodology to calculate performance measures including intersection Level of Service (LOS), signal delay, and network level Measures of Effectiveness (MOEs). SimTraffic simulation software is also used to analyze network MOE's, which uses micro-simulation to model individual vehicle movements and an array of driving parameters simulating traffic conditions that closely emulate observed conditions. In many locations with existing five-section protected-permissive left turn locations we also look into incorporating the use of flashing yellow left-turn arrows to improve the safety and performance of the arterials. We also offer before/after analysis, in order to get the most benefit from your signal re-timing efforts.



We can develop web-based databases or formatted performance measure reporting dashboards to help you tell your story as you improve traffic flow in your communities.

Atkins also has an exclusive business arrangements with the traffic data services company wejo. With this arrangement you have access to a ever growing database of vehicle sensor data directly from automobile manufacturers. Access to this information can give Broward county unprecedented real-time traffic information that will allow you to make better use of program funds and better track accidents, congestion, and weather related events.



Recent signal re-timing efforts the Atkins team has completed are listed below.

Project/Firm	Number of Intersections Included
FDOT District 5 TSM&O Continuing Service/Atkins	220
City of Orlando and Osceola County Signal Controller Upgrades/Atkins	500
Miami-Dade Traffic Signal System Modernization/ Atkins, FIE	300
City of Jacksonville ATMS Operations/FIE	1100
FDOT D7 Arterial Performance Monitoring Program/Atkins	400

Our commitment to quality

A key component in Atkins' ability to deliver projects on time and on budget is the strict adherence to our Quality and Technical Assurance Manual (QTAM). Our quality manager, Paul Mannix, PE, PTOE, will be our advocate for quality on this contract. He will ensure that following our corporate policy, every project deliverable prepared by Atkins undergoes an independent quality control review to assure that the product is prepared in accordance with accepted standards of professional practice and in accordance with the requirements of our client contract. Quality work products are more likely to be achieved with quality management practices. Atkins' QA/QC program sets forth the minimum standards for QC to be applied on projects by all services. Included are the following essential components:

- > A project control plan (PCP) is written as the first activity for any assigned project
- > Among the required elements of the PCP is a QC plan, either embedded in the PCP or as a stand-alone document
- > A kickoff meeting is held before work can begin on each task assignment. The PCP is communicated to the project team at this meeting.

Our QC process uses the Atkins' five-step quality control review procedure. Atkins' QA/QC plan is designed to provide senior-level technical guidance throughout the duration of a project and promotes continuous enhancement in all of Atkins' processes, services, and deliverables. We strive to make it easy for our clients to select/reselect us by producing consistently excellent work. Atkins is committed to excellence in delivery and maintains a "do it right the first time" culture of quality as a core value in our everyday practice. We manage quality throughout the delivery process to identify and address any quality issues. Prior to submittal to the County, all deliverables will go through a QC review conducted by a second set of independent qualified eyes for completeness, accuracy, coordination, and compliance with project requirements. By planning for quality and conducting QC reviews, we are able to do it right the first time, ultimately saving time and resources. Another way Atkins manages quality is to identify contract requirements at the onset of the project and track exactly how we anticipate meeting each deliverable, helping ensure the County is receiving a final deliverable that meets or exceeds your expectations.



(1) Originator and lead technical professional can be the same person.

Approach to Alternative Analysis and Design

The Atkins team prides itself on developing innovative transportation solutions that focus on safety and congestion mitigation that is cost effective for our clients and the public. As construction costs and agency funding continues to diverge, it is never more important for Broward County to select a firm that has a depth of knowledge of the area and the breadth of experience in multiple disciplines to help you find the right solutions for your transportation needs. Utilizing the most accurate traffic data, digital traffic modeling software and lessons learned from previous projects both in Florida and throughout the nation, Atkins brings proven successful design processes to your disposal using objective statistical rankings to find the best solution with the best return on investment.

We know by experience that the best design solutions only occur when all stakeholders are considered. Communication and consideration of all issues and needs is the key focus for Atkins when evaluating design improvements. All users of the traffic corridor must be considered, focusing on a design that is context sensitive to the long-term plans and goals of the community. Atkins has a long history of using complete streets solutions to improve traffic flow along corridors for commercial and business districts to provide safer neighborhoods. Recent technology improvements also provide cost effective solutions by improving communication to the travelers, safety messages to pedestrians and bicyclists, as well as using the most up-to-date digital signage and lane control and preparing for shared transportation and connected and autonomous vehicles.

Our proposed design team provides design and construction expertise under GEC type contracts for many FDOT Districts, cities and counties throughout Florida. Atkins' engineers work side by side with state and local personnel to develop the latest standards for traffic safety, signalization, signal operations, and utility coordination. Recently our team members have developed traffic plans for continuous slip lane intersections, continuous flow, roundabouts, box truss signal designs, traffic adaptive and responsive signal control systems, advanced traffic detection (Bluetooth, radar and in-pavement technology), road diets, automated wrong way driving warning systems, connected vehicle arterial corridors, and a number of flashing yellow arrow intersections.

Coastal areas are prone to severe environmental challenges and Atkins has the experience to help mitigate these risks. Our proposed team has extensive knowledge and previous project experience in designing and specifying environmentally hardened signal and communication equipment and devices to extend their lifecycle during high winds or areas prone to flooding. Other potential solutions include wireless systems to supplement the fiber optic network that can be easier to repair and replace after extreme weather and the use of permanent or temporary generator equipment to assist motorists during power outages.

Effects of sea level rise and climate change impacts are considered over the long term when Atkins designs solutions for our clients.

Approach to Fiber Optic Network Expansion

Our design team recently scored an A+ rating from FDOT District Two for CADD compliance for the submittal of 60 percent plans for the I-10 ITS Fiber project from Tallahassee to Jacksonville. This project was the largest single fiber installation project in Florida, which is currently in construction. With over 150 miles of fiber, our design team is experienced with long haul fiber runs with large bandwidth needs, but we also design fiber and ITS solutions into almost every traffic signal design.

Atkins understands the exponential growth of ITS and communication devices and their impact on fiber networks. Our designs include redundant, self-healing communication networks that virtually eliminate down time even after multiple points of network failure. Emerging technologies are also being used to provide redundant wireless networks or cloud based private systems for higher priority systems that must be available during severe weather or special events. Fiber technology and other communications systems are constantly evolving, and Atkins has staff professionals that are solely devoted to design solutions in communications. This expertise and knowledge

allow Atkins to suggest communication networks that will provide long term value for the present as well as accommodating the next generation of safety devices.

An ever-increasing area of need is to help our clients with cyber security and encrypted data services. Our team is experienced with intrusion detection systems (IDS) and intrusion prevention systems (IPS) to help detect and prevent malicious activity on your network. We can also assist you with policy improvements to minimize the outside risk to your systems. We develop security information and event management systems (SIEM) that uses multiple filtering processes and report suspicious activity. Atkins routinely works with software and security manufacturers to configure firewalls, and VPN protocols. Our IT professionals have CCNA certifications that require them to be knowledgeable on the latest hardware and software threats and solutions in the industry. As technology changes you will have a trusted partner to help keep you one step ahead of potential network downtime.

Through our experience on FDOT projects, we understand how sea level rise and climate change may affect fiber optics infrastructure. Atkins follows the latest state of the art growing body of literature on adaptation strategies that can be recommended to the County in their projects, providing adapted and resilient infrastructure through our projects.

Approach to CEI Services

At Atkins we understand that providing strong construction support resulting in a successful project starts in the early stages of our projects. Planning, designing, and preparing construction documents are functions where our technical staff has to consider construction as the final goal. While all projects designed by Atkins may not fall under our construction management assignments, the early support of our experienced construction experts will be invaluable throughout all phases. As engineers-of-record providing services during construction, our team will bring the knowledge gained during development to benefit the County. This project lifecycle approach to our designs recognizes the importance of communication and teamwork, and an adherence to our four basic project management principles of planning, organization, execution, and control. Our objective is to provide services that act as a seamless extension of the County's staff to deliver complete, practical, and fully functional solutions. To accomplish this objective, the Atkins team will maintain responsive, clear, and consistent communication with County staff, other regulatory agencies, and affected stakeholders on each task.

Our experience empowers our project manager to assess all decision-requiring situations. We have access to a deep cadre of seasoned and experienced staffing for feedback and input associated with decisionmaking.

Atkins recently completed CEI services for a \$72 million, 15.5-mile widening project on I-75. Time was of the essence for resolving all issues quickly for this contract. During this 668-day contract, 18 notices of intent (NOIs) to file claim were submitted by the contractor. Through strict oversight, thorough review, and strong documentation, every NOI was resolved without the need for arbitration and without escalation to a full claim status. At the end of the project, despite the need for plan changes, and 18 NOIs, the project was completed below the contracted budget. Work included a mile of sound wall construction, asphalt paving, highway lighting, signing and ITS installation, signal installation, drainage pipe installations, and pond construction. Notably, this project consisted of environmentally sensitive work zones, complex maintenance of traffic and detour operations, coordination with adjacent road projects, and working with multiple jurisdictional agencies.

Through decades of experience, we understand that the alternatives analysis process is iterative, multidisciplinary, and has to leverage communication of all stakeholders. Our team has the capacity and passion to link all pieces in the puzzle, leading the path to successful projects.

Schedule Control

Throughout construction, it is essential that the project schedule is accurately maintained since performance may affect reimbursement. Comprehensive schedule analysis is an Atkins technical specialty, and we have in-house professionals who specialize in schedule analysis and schedule control. To facilitate project execution, we will oversee and evaluate the contractor's baseline CPM schedule and all corresponding updates. We currently employ tools like Primavera and Microsoft Projects, among others, which are industry standards for CPM and overall schedule analysis. Our schedule control procedure entails reviewing the contractor's schedule and updates for accuracy, logic flaws, compliance with contract documents, and actual correlation with field observations. This procedure for the review of schedule updates has proven an effective tool to closely monitor, document, and drive project execution.

General Administration and Management Services

The basic construction procedures outlined below illustrate the actions that our team will perform to promote an effective construction program from the pre-construction phase through construction observation and documentation, project acceptance, and closeout. During the preconstruction phase, Atkins will provide the following services:

- › Review the contractor's bid documents to conform with contract requirements
- › Meet with the contractor to identify key personnel associated with the project
- › Establish project level lines of authority and communication so there is a clear chain of command to manage administrative and construction-related issues, which promotes accountability
- › Set up a pre-construction meeting to coordinate and communicate project expectations and concerns with the County, contractor, FDOT liaison, and other stakeholders
- › Perform constructability reviews, as necessary
- › Communicate and coordinate with the general public, other public agencies, and utility owners impacted by construction

During the construction phase, our team will serve as an extension of County personnel, implementing a proactive project management program that facilitates the contractor's delivery of a quality project, and provide responsive construction contract administration services, which includes:

- › Conducting project meetings on a weekly to bi-weekly basis
- › Reviewing and resolving the contractor's request for information (RFI)
- › Reviewing the contractor's monthly invoices
- › Reviewing and/or coordinating shop drawings
- › Reviewing maintenance of traffic (MOT) plans
- › Reviewing the contractor's material testing report
- › Reviewing all other pertinent documents that will ensure the contractor's adherence to the construction contract
- › Effectively communicate construction progress, issues, omissions, substitutions, defects, or deficiencies noted in the work, and corrective actions taken to the County's project manager
- › Minimize contract and construction delays through anticipation and early detection of potential construction problems and/or delays
- › Evaluate conflicts accurately and thoroughly to provide fair and equitable solutions to problems that arise and recommend solutions to the County for those requiring a change in construction cost, schedule, or design intent
- › In the event that the contractor submits a claim for additional compensation or time, analyze the submittal and provide a recommendation to the County covering the validity of the claim
- › Maintain a public information program which will be effective, proactive, and responsive, while leveraging our existing partnerships throughout the community to foster a positive public image

- › Provide an accurate history and timeline of the project through daily documentation of the contractor's construction activities, changed conditions, conflicts, and site conditions, and all documentation will adhere to the County's procedures, formats, and content
- › Verify that the contractor's sampling and testing of materials meet or exceed the contract requirements and verify follow-up tests are performed in the event of failed tests
- › Monitor construction progress and ensure that the contractor's materials, labor, equipment, means, and methods are adequate and in compliance with project specifications
- › Monitor the contractor's compliance with the contract documents and jurisdictional permitting agency requirements
- › Minimize the impact of construction on traffic flow for all users by aggressively enforcing the MOT plan
- › Perform incidental surveys to verify that the project is being constructed in conformance with the plans
- › Analyze the contractor's baseline critical path method (CPM) schedule for completeness and logic, review monthly progress schedule updates to verify that the submission reflects the contractor's actual progress against the baseline schedule, and approve acceptable baseline CPM and updated monthly schedules

The project's final certification recognizes that the project is finally completed, in accordance with contract documents and modifications. The CEI team will support the County in thoroughly reviewing that all substantial completion requirements were completed, and that all documentation required to close the project is on file. Project closeout is important to the County and for the project team to require any remedies, documentation or coordination from the contractor before the project is officially closed. During the closeout phase, the Atkins team will provide the following services:

- › Conduct a final site inspection to verify that work has been constructed in accordance with the construction documents
- › Review construction closeout documents, record drawings, spare parts, and warranties delivered by the contractor for contract compliance
- › Initiate jurisdictional permitting agencies' closeout procedures
- › Prepare a recommendation for the County regarding the disposition of final acceptance, based on project completion and the final site inspection

Environmental

Understanding that the County must account for the effects sea level rise and climate change in projects, and most importantly on the immediate impacts on the community, Atkins will be also able to assist during the construction phase in this area. For example, elevating the roadway centerlines will impact neighboring properties. While informed drainage design choices can offset many of these impacts, public opinion during construction of the projects must be adequately addressed. Atkins has an outstanding reputation in public outreach, helping the public understand and endorse changes required to future proof their communities. Our proactive public outreach strategies have enabled us to avoid delays due to public opposition, reducing cost, and schedule impacts. Atkins has provided CEI services on several projects within environmentally sensitive areas. Through this experience, we have established several processes for promoting vigilance among the project team (client, CEI, and contractor). These processes include providing tri-fold handouts with pictures of all the potential threatened and endangered species, information on stand-off procedures and construction limitations, and response procedures with important contact numbers. We have provided larger print-outs for the contractor to place on their permits board, and we have even developed informative videos. For example, Atkins provided CEI services on SR 60 for Sarasota County, and due to the large number of threatened and endangered species, we developed an educational video on species identification.

Resident inspection services

Atkins' construction phase inspectors will play a key role in meeting our obligations to the County. Our inspection staff will focus on day-to-day construction issues, field documentation, and logistics. Inspection and documentation provided by our inspectors will outline the project's history and document the contractor's performance and progress. Our inspection staff will focus on key activities including MOT, new roadway construction, milling and resurfacing, widening, and drainage improvements. Our proposed inspection staff comply with required certifications, qualified to evaluate the contractor's compliance with contract documents. Additional functions include:

- › Daily documentation of the contractor's operations, including personnel and equipment on-site, quantities installed, issues encountered, site conditions and weather
- › Providing summaries of quantities installed for items in the contract
- › Nonconformance letters and documentation
- › Documenting changes made in the field
- › Serving as a liaison to provide coordination with the utility companies
- › Providing/coordinating construction testing services
- › Reviewing contractor's pay applications to recommend to the project manager progress payments to the contractor
- › Documenting progress of the project with photographs, if required
- › Providing final inspection of the project and punch list items
- › Final punch list inspection
- › Assisting with project closeout

Document Controls

Proper document controls enable the County to efficiently manage contractual situations where time is of the essence in producing records needed to base decisions. As the project reaches completion, accessible and organized records will facilitate evaluation of requirements for the substantial and final completion certifications. Atkins provides document control platforms including E-builder and Microsoft SharePoint to our clients or utilize any client preferred system to organize and archive project documents. All of Atkins' inspection team members have laptop computers, and because the systems are web-based, all shop drawings, RFIs, and any other project documents can be viewed for their information or status at any time without unnecessary travel to an office.

Problem Resolution/Unforeseen Conditions/Conflict Resolution

Our effective CEI team has proven effective in mitigating those conditions. Experience, ability to respond quickly, and leveraging a partnership relationship with contractors is key for a team to bring all hands-on deck and mitigate schedule and cost overruns. Atkins will assemble all relevant information, review and evaluate that information, work closely with the contractor to vigorously pursue solutions, and recommend the most efficient and effective course of action. We will forward recommendations to the County's project manager and the engineer-of-record for review. Upon resolution, Atkins will verify that approved remedial actions are carried out and that all contract administration associated with the change is accurately tracked and documented.

Construction disputes may also arise in complex construction projects, and provided the technical preparedness and available documentation, key differentiators in determining impacts to clients are the experience and ability to negotiate of the client support CEI team. Disputes can initiate within the project internal stakeholders, client and contractor; or brought by regulatory agencies, residents and business. Working with each stakeholder leveraging and fostering new relationships can resolve issues before considerable impacts interfere with the projects.

3. Past Performance

Traffic Signals and Operations

The following project sections describe our team's experience on similar projects as expected to be assigned under this contract. Per Section 3 of the solicitation, client reference information is presented at the end of this section.

Seminole Tribe of Florida Fort Lauderdale, FL

Atkins provided general engineering design and construction phase services for Seminole gaming properties including traffic signal design. Atkins designed a new traffic signal for the entrance at Orient Street in Tampa as well as modifications to an existing signal on SR 7 at the Fort Lauderdale location to accommodate widening of the entrance at Seminole Way. This work included coordination with the local cities and counties to integrate the new signals to the traffic operations on the existing corridors, including fiber optic communications design.

City of Miami Beach, Traffic/ Transportation Services Miami Beach, FL

Atkins has served the City of Miami Beach since 2012 as a transportation and traffic engineering consultant. Tasks have included traffic impact study reviews, traffic signal and simulation analysis of Alton Road and other corridors, planning for the Middle Beach Intermodal Center, review of parking garages, greenway planning, Nautilus neighborhood traffic calming study, traffic roundabout traffic analysis and concept diagrams, traffic signal design, traffic markings, bicycle facility planning and concepts, transit planning, transportation counts (vehicles, bicycles, pedestrians, segways), and the prime consultant for the Bicycle Master Plan and Street Design Guidelines. Atkins is currently working on designing the first phase of traffic calming enhancements for the Nautilus neighborhood and will be undertaking a citywide speed limit reduction study.



Nautilus neighborhood traffic calming study.

FDOT District Five, Active Arterial Management Contract Fort Lauderdale, FL

For this project, Atkins was responsible for the operations of 11 corridors in the Orlando area surrounding and connecting to I-4 by monitoring the travel times, speeds, and volumes along the corridors and providing reports against historical trends. InSync Adaptive Traffic Control Systems exist along some of these corridors, and the operators monitored the throughput and travel times along the corridors during peak hours to ensure the adaptive system was working correctly. The monitoring of corridors was conducted Monday through Friday from 6am to 10pm and on the weekends from 8am to 8pm each day.

Miami-Dade County, Traffic Signal System Modernization at 300 Intersections

Miami, FL

As the general engineering consultant, Atkins provided traffic signal operational support to Miami-Dade County in this important project. The services included database conversion review from 170 controllers to 2,070 controllers for 300 intersections, video detection deployment plans review at 245 intersections, analysis of Bluetooth device installation details at 60 locations, assessment of adaptive signal implementation along 12 corridors.



Traffic signal modernization diagram.

Traffic Signal Communication System Technologies

FDOT District Five Pedestrian Safety Greenway CV Project Orlando, FL

Atkins leads the interconnection of over 250 traffic signals near the University of Central Florida using Dedicated Short Range Communication (DSRC) Radios to develop safety notifications to vehicles and pedestrians. The project also includes transit priority detection and signal timing improvements along the corridors to optimize the signalized corridors while maximizing safety to the public.

Tampa International Airport South Terminal Support Area Tampa, FL

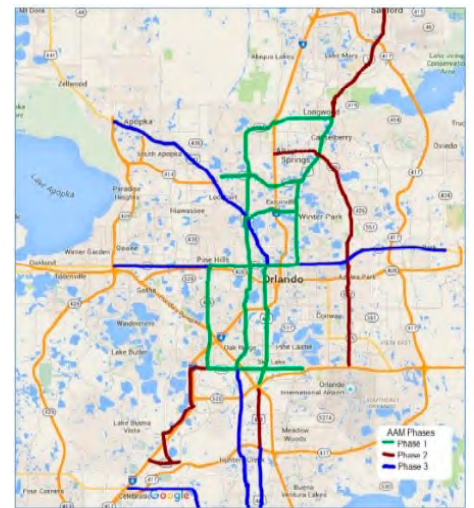
Atkins designed/upgraded six signalized intersections to support new commercial outparcels and rental car garage facility, including a fiber optic communication network connected to the City of Tampa's signal control network.

FDOT District One GEC Support Statewide, FL

Atkins team members Acey Roberts, PE, and Michelle Schofner, PE, assist FDOT District One under Atkins' GEC contract by providing traffic signalization improvements districtwide including traffic signal interconnection using fiber, cellular, and wireless communication options. This work includes daily design reviews, project management, construction submittal reviews, and construction inspection.

**FDOT District Five, Active Arterial Management (AAM)
 Design Phase II
 Orlando, FL**

As the expansion of the FDOT District Five intelligent transportation system, this project was targeting to provide traffic signal performance measure and data collection functions on the State Highway Systems (SHS) in Orlando Metropolitan area. The project limits included US 17/92, SR 436, SR 435, SR 535, SR 536, and US 441. As the project manager, FIE provided engineering services including identifying the locations of Bluetooth and MVDS devices, ITS plans development, communication plan development, and TSM/MSP submittal.



Active arterial management design.

School Zone Flasher Systems

**Glades County School District Design and Permitting
 Moore Haven, FL**

Atkins designed and performed permitting services for the addition of right turn lanes and the extension of left turn lanes on US 27 at 6th and 7th Streets in Glades County, Florida. In addition, improvements were designed at the signalized intersection of US 27 at 6th Street. The improvements included replacement of one of the signal poles that was in conflict with the widening, reconfiguration of the span wire signal, detection upgrades and improvements to the pedestrian accommodations. This project was designed and constructed as part of driver/pedestrian safety improvements for Moore Haven High School.

**Somerset Charter School Flashing Beacons
 Palm Beach, FL**

Atkins developed the design for the installation of two mast arm mounted school zone crosswalk signs and flashing beacons along SR 804/Boynton Beach Blvd. approaching the Somerset Charter School in Palm Beach County, Florida. The work consisted of determining the location for the mast arms to be installed, utility coordination, evaluation and modification of the existing signing to meet the new configuration, and design of the flashing beacon system including power connection and the relocation of a Palm Beach County fiber optic cable. After design was complete, Atkins staff assisted during construction with shop drawing submittal review and review of the structures.

Roadway Engineering Improvements

**Coconut Creek Educational Corridor
 Coconut Creek, FL**

Complete Streets project, which includes milling and resurfacing, divided median construction, drainage upgrades, signing and marking, signalization and pedestrian and bicycle enhancements. The project is Local Agency Program (LAP) funded and was constructed in multiple phases. The roadway is under the jurisdiction of Broward County, involves FDOT oversight, and is being designed on behalf of the City of Coconut Creek.

Kimmins Construction for Hillsborough County Aviation Authority (Tampa Airport)

Tampa, FL

Atkins designed roadway improvements for the south terminal support area. As part of the Tampa International Airport's 20-year master plan, the project included development of a new rental car facility, commercial, and office space outparcels. Atkins specifically designed roadway improvements including a roundabout, three new traffic signals, redesign of three existing signalized intersections, two signalized pedestrian crossings, pavement markings and signage, traffic management cameras, signal controller, and field devices connected via fiber optic cable to the City of Tampa's traffic management center. This project received a 2018 Design-Built Institute of America Award in the transportation roadway category.



Tampa Airport roadway improvements.

Lee County DOT South Road Realignment

Lee County, FL

This project involved the design, removal, realignment, and new construction of a collector roadway to maximize the Lee County Port Authority-owned land for future airport development. The project also included revising the turn lane configuration and adding a bicycle lane keyhole at the intersection with US 41. Construction activities included installation of force main, water main, gravity sewer, sanitary sewer lift station, street lighting, and construction of a two-lane rural roadway, closed drainage system, landscaping, and irrigation.

Traffic Systems Management and Operations

Altamonte Springs, FL

Contract scope including arterial traffic incident management (TIM), integrated corridor management (ICM), managed lanes operations and data analytics/trend analysis. Through this contract we are exploring cutting edge traffic safety technology, such as Mobility-as-a-Service, connected and autonomous vehicle solutions, pedestrian and bicycle safety enhancements and Transportation Network Company (TNC)/ride-share safety/efficiency solutions.

Professional Services for Transportation Engineering and Planning

Altamonte Springs, FL

This is a Master Service Agreement for professional services for the City of Altamonte Springs in transportation engineering and planning. Eleven work orders were issued to Atkins for services that include preliminary engineering, final design, and construction engineering inspection. Project types include roadway and sidewalk design, pavement widening and realignment, stormwater design, topographic and right-of-way survey, boundary surveys, signing and pavement markings, utility coordination, signalization, miscellaneous structures and mast arms, traffic analysis and modeling, lighting, and landscape architecture. Other services provided include feasibility studies, conceptual design, permitting, peer review, cost estimating, and scheduling. Atkins also developed and implemented a pavement management program for the City.

CEI Services

Lee County Complete Streets Initiative CEI Services

Lee County, FL

Complete Streets Initiative consisting of three parts: Tour de Parks Loop, University Loop and Bi-County Connector, is a transportation network with the addition of pathways, bike lanes, sidewalks and sidewalk connections, wayfinding signs, bicycle parking, bus shelters, ADA-compliant infrastructure, and intersection improvements connecting multimodal corridors from downtown Fort Myers to Collier County.

FDOT District One GEC Support

Atkins assists FDOT District One under a GEC contract by providing traffic signalization improvements districtwide including traffic signal interconnection using fiber, cellular and wireless communication options. This work includes daily design reviews, project management, construction submittal reviews, and construction inspection.

CEI Services for US 27 Widening from 5th Street to 7th Street

Glades County, FL

The project included milling, resurfacing, and roadway widening along US 27. Additional improvements included turnout and driveway construction, minor drainage improvements, removal and replacement of concrete sidewalk and curb, and removal and installation of a new strain pole. This Glades County School Board project was funded through a JPA agreement with FDOT.

Seminole Hard Rock Hotel and Casino CEI

Hollywood, Florida

Atkins provided Construction Engineering and Inspection (CE&I) services for the Hard Rock Hotel and Casino – Hollywood improvements. The expansion of the hospitality development included the construction of several hotel towers, multiple entertainment venues, shopping and dining centers. Atkins provided the CEI services for the utility infrastructure improvements necessary for the development including stormwater management systems, pump stations, water and sewer systems including gravity, pressured and pump stations. The project also reconfigured most streets, traffic signalization and overall traffic patterns within the complex and access to nearby arteries.



Construction inspections at Seminole Hard Rock Hotel and Casino.

Our services included field Inspections, field testing verification for compaction efforts during the installation of utilities constructed within the footprint of the proposed roadway, monitor the Contractor's environmental protection and permit compliance, provide daily inspection reports, enforce compliance with MOT standards, review schedule updates, and attend work status meetings. Our staff observed the Contractor's work to determine the progress and quality of work, identify discrepancies, report significant discrepancies to the client, and directed the Contractor to correct such observed discrepancies. In line with the strict safety measures of this project, Atkins monitored the contractor's Work Zone Traffic Control. Our inspectors also observed for deficient or non-conforming work and brought to the attention of the client with our recommendation for acceptability of the corrective actions.

Past Performance References

Per the RFP, we include our past performance references on the County's Vendor Reference Verification forms on the following pages.



Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2119168P1, Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Reference for: Atkins North America, Inc.

Organization/Firm Name providing reference:

Florida Department of Transportation-District 4

Contact Name: Jose Guerrero Title: Project Engineer Reference date: 09/05/2019

Contact Email: jose.guerrero@dot.state.fl.us Contact Phone: 954-777-4079

Name of Referenced Project: SR-804(Boynton Beach Blvd.) @ Somerset Academy School Zone

Contract No. C-9726 Date Services Provided: 07/17/2012 to 07/16/2017 Project Amount: \$ 290,708.79

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:

Districtwide Traffic Operations Minor Design Services

Please rate your experience with the referenced Vendor:

Needs Improvement Satisfactory Excellent Not Applicable

	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:				
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

THIS SECTION FOR COUNTY USE ONLY

Verified via: EMAIL VERBAL Verified by: _____ Division: _____ Date: _____



Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2119168P1, Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Reference for: Atkins North America, Inc.

Organization/Firm Name providing reference:

Lee County MPO

Contact Name: Don Scott Title: Executive Director Reference date: 11/18/2019

Contact Email: dscott@leempo.com Contact Phone: 239.330.2241

Name of Referenced Project: CEI Services for the Lee County Complete Streets Improvement Project

Contract No. FPID 435448-2 Date Services Provided: 11/18/2014 to 01/01/2019 Project Amount: \$ 8,600,000.00

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:

Atkins provided CEI services for the Lee County Complete Streets Initiative. This D-B TIGER V project consists of three parts: Tour de Parks Loop, University Loop, and Bi-County Connector—a transportation network with the addition of pathways, bike lanes, sidewalks and sidewalk connections, wayfinding signs, bicycle parking, bus shelters, ADA-compliant infrastructure, and intersection improvements connecting multi-modal corridors from downtown Fort Myers to Collier County.

Please rate your experience with the referenced Vendor:

Needs Improvement Satisfactory Excellent Not Applicable

	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:				
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2119168P1, Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Reference for: **ATKINS**

Organization/Firm Name providing reference:

Kimmins Contracting Corp.

Contact Name: **Dario G Munoz**

Title: **Project Manager**

Reference date: **09/04/2019**

Contact Email: **dmunoz@kimmins.com**

Contact Phone: **813-924-8241**

Name of Referenced Project: **STSA Roadway Improvements Tampa Int. Airport**

Contract No.

Date Services Provided:

Project Amount:

8115 14

08/05/2015 to 09/29/2017

\$ 27,941,280.00

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:

Design ,EOR, Construction Services

Please rate your experience with the referenced Vendor:

Needs Improvement Satisfactory Excellent Not Applicable

	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:				
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:

PNC2119168P1, Continuing Engineering Services for Traffic, Roadway, and Civil Projects

Reference for: [Atkins North America](#)

Organization/Firm Name providing reference:

[City of Miami Beach - Transportation Dept.](#)

Contact Name: [Josiel Ferrer-Diaz](#) Title: Ass't. Director Reference date: [08/28/2019](#)

Contact Email: JOSIELFERRER@miamibeachfl.gov Contact Phone: [305-673-7000, ext 6831](#)

Name of Referenced Project: [City of Miami Beach Traffic & Transportation Services](#)

Contract No. [RFQ 55-08-09](#) Date Services Provided: [10/30/2012](#) to [10/30/2018](#) Project Amount: [\\$ 600,000.00](#)

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:

[Transportation planning, traffic engineering, conceptual engineering, roadway design](#)

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:				
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

[Very professional staff with a wealth of knowledge in all transportation fields.](#)

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4. Workload of Firm

Atkins is committed to providing resources that are readily available to serve Broward County. The Atkins team will provide the necessary staff, equipment, and other resources for this contract. We have a dedicated team available to begin work as soon as a notice-to-proceed is issued. Atkins can provide these services by having over 250 employees in our Fort. Lauderdale and Miami offices along with approximately 500 additional staff members in Florida that can manage any services needed. Most of the proposed Atkins team has performed these services for the past 5 years under the previous GEC contract.

The following list is a compilation of projects managed in the Atkins Fort Lauderdale office within the last 5 years.

List of projects within the last five years

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Compl Date
(INACTIVE [071911]) 10-11 TIM-CVO GEC Field	FDOT, Central Office	02/01/2010 03/15/2015
(INACTIVE [071911]) 10-11 TIM-CVO GEC Home	FDOT, Central Office	02/01/2010 03/15/2015
A282 Tunnel Interchange Underbridge Category 2 Assessment Services	Atkins Limited	03/23/2015 03/28/2016
Aberdeen Western Peripheral Route and River Dee Crossing Design Services	Atkins Limited	01/12/2015 02/15/2015
Advanced Precast Element Design and Construction State of Practice Task 2.3	American Association of State Highway and Transportation Officials	10/15/2014 10/01/2016
Alsdorf Park Improvements	City of Pompano Beach	03/08/2013 10/15/2014
Atlas Homestead Landfill Expansion	Waste Management Inc. of Florida	04/02/2013 04/05/2013
BCHCED TA048, Dykes Road and SW 29th Street Intersection Post-Design Services	Broward County	02/29/2016 03/19/2017
BCHCED ANA 028 EOR and Pland Review Service for Pine Island Rd	Broward County	10/06/2014 10/06/2015
BCHCED ANA 26 Construction Completion Certification for Miramar Parkway	Broward County	09/17/2014 09/17/2015
BCHCED Atlantic Boulevard Traffic Signals TO23	Broward County	07/28/2014 07/28/2015
BCHCED Hiatus Road Traffic Study Additional Services	Broward County	08/01/2014 10/01/2014
BCHCED TA000, Atlantic Trail head Signal Design Services	Broward County	02/14/2014 02/21/2015
BCHCED TA001, Hiatus Road Subsurface Utility Engineering Services	Broward County	08/05/2013 08/05/2014
BCHCED TA002, Pine Island Road Access Management Plan	Broward County	07/29/2013 07/29/2014
BCHCED TA003, Pine Island Road Environmental Permit Assessment	Broward County	07/29/2013 07/29/2014
BCHCED TA004, Pine Island Road (Nova Drive to SR 84) Widening Geotechnical Engineering Services	Broward County	08/26/2013 08/26/2014
BCHCED TA005, Hiatus Road Mast Arm Structural Analysis	Broward County	07/29/2013 07/29/2014
BCHCED TA0058 Everglades Holiday Park Lift Station Design Services	Broward County	10/14/2016 03/31/2018
BCHCED TA006, Sheridan Street at NW 76th Avenue Intersection New Traffic Signal Mast Arm Structural Engineering Services	Broward County	08/05/2013 08/05/2014
BCHCED TA007, Hiatus Road Plans Review	Broward County	11/18/2013 11/18/2014
BCHCED TA008, Hiatus Road (Sunrise Boulevard to Oakland Park Boulevard) Phase I Improvements Construction Engineering and Inspection Services	Broward County	08/19/2013 08/19/2014
BCHCED TA009, Hiatus Road (Sunrise Boulevard to Oakland Park Boulevard) Traffic Study	Broward County	09/09/2013 09/09/2014
BCHCED TA011, Broward County Pavement Investigative Services	Broward County	08/20/2013 08/20/2014

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Comp Date
BCHCED TA012, Pine Island Road Plan Preparation Services	Broward County	11/15/2013 11/15/2014
BCHCED TA013, New River Crossing Location Analysis	Broward County	11/13/2013 11/13/2014
BCHCED TA014, Palm Avenue Widening Post-Design Services	Broward County	09/16/2013 09/16/2015
BCHCED TA015, Oakland Park Boulevard and Hiatus Road Signal Conversion Mast Arm Design Services	Broward County	08/19/2013 08/19/2015
BCHCED TA016, Andrews Avenue Drainage Improvements	Broward County	02/05/2014 09/05/2014
BCHCED TA017, Pine Island Road Widening Utility Designation	Broward County	12/09/2013 12/09/2014
BCHCED TA018, New River Greenway Travelway Crossing Phase II Design Services	Broward County	01/15/2016 01/15/2017
BCHCED TA019, Pine Island Road Utility Locate and Mapping Services	Broward County	12/17/2013 12/17/2014
BCHCED TA021, Deerfield Island Water Main Evaluation	Broward County	12/24/2013 12/24/2014
BCHCED TA024, Hiatus Road Geotechnical Engineering Services	Broward County	03/28/2014 03/28/2015
BCHCED TA027, Pine Island Road Construction Completion Certificaton Preparation Services	Broward County	09/17/2014 09/17/2015
BCHCED TA029, New River Greenway Travelway Crossing Phase III Design Services	Broward County	08/26/2016 09/29/2017
BCHCED TA030, Andrews Avenue Bridge Survey Services	Broward County	10/31/2014 10/31/2015
BCHCED TA031, Hiatus Road Materials Testing and Inspection Services	Broward County	12/29/2014 12/29/2015
BCHCED TA032, Flamingo at Oakland Park Boulevard Supplemental Engineering Services	Broward County	02/10/2015 12/31/2015
BCHCED TA033, Ravenswood Road Subsurface Utility Engineering Services	Broward County	05/18/2015 05/18/2016
BCHCED TA034, Ravenswood Road Plan Review and Drainage/Permitting Services	Broward County	03/02/2015 03/02/2016
BCHCED TA035, Lyons Road Materials Testing and Inspection Services	Broward County	02/19/2015 02/19/2016
BCHCED TA036, WAVE Streetcar Plans Review Services	Broward County	05/05/2015 05/05/2016
BCHCED TA037, Pembroke Road Materials Testing and Inspection Services	Broward County	02/19/2015 02/19/2016
BCHCED TA038, Dykes Road and SW 29th Street Intersection Improvements Design Services	Broward County	03/24/2015 03/23/2016
BCHCED TA039, Sample Road Lighting Design Services	Broward County	03/04/2016 03/04/2017
BCHCED TA040, Cooper City High School School Zone Improvements Project	Broward County	05/04/2015 11/06/2016
BCHCED TA041, Pembroke Lakes Elementary School School Zone Implementation Project	Broward County	05/04/2015 11/06/2016
BCHCED TA042, Pine Island Road and Sunset Strip Intersection Improvements Design Services	Broward County	05/05/2015 05/05/2016
BCHCED TA043, Sheridan Street and Palm Avenue Intersection Improvements Design Services	Broward County	05/05/2015 05/05/2016

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Comp Date
BCHCED TA044, Taft Street and Park Road Intersection Improvements Design Services	Broward County	05/05/2015 05/05/2016
BCHCED TA045, Ravenswood Road Geotechnical Investigation Services	Broward County	12/14/2015 05/31/2016
BCHCED TA046, American Heritage Private School School Zone Improvements Project	Broward County	05/07/2015 05/06/2016
BCHCED TA047, Westglades Middle School and Majory Stoneman Douglas High School School Zone Improvements Project	Broward County	05/07/2015 05/07/2016
BCHCED TA053, Pembroke Road Phase I Improvements Design Services	Broward County	02/05/2016 02/04/2017
BCHCED TA055, Truck Washout Sanitary Sewer Connection Design Services	Broward County	02/11/2016 02/11/2017
BCHCED TA056, Hiatus Road Contractor Construction Verification Testing Services	Broward County	02/05/2016 10/01/2017
BCHCED TA057, Pembroke Road Phase II Design Services	Broward County	06/06/2016 12/08/2016
BCHCED TA060 Pine Island Road Post-Design Services	Broward County	08/08/2016 02/08/2018
BCHCED TA061, Pine Island Road and Sunset Strip Intersection Improvements Post-Design Services	Broward County	01/16/2017 01/15/2018
BCHCED TA062, Sheridan Street at Palm Avenue Signal Post-Design Services	Broward County	01/16/2017 01/16/2018
BCHCED TA063, Taft Street at Park Road Post-Design Services	Broward County	12/13/2016 12/13/2017
BCHCED TA064, Everglades Holiday Park Maintenance Building Fire Pump Design Services	Broward County	09/26/2016 06/30/2017
BCHCED TA065, Ravenswood Road Post-Design Services	Broward County	10/24/2016 12/31/2017
BCHCED TA066, Sawgrass Mills Area Traffic Study	Broward County	01/06/2017 04/07/2017
BCHCED TA067, Sheridan Street and Dykes Road Intersection Traffic Study Services	Broward County	03/24/2017 09/29/2017
BCHCED TA068, Mills Area Future Year Demand Modeling	Broward County	05/05/2017 09/29/2017
BCHCED TA069, Hollywood North Beach Park Transportation Improvements Design Services	Broward County	06/07/2017 01/31/2018
BCHCED TA070, Transportation Workshop Facilitation Services	Broward County	06/23/2017 08/23/2017
BCHCED TA071, Broward Site Review Support Services	Broward County	09/29/2017 02/02/2018
BCHCED TA072, American Dream Demand Modeling and Traffic Operations Review Services	Broward County	10/02/2017 02/02/2018
Biennial Bridge Inspections 2014	J.L. Property Owners Association, Inc.	10/08/2014 11/28/2014
Biscayne Boulevard and NE 163rd Street Medians Landscape and Irrigation Design Services	City of North Miami Beach	07/24/2015 12/31/2015
Biscayne Boulevard Landscape Enhancements Design Services	City of North Miami Beach	03/21/2016 05/31/2016
Biscayne Landings Spine Road Civil Engineering	Oleta Partners, LLC	01/01/2013 04/30/2014

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Comp Date
Boynton Beach East Water Treatment Plant Threshold Inspection Services	City of Boynton Beach	08/24/2015 01/15/2016
Brickell City Centre System Safety and Security Re-certification	Swire Properties, Ltd.	09/18/2013 10/31/2014
Brickell Flatiron Settlement Monitoring Services	Downtown Development Holdings, LLC	04/01/2016 03/31/2019
Bridge No. 702 at PR-681 Replacement Design Services	Puerto Rico Highway & Transportation Authority	11/02/2015 06/30/2017
Broward County Convention Center and Hotel Expansion Traffic Study	Broward County	09/10/2013 09/10/2014
Broward County Highway Construction and Engineering Deerfield Island Fire Main	Broward County	06/30/2014 06/30/2015
Cano Martin Pena Ecosystem Restoration Feasibility Report and Environmental Impact Statement (EIS)	Corporacion del Proyecto ENLACE del Caño Martin Peña	09/17/2010 08/14/2012
City of Coconut Creek Master Plan	City of Coconut Creek	04/01/2014 09/02/2015
City of Delray Gateway Park Post Design Services	City of Delray Beach	12/17/2010 04/01/2011
City of North Miami Beach PRMP	City of North Miami Beach	10/02/2014 10/02/2015
City of Parkland Pine Trails Park Design Phase I	City of Parkland	04/17/2013 01/31/2014
City of Plantation Landscape Architectural Services on 84th Avenue	City of Plantation	03/04/2011 08/31/2011
Coconut Creek Utilities Master Plan Phase 2	City of Coconut Creek	12/10/2014 10/01/2015
Continuing Professional Civil Engineering Services for General Civil Related and Structural Projects	City of Pompano Beach	01/05/2004 12/31/2009
Crandon Marina Charter Boat Docks Improvements	Neville/Steffens Architects LLP	02/28/2007 02/28/2008
Crosstown Parkway Design-Build (Proposal Reimbursement)	City of Port St. Lucie	12/12/2014 03/15/2015
D4 DW Minor Design TO1, SR 714 Bridge Repair Post-Design Services	FDOT, District Four	09/22/2016 12/22/2016
D4 DW Minor Design TO10, SR 7 Landscape Irrigation System Electrical Design Services	FDOT, District Four	05/19/2017 08/04/2021
D4 DW Minor Design TO11, SR 848 (Stirling Road) Design Services	FDOT, District Four	06/06/2017 08/30/2017
D4 DW Minor Design TO12, Project Management Support Services	FDOT, District Four	07/24/2017 09/30/2017
D4 DW Minor Design TO13, SR 7 (Atlantic Avenue to Boynton Beach Boulevard) Improvements Design Services	FDOT, District Four	09/01/2017 12/30/2020
D4 DW Minor Design TO14, SR 5 (US-1) Lighting Retrofit Design Services	FDOT, District Four	09/21/2017 09/21/2018
D4 DW Minor Design TO15, SR 804 (Jog Road to Congress Avenue) Improvements Design Services	FDOT, District Four	10/17/2017 12/30/2020
D4 DW Minor Design TO16, Project Management Support Services	FDOT, District Four	12/13/2017 06/30/2018
D4 DW Minor Design TO2, SR 5 (US-1) Post-Design Services	FDOT, District Four	09/30/2016 03/30/2018

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Comp Date
D4 DW Minor Design TO3, Project Management Support Services	FDOT, District Four	10/12/2016 05/12/2017
D4 DW Minor Design TO4, Project Management Support Services	FDOT, District Four	10/13/2016 05/13/2017
D4 DW Minor Design TO7, SR 93 (I-75) Design Services	FDOT, District Four	01/10/2017 07/10/2018
D4 DW Minor Design TO8, SR 823 (Flamingo Road) Post-Design Services	FDOT, District Four	03/15/2017 08/04/2021
D4 DW Minor Design TO9, SR 7 Landscape Irrigation System Electrical Design Services	FDOT, District Four	05/08/2017 08/04/2021
Delevoe Park Expansion Improvement	Broward County	05/28/2014 05/28/2015
Department of Natural and Environmental Resources (DNER) Wetland Assessment RAM Methodology	Puerto Rico Dept. Natural Resources & Environment	09/23/2013 03/31/2014
Ely Bypass Gap Analysis	Atkins Limited	03/09/2015 04/30/2015
Everglades Holiday Park Improvements	Broward County	06/30/2014 12/01/2014
Everglades Holiday Park Sewer Assessment and Pump Rehabilitation	Broward County	01/04/2016 12/31/2016
FDOT D4 I-95 Interchanges Design-Build Projects Proposal Reimbursement	FDOT, District Four	01/01/2014 06/01/2014
FDOT D4 In-House Project Management Support, TO85	FDOT, District Four	12/11/2013 06/30/2016
FDOT D4 Local Agency Program Assignment Project Management Support, TO#74	FDOT, District Four	07/01/2013 06/30/2014
FDOT D4 MD13 TO 27, SR-823 Guardrail Replacement for re-let FM 431156-2	FDOT, District Four	02/01/2016 01/31/2017
FDOT D4 MD13 TO 28, NW 9th Avenue Post-Design Services	FDOT, District Four	03/17/2016 03/31/2017
FDOT D4 MD13 TO 29, SR 714 Bridge Post-Design Services	FDOT, District Four	03/01/2016 03/31/2017
FDOT D4 MD13 TO 30, NW 9th Avenue Post-Design Services	FDOT, District Four	11/28/2016 11/28/2017
FDOT D4 Minor Design TO #21, Signals - Pivot Hanger Upgrade Broward County FM 431802-1 Post-Design Services	FDOT, District Four	06/04/2013 08/01/2015
FDOT D4 Minor Design TO #22, Signals - Pivot Hanger Upgrade Palm Beach County FM 431803-1 Post-Design Services	FDOT, District Four	06/05/2013 08/01/2015
FDOT D4 Minor Design TO 27, Broward Boulevard at NW 9th Avenue Mast Arm Installation Geotechnical Borings	FDOT, District Four	09/15/2014 08/01/2015
FDOT D4 Minor Design TO 28, I-95 Rest Area Parking Lot Expansion Geotechnical Engineering Services	FDOT, District Four	10/27/2014 05/31/2015
FDOT D4 Minor Design TO#20, SR-814/Atlantic Boulevard Outfall Wall Replacement	FDOT, District Four	01/30/2013 08/01/2015
FDOT D4 Minor Design TO13, I-95 St Lucie County Rest Area Rehabilitation FM433963	FDOT, District Four	04/17/2014 05/30/2015
FDOT D4 Miscellaneous Landscape Architectural Services (WO1)	FDOT, District Four	05/02/2016 12/26/2016
FDOT D4 Scheduling/Website/GIS Program Support Services (LOA1)	FDOT, District Four	12/16/2016 06/30/2017

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Comp Date
FDOT D4 Scheduling/Website/GIS Program Support Services (LOA2)	FDOT, District Four	07/03/2017 06/30/2018
FDOT D4 SR 80 (Southern Boulevard) Widening Traffic Control Plans Design Services	FDOT, District Four	08/03/2012 08/03/2015
FDOT D4, MD13 TO21 I-95 St Lucie County Rest Area Rehabilitation Post-Design Services	FDOT, District Four	04/22/2015 04/22/2016
FDOT D4, MD13 TO22 SR842-Broward Boulevard at NW 9 Avenue Signal Improvements Post-Design Services	FDOT, District Four	04/29/2015 12/31/2015
FDOT D4, MD13 TO23 SR 870-Commercial Boulevard at NE 15 Avenue Signal Improvements Post-Design Services	FDOT, District Four	04/29/2015 12/31/2015
FDOT D4, MD13 TO24, Martin County I-95 Rest Areas Post-Design Services	FDOT, District Four	05/12/2015 12/31/2016
FDOT D4, MD13 TO25, SR708/Blue Heron Boulevard at I-95 Interchange Post-Design Services	FDOT, District Four	06/15/2015 07/15/2016
FDOT D4, MD13 TO26, NW 9th Avenue Improvements Additional Services	FDOT, District Four	10/30/2015 12/31/2015
FDOT D4, MD13 TO6, SR7 D-B Selection Assistance, FM No. 227775-1-52-01	FDOT, District Four	11/26/2013 08/21/2015
FDOT D4, MD13 TO7, SR823 Erosion Evaluation, FM No. 431156-1-52-01	FDOT, District Four	11/21/2013 11/21/2015
FDOT D4, MD13 TO8, SR714 Bridge Rehabilitation Repairs, FM No. 430617-1	FDOT, District Four	11/26/2013 08/21/2016
FDOT D4, MD13 TO9, SR842-Broward Blvd at NW 9 AV Signal Improvements FM No. 434004-1	FDOT, District Four	01/29/2014 12/31/2016
FDOT D4, Minor Design TO24, SR-7 Signing and Pavement Marking	FDOT, District Four	04/24/2014 08/01/2015
FDOT D4, Project Management Support, TO113	FDOT, District Four	07/15/2014 08/31/2015
FDOT D4, Scheduling and Project Management Support Services, TO 145	FDOT, District Four	07/01/2015 06/30/2016
FDOT D4, Scheduling and Project Management Support Services, TO 146	FDOT, District Four	07/01/2015 06/30/2016
FDOT D4, Scheduling and Project Management Support Services, TO 149	FDOT, District Four	07/22/2015 08/31/2015
FDOT D4, Scheduling and Project Management Support Services, TO 150	FDOT, District Four	08/03/2015 12/31/2015
FDOT D4, Scheduling and Project Management Support Services, TO 151	FDOT, District Four	08/17/2015 06/30/2016
FDOT D4, Scheduling and Support Services TO 104	FDOT, District Four	07/01/2014 08/30/2015
FDOT D4, Scheduling and Support Services TO 105	FDOT, District Four	07/01/2014 08/30/2015
FDOT D4, Scheduling and Support Services TO 111	FDOT, District Four	07/01/2014 08/30/2015
FDOT D4, Scheduling and Support Services, TO 127	FDOT, District Four	01/05/2015 06/30/2015
FDOT D4, Scheduling and Support Services, TO 141	FDOT, District Four	05/29/2015 08/14/2015
FDOT D4, Scheduling Support, TO 122	FDOT, District Four	10/21/2014 10/31/2014
FDOT D4, Scheduling Support, TO 123	FDOT, District Four	10/21/2014 10/31/2014

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Comp Date
FDOT D4, SR 84 Pond Conversion Design Services (SA3)	FDOT, District Four	07/01/2014 11/01/2015
FDOT D4, SR-5 Observation Deck Replacement and SR-811 Observation Deck Removal TO25	FDOT, District Four	05/08/2014 08/01/2015
FDOT D4, SUE for SR842 Signal Improvements, WO9	FDOT, District Four	07/25/2014 12/31/2014
FDOT D4, Web Support Services, TO 154	FDOT, District Four	07/01/2016 11/18/2016
FDOT D4, Web, GIS, and Scheduling Support Services, TO 153	FDOT, District Four	07/01/2016 11/18/2016
FDOT D4, WPUC Phase 1B Post Deployment Support Services, TO 148	FDOT, District Four	07/14/2015 09/30/2015
FDOT D6 Miscellaneous Landscape Architecture Services, WO28	FDOT, District Six	07/01/2015 12/31/2015
FDOT D6 Miscellaneous Landscape Architecture Services, WO31	FDOT, District Six	01/06/2016 06/15/2016
FDOT D6 Miscellaneous Landscape Architecture Services, WO32	FDOT, District Six	04/18/2016 06/07/2016
FDOT D6 Miscellaneous Landscape Design Services, TO #10	FDOT, District Six	08/07/2012 02/28/2013
FDOT D6 Miscellaneous Landscape Services, WO22	FDOT, District Six	05/15/2014 05/15/2015
FDOT D6, In-house Landscape Architectural Support Services (TO11)	FDOT, District Six	09/19/2016 03/17/2017
FDOT D6, Landscaping Pushbutton Bid Package Preparation Services 2017 (TO13)	FDOT, District Six	04/03/2017 07/24/2017
FDOT D6, LeJeune Road Landscape Post-Design Services (TO8)	FDOT, District Six	07/18/2016 12/30/2016
FDOT D6, Miscellaneous Landscape Architectural Services, WO2	FDOT, District Six	09/13/2013 09/12/2014
FDOT D6, NW 74th Street Landscape Architecture Post-Design Services (TO10)	FDOT, District Six	06/09/2016 01/09/2017
FDOT D6, NW 81st Street Landscape Post-Design Services (TO6)	FDOT, District Six	07/18/2016 01/15/2017
FDOT D6, Overseas Highway Landscape Post-Design Services (TO7)	FDOT, District Six	06/08/2016 11/30/2016
FDOT D6, Plantation Key Landscape Post Design Services	FDOT, District Six	08/15/2012 05/15/2013
FDOT D6, Red Road Landscape Post-Design Services (TO9)	FDOT, District Six	07/18/2016 01/15/2017
FDOT D6, Scenic Highway Assistance, WO3	FDOT, District Six	09/13/2013 11/15/2014
FDOT D6, Scenic Highway Program Support Services, WO27	FDOT, District Six	05/01/2015 06/07/2016
FDOT D6, South Dixie Highway Post Design Services	FDOT, District Six	07/11/2013 10/01/2014
FDOT D6, SR5 Atlantic-Abaco, Landscape Architecture (Post Design)	FDOT, District Six	08/01/2014 08/01/2015
FDOT D6, SW 12th Avenue Landscape Design Services (TO5)	FDOT, District Six	07/18/2016 09/16/2016
FDOT D6, SW 12th Avenue Landscape Post-Design Services (TO12)	FDOT, District Six	01/26/2017 02/28/2020
FDOT District 6 Districtwide Landscape Services 2011	FDOT, District Six	03/14/2011 03/14/2016

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Comp Date
FMY Base Operations Parking Capacity Analysis Services (Page Field Airport)	Lee County Port Authority	03/28/2017 07/31/2017
FMY Base Operations Parking Expansion Concepts Development Services (Page Field)	Lee County Port Authority	06/08/2017 07/29/2017
FMY Hangar Alternatives Conceptualizations and Cost Estimating Services (Page Field)	Lee County Port Authority	02/07/2017 06/30/2017
FMY Paragon Hangar Condition Assessment Services (Page Field)	Lee County Port Authority	04/13/2017 07/31/2017
FMY Runways Obstruction Survey Services (Page Field)	Lee County Port Authority	05/11/2017 11/30/2017
FMY T-Hangars Structural Evaluation Services (Page Field)	Lee County Port Authority	06/08/2017 07/29/2017
FPL Transit-Related Support Services WA 21	Florida Power & Light Company	03/03/2017 12/31/2018
FPR Crossfield Taxiway Connector Construction Phase Services (St. Lucie County International Airport)	St. Lucie County	09/15/2016 08/31/2017
Georgia Transit Governance Review Services	Georgia State Road and Tollway Authority	10/24/2017 06/30/2018
Golden Ears Bridge Project Lenders Technical Advisory Services	WS Atkins International Ltd.	11/02/2015 12/31/2015
GRTA TO 17, Transit Asset Management Plan Update Services	Georgia State Road and Tollway Authority	05/15/2017 09/30/2017
GRTA TO 21, Electric Bus Charging Stations Cost Estimating Services	Georgia State Road and Tollway Authority	06/05/2017 07/30/2017
Hollywood Eastside Utilities Additional Design and Construction Phase Services	Seminole Tribe of Florida	01/25/2017 12/31/2017
I-595/SR 84 at NW 136th Avenue Intersection Improvements Design Services	FDOT, District Four	08/08/2016 01/18/2018
I-75 (SR 54 to SR 52) Widening and SR 52 Interchange Reconstruction Design-Build Project	FDOT, District Seven	03/11/2013 09/30/2015
I-95 (Mills Pond to NE 56th Street) Landscape Design Services	FDOT, District Four	08/11/2016 08/11/2018
IMM Airport Layout Plan Update (Immokalee Regional Airport)	Collier County	11/01/2016 06/30/2017
IMM Taxiway B Rehabilitation Construction Phase Engineering Services Independent Fee Estimating Services (Immokalee Regional Airport)	Collier County	05/23/2017 07/31/2017
JLPOA Jonathan's Landing Bridge and Culvert Repairs	J.L. Property Owners Association, Inc.	12/04/2015 12/05/2016
KMKY Terminal Area Design Services (Marco Island Executive Airport)	Collier County	09/27/2016 10/18/2017
Landscape Design Services - SR 933 from SW 22 Street to SW 7 Terrace	FDOT, District Six	10/28/2013 10/27/2014
LeJeune Road Landscape Architecture Post-Design Services	FDOT, District Six	08/31/2015 06/15/2016
Luma Tower Transit Parameters Consulting Services	ZOM Florida	10/26/2015 10/30/2015
Luma Tower Transit Station Integration Design and Construction Phase Services	ZOM Development, Inc.	11/11/2015 08/01/2017
MKY/X01 Hurricane Irma Damage Assessment Design Services (Marco Island Executive Airport and Everglades Airpark)	Collier County	11/13/2017 12/19/2017

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Comp Date
N.E. 183rd Street Bike Path Lap Project Design Services	City of North Miami Beach	04/29/2015 01/01/2016
NW 79 Avenue Paving and Drainage Improvements Final Design Services	Town of Medley	10/07/2014 03/06/2015
NW 9th Avenue Improvements, TO 16	FDOT, District Four	06/06/2014 07/31/2015
Oakland Park Bahama Breeze Restaurant Civil Engineering Services	Darden Restaurants	04/20/2017 03/01/2018
ParkWest MetroMover Station Improvements Design Services	MWC Associates, LLC	09/26/2016 03/31/2018
Paseo del Caño Flora, Fauna, and Tree Inventory Services	Compania para el Desarrollo Integral de la Peninsula de Cantera	04/01/2016 06/30/2016
Pennsylvania Statewide Bridge Replacement PPP	Pennsylvania Dept. of Transportation	05/30/2014 05/30/2015
Port of Miami TIGER II Grant Rail Line Tracks Implementation Study Program Management Services	Miami-Dade County	04/02/2012 04/15/2013
PortMiami Marine TO 3 Cruise Berth J Bulkhead Assessment Services	Miami-Dade County	01/14/2015 03/13/2015
Ramey Unit School Civil Engineering and Landscape Architecture Support Services	U.S. Army Corps of Engineers (USACE), Norfolk	03/01/2017 03/31/2018
Red Road 183 (NW 183rd Street to County Line) Landscape Architecture Services	FDOT, District Six	01/26/2015 01/26/2016
Red Road Survey Services	FDOT, District Six	09/28/2015 11/30/2015
Review of Settlement Data 8th Street Station	Brickell City Centre Project, LLC	07/28/2014 07/31/2015
Rio Bayamon North Community Mitigation Monitoring Services (2015-2016)	Government Development Bank for Puerto Rico	04/01/2015 03/31/2016
RSW Charging Station Concept Development Study Services (Southwest Florida International Airport)	Lee County Port Authority	05/25/2017 09/30/2017
RSW Charging Stations Design Services (Southwest Florida International Airport)	Lee County Port Authority	09/21/2017 12/31/2017
RSW Concourse B International Lounge Conceptual Alternatives (Southwest Florida International Airport)	Lee County Port Authority	04/06/2017 07/31/2017
RSW Concourse Roof Recoating Construction Administration Services (Southwest Florida International Airport)	Lee County Port Authority	02/07/2017 06/30/2017
RSW Concourses Carpet Replacement Design Services (Southwest Florida International Airport)	Lee County Port Authority	12/14/2017 03/31/2018
RSW Emergency Power Cost Estimate Update Services (Southwest Florida International Airport)	Lee County Port Authority	10/23/2017 12/31/2017
RSW Energy Efficiency Study Additional Services (Southwest Florida International Airport)	Lee County Port Authority	07/06/2017 10/31/2017
RSW IATA 753 Readiness Study (Southwest Florida International Airport)	Lee County Port Authority	04/10/2017 07/31/2017

Atkins' engineering-related projects within the past 5 years managed out of our Ft. Lauderdale office.

Project	Owner	Start/ Compl Date
RSW North Cargo Apron Preliminary Utility Study Services (Southwest Florida International Airport)	Lee County Port Authority	03/13/2017 05/31/2017
RSW Old Cell Phone Lot Modifications Preliminary Cost Estimate, TO 1	Lee County Port Authority	07/29/2014 10/30/2014
RSW Restrooms ADA Compliance Assessment Design Services (Southwest Florida International Airport)	Lee County Port Authority	10/26/2017 12/31/2017
RSW Terminal Building Water Intrusion Evaluation and Construction Phase Services (Southwest Florida International Airport)	Lee County Port Authority	05/23/2017 09/30/2017
RSW Terminal Expansion Vibration Measurement and Analysis Services (Southwest Florida International Airport)	Lee County Port Authority	10/12/2017 06/30/2018
RSW Terminal Gate Parking Layout Plan Development Services (Southwest Florida International Airport)	Lee County Port Authority	06/08/2017 07/29/2017
RSW-FMY Hurricane Irma Damage Assessment Services (Southwest Florida International Airport and Page Field)	Lee County Port Authority	09/28/2017 11/30/2017
SFWM Hillsboro Engineering During Construction (EDC)	South Florida Water Management District	10/22/2013 10/22/2016
SFWM S39A Control Structure Construction Engineering Services	South Florida Water Management District	04/12/2017 09/30/2018
SoLe Mia Lagoon Redesign Services	Crystal Lagoons U.S. Corp.	03/31/2017 07/28/2017
Springtree Water Treatment Plant Lime Silo and Solids Contact Clarifier Threshold Inspection Services	City of Sunrise	02/03/2016 10/24/2016
SR 7 Landscape and Irrigation Additional Design Services	City of Plantation	08/30/2017 12/31/2017
SR 7 Landscape and Lighting Design Services	City of Plantation	12/02/2016 03/31/2017
SR 7 Landscape, Irrigation, and Lighting Improvements Design Services	City of Plantation	05/19/2016 08/29/2016
SR 70/Jenkins Road Intersection Improvements	FDOT, District Four	06/01/2012 06/01/2014
SR 70/Jenkins Road Intersection Improvements Post-Design Services	FDOT, District Four	06/02/2015 06/02/2016
SR 826 (US 1 to Sunset Drive) Post-Design Landscape Architecture Services	FDOT, District Six	04/01/2014 04/01/2016
SR 934/NW 82nd (NW 13th Court to Miami Avenue) Landscape Architecture Services	FDOT, District Six	01/19/2015 01/19/2016
Statewide TIM/CVO Program Consultant TO8 Home	FDOT, Central Office	01/03/2014 01/31/2015
STRIVE Survey Data Assessment Services	South Florida Water Management District	11/16/2016 11/15/2017
TIM-CVO GEC task 2 (field)	FDOT, Central Office	05/01/2010 03/15/2015
X01 Runway Rehabilitation Phase I Design Independent Fee Estimating Services (Everglades Airpark)	Collier County	05/23/2017 07/31/2017

List of all projected projects in the near future (Awarded – waiting NTP)

Atkins has no concurrent projects awarded awaiting for NTP at the time of responding to this solicitation. Our Fort Lauderdale office team and our Project Manager are fully available to undertake the workload under this contract.

Should our office face a rise in workload based on Broward County or other clients, our team is prepared to adapt and continue to provide on-schedule and quality services. Our approach to multiple projects management is addressed in Section 2.

5. Location

Atkins and the teaming partners we bring together in this proposal have selected Broward County as one of our nerve centers in South Florida. With local offices in Broward County for 40 years, Atkins serves Broward County and municipal clients in the region. Table 1 includes the addresses of our team partners offices within Broward County. Our Fort Lauderdale office has 46 employees, and of them 22 will be directly or indirectly employed under this contract. We have submitted the Location Attestation Form in compliance with the requirements of the RFP.

STAFF
46 Fort Lauderdale
Office

3250 W. Commerical
Blvd., Suite 120
Fort Lauderdale, FL 34232
941.378.0272

STAFF
222 Atkins'
Headquarters

4030 West Boy Scout
Boulevard
Suite 700
Tampa, FL 33607
813.282.7275

6. Willingness to Meet Time and Budget Requirements

Atkins has a long history of service to many South Florida public works, municipalities and transportation planning agencies under task work order contracts, including reselections, and with several contracts accruing more than 10 years of continuous service. This fact and those noted under our past performance are strong evidence of our reliability to provide quality deliverables on schedule and within budget.

We are committed to meet the requirements of our continuing contracts within time and budget. Our team has the resources, financial stability and management structure required to engage in this contract. Our consistent strategy to apply our best expertise, responsiveness, and innovation will provide Broward County with the technical support and performance that is essential in its mission to deliver progressive transportation solutions to our community.

STAFF
200+ Total South
Florida staff

OFFICES
13 Florida
offices

YEARS
40+ Working in
Broward County

PROJECTS
250+ Projects and
tasks for Broward
County

\$40.5M+
value of projects
completed for
Broward County

7. Volume of Previous Work

Atkins' signed Volume of Previous Work Attestation Form has been uploaded to BidSync as instructed. Given the form limits, below is a list of work paid to Atkins by Broward County Board of County Commissioners within the last five years. Due to the extensive list of payments to CBE firms, an additional list of CBE payments is available upon request.

Item No	Project Title	Solicitation/ Contract No.	Department or Division	Date Awarded	Paid to Date Dollar Amount
1	Tradewinds Park Feasibility Study	P1019501B1	Public Works Department	5/28/2014	\$24,453
2	Full-Scale Security Exercise	N/A	Sheriff's Office	5/29/2014	\$79,800
3	Everglades Holiday Park Improvements	N/A	Public Works Department	6/27/2014	\$126,066
4	Davie Landfill Stabilization Study	P1019501B1	Public Works Department	12/9/2014	\$29,005
5	New Courthouse Breezeway Artwork Value Engineered Design Cost Estimating Services	P1019501B1	Cultural Division	2/5/2015	\$1,480
6	Southwest Regional Landfill Closure and Long-term Care Cost Estimating Services	P1019501B1	Public Works Department	5/19/2015	\$8,431
7	Southwest Landfill Operating Permit Renewal Services	P1019501B1	Public Works Department	8/21/2015	\$27,711
8	Broward County Landfills Surveying Services	Y1421102Q1	Public Works Department	2/10/2016	\$32,863
9	Port Everglades Capital Program Management Services	R1351804P1	Public Works Department	6/7/2016	\$2,069,265
Grand Total					\$2,399,074

8. Litigation History

Like all professionals in a litigious society, Atkins North America, Inc. (f/k/a PBS&J), a nationwide firm, has been involved in claims and suits over the years. The vast majority of these have been by third parties against multiple defendants with Atkins being one of those named. Several suits were counterclaims where Atkins has initiated actions to collect fees.

None of these suits, if decided against Atkins, would impair the firm's ability to meet its financial obligations. We consider any further details to be confidential and privileged and should be disclosed under carefully controlled circumstances, as mandated by the settlement agreements. Please feel free to contact our general counsel, Ernest Edgar, at 813.281.3626 to discuss this information further. A partial litigation list is as follows. A complete list is available upon request.

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) <input type="checkbox"/> Parent, <input type="checkbox"/> Subsidiary, or <input type="checkbox"/> Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: <input type="text" value="See following attachment."/>
	Or No <input type="checkbox"/>
Party	<input type="text"/>
Case Number, Name, and Date Filed	<input type="text"/>
Name of Court or other tribunal	<input type="text"/>
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Count	<input type="text"/>
Brief description of the Subject Matter and Project Involved	<input type="text"/>
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: <input type="text"/> Email: <input type="text"/> Telephone Number: <input type="text"/>

Vendor Name:

Updated: APRIL 22, 2019

ATKINS 3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
McCULLOUGH, JINLAN XU VS. RUTH A. KOVALIK, JOHN KOVALIK, JR., ATKINS NORTH AMERICA, INC., RTH PROPERTIES, LLC AND EDGEWATER PROPERTIES, CASE #2018-CA-009102-O	CIRCUIT COURT, ORANGE CO., FL	9/17/2018		Open		No	NEGLIGENCE/PERSONAL INJURIES
ZAIDI, AZHAR S. INDIVIDUALLY AND AS REP OF EST. OF AMMAR AZHAR ZAIDI, DECEASED, VS. TAION RAHAAD TOLBERT, ATKINS NORTH AMERICA, INC. AND VRX, INC., CASE #DC-16-14038	DISTRICT COURT, DALLAS CO., TX	1/24/2018		Open		No	NEGLIGENCE/AUTO ACCIDENT
RODRIGUEZ, YALIX AS P/R OF EST OF JEANLIX NIEVES-RODRIGUEZ, ET AL, VS. PRINCE CONTRACTING, LLC, OSCEOLA COUNTY BOARD OF COUNTY COMMISSIONERS AND ATKINS NORTH AMERICA, INC., DEFENDANTS, CASE NO. 2016-CA-00385 AN	CIRCUIT COURT, OSCEOLA CO., FL	9/15/2017 (2ND AMENDED COMPLAINT ADDING ATKINS)		Open		Yes	NEGLIGENCE/WRONGFUL DEATH
RAYL ENGINEERING AND SURVEYING, LLC VS. ATKINS NORTH AMERICA, INC. F/K/A PBS&J, CASE NO. 2017CA-003134-0000-00	CIRCUIT COURT, POLK CO., FL	9/6/2017		Open		No	BREACH OF CONTRACT
SANCHEZ, CESAR VS. ATKINS NORTH AMERICA, INC. AND JAMES MARION KNIGHT, JR., CASE NO. (INDEX NO. 612307/2017)	SUPREME COURT OF NEW YORK, SUFFOLK COUNTY	8/8/2017		Open		No	NEGLIGENCE/PERSONAL INJURY
WALKER, JO ANN, INDIVIDUALLY, AND AS ADMINISTRATIX OF EST. OF GRADY WALKER, DEC., VS. ATKINS NORTH AMERICA, INC., COBB COUNTY GOVERNMENT, AND CSX TRANSPORTATION, INC., CIVIL ACTION #17-A-2063-1	STATE COURT, COBB COUNTY, GA	8/3/2017		Open		Yes	NEGLIGENCE/WRONGFUL DEATH

Updated: APRIL 22, 2019
ATKINS 3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
BANOS, RAQUEL VS. ATKINS NORTH AMERICA, INC., CASE NO. 2017-012091-CA01	CIRCUIT COURT MIAMI - DADE COUNTY, FL	6/7/2017		Open		No	DISCRIMINATION
SPOON, SANDRA VS. PAUL B. CARTER AND ATKINS NORTH AMERICA, INC. SWA GROUP AND JOHN L. GERMAN, CASE NO. 2016CI01808 (6TH AMENDED PETITION FILED 1/11/2018)	DISTRICT COURT OF BEXAR CO., TX	12/6/2017	3/26/2019	Closed	Settled	No	NEGLIGENCE/PERSONAL INJURY
COOPER, SYDNEY & NOVELETTE COOPER, HIS WIFE, VS. C.H. PEREZ & ASSOCIATES CONSULTING ENGINEERS, INC., FLA DEPT. OF TRANSPORTATION AND ATKINS NORTH AMERICA, INC., CASE NO. 2017-024404 CA01	CIRCUIT COURT, MIAMI-DADE COUNTY, FL	3/30/2018	12/18/2018	Closed	Settled	Yes	NEGLIGENCE/ PERSONAL INJURY
PEREZ, JORGE J VS. BORAN CRAIG BARBER ENGEL ETC - 2012-016955-CA-01	FL MIAMI-DADE 11TH JUDICIAL CIR.	4/30/2012	8/9/2018	Closed	Settled	No	CONSTRUCTION DEFECT
ECOSYSTEM TECHNOLOGIES, INC. VS. SARASOTA COUNTY AND ATKINS NORTH AMERICA, INC., CASE #2016CA000183NC	CIRCUIT COURT, SARASOTA, FL	1/14/2016	7/11/2018	Closed	Settled	Yes	BREACH OF CONTRACT, NEGLIGENCE
SHAW FARMS & LAND COMPANY OF FLORIDA, LLC AND DANIA PLACE, LLC VS. BROWARD COUNTY, ATKINS NORTH AMERICA, INC., ETAL, CASE NO. CACE-15-011648(09)	CIRCUIT COURT, BROWARD COUNTY, FL	3/25/2016	6/29/2018	Closed	Settled/Dismissed	Yes	TRESPASSING, PRIVATE NUISANCE, NEGLIGENCE
LONDON, FANTASIA AND MATTHEW AND LAURA HESS, VS. CITY OF AUSTIN, TX, ATKINS NORTH AMERICA, INC. AND M.A. SMITH CONTRACTING CO., CASE NO.. D-1-16-002408	DISTRICT COURT, TRAVIS CO., TX	6/9/2016	2/26/2018	Closed	Settled	Yes	PERSONAL PROPERTY DAMAGE

Updated: APRIL 22, 2019

ATKINS 3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
ROMERO, THALIA VS. ATKINS NORTH AMERICA, INC., CASE NO. 49 2017 CA 001791 AN	CIRCUIT COURT OSCEOLA CO., FL	11/15/2017	2/19/2018	Closed	Settled	No	NEGLIGENCE/PERSONAL INJURY
ENNIS, JAMES VS. ATKINS NORTH AMERICA HOLDINGS CORPORATION; CASE NO. 05-2013-CA-42345	CIRCUIT COURT, BREVARD COUNTY, FL	12/30/2013	2/11/2018	Closed	Settled/Dismissed	No	CIVIL RIGHTS - EMPLOYMENT
PHENICIE, DALE KENT, INDIVIDUALLY AND AS EXEC OF EST. OF BARBARA JEAN PHENICIE, DECEASED, ETAL VS. GEORGIA DOT, ATKINS NORTH AMERICA, INC., ETAL, CASE #15A-1670-5	STATE COURT, COBB COUNTY, GA	7/1/2015	11/16/2017	Closed		Yes	NEGLIGENCE/PERSONAL INJURY
DENVER TRANSIT CONSTRUCTORS, INC. VS. FLUOR/HDR GLOGAL DESIGN CONSULTANTS, LLC, VS. POST BUCKLEY SCHUH & JERNIGAN, INC. DBA PBS&J, ETAL, AS 3RD PARTY DEFENDANTS, CASE NO. 2016CV30742, DIV. 376	DISTRICT COURT, DENVER COUNTY, CO.,	11/15/2016	11/15/2017	Closed	Settled	No	BREACH OF CONTRACT
MILLSAPS, ELAINE VS. LEWALLEN COMPANY, INC., KENNEDY ENGINEERING & ASSOCIATES GROUP, LLC, ATKINS NORTH AMERICA, INC., SAFETY SIGNAL COMPANY, INC. AND GEORGIA DEPT. OF TRANSPORTATION, CIVIL ACTION FILE #15A-841-1	STATE COURT OF COBB COUNTY, GA	4/13/2015	11/14/2017	Closed		Yes	NEGLIGENCE/PERSONAL INJURY
GRAY, ARTIE LEE AND PATRICIA PHELPS-GRAY VS. JUCIUS J. GEORGE AND ATKINS NORTH AMERICA, INC., CASE NO. 16-CA-3227	CIRCUIT COURT HILLSBOROUGH CO., FL	4/6/2016	11/13/2017	Closed	Settled		

Updated: APRIL 22, 2019

ATKINS 3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
AUTO-OWNERS INSURANCE CO. VS. PBS&J CONSTRUCTION SERVICES, INC., CASE #13-1-02314-53	SUPERIOR COURT, COBB COUNTY, GA	3/15/2013	10/10/2017	Closed	Settled	No	SURETY DAMAGES-BREACH OF CONTRACT
JETVIK, CHAD AS PERSONAL REP. OF EST. OF CAMILLE JETVIG VS. ATKINS NORTH AMERICA, INC., fka POST BUCKLEY SCHUH & JERNIGAN, INC., ETAL, CASE NO. 2016CA8164	CIRCUIT COURT, 9TH JUDICIAL CIRCUIT, ORANGE COUNTY, FL	10/20/2016	7/15/2017	Closed	Settled	No	NEGLIGENCE; AUTO ACCIDENT
ANDERSON COMMONS, LLC VS. CITY OF TAMPA AND ATKINS NORTH AMERICA, INC., CASE #16-CA-001057	CIRCUIT COURT, HILLSBOROUGH CO., FL	2/3/2016	5/2/2017	Closed	Settled	No	EJECTMENT
HERMAN, ROCHELLE VS. CHRISTOPHER MC GRATH, AN INDIVIDUAL, AND ATKINS NORTH AMERICA, INC., CASE NO. 2015-CA-004856	CIRCUIT COURT, SARASOTA, FL	9/4/2015	3/20/2017	Closed	Voluntary Dismissal	No	NEGLIGENCE/PERSONAL INJURY
DARRIN TURNER VS. MARK JAHNKE AND ATKINS NORTH AMERICA, INC., (NO CASE NUMBER SHOWN ON PLEADINGS)	DISTRICT COURT, DENVER COUNTY, CO	4/18/2016	3/15/2017	Closed	Settled	No	PERSONAL INJURY
VALENTINO CASTRO VS. CHEN MOORE & ASSOCIATES; CITY OF MIAMI BEACH, FL AND ATKINS NORTH AMERICA, INC., CASE NO. 16-011970 CA 01	MIAMI DADE CIRCUIT COURT, FL	6/9/2016	3/14/2017	Closed	Settled	Yes	NEGLIGENCE
NAZARIO, LUIS A., AS PERSONAL REP. OF THE EST. OF MIRIAM CABRERA, DEC. VS. M. VILA & ASSOCIATES, INC., METRO EXPRESS, INC., CITY OF MIAMI BEACH AND CHEN MOORE AND ASSOCIATES, INC.; AND CITY OF MIAMI BEACH, AS 3RD PARTY PLAINTIFF VS. ATKINS NORTH AMERICA, INC., 3RD PARTY DEFENDANT, CASE NO. 13-025280 CA05	CIRCUIT COURT, MIAMI-DADE COUNTY, FL	5/13/2016	3/1/2017	Closed	Settled	Yes	CONTRACTUAL INDEMNITY
MARTIN, CHRISTOPHER, ETUX, VS. EASTWOOD CONSTRUCTION CO, INC., ETAL, CASE NO 2014-CP-29-01686	COMMON PLEAS COURT, LANCASTER CO., SC	10/6/2015	12/5/2016	Closed	Settled	No	CONSTRUCTION DEFECT/NEGLIGENCE

Updated: APRIL 22, 2019

ATKINS 3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
ALICE WEBER VS. CITY OF MINNEOLA CASE NO. 2013CA000394	CIRCUIT CT. LAKE CO., FL	2/4/2013	12/1/2016	Closed	Settled	Yes	PROPERTY DAMAGE
BRIAN BARLOW & CRYSTAL BARLOW VS. DAVID A. TANT; DAVID A. TANT DBA DAVID A. TANT SURVEYING & MAPPING; LEIDOS ENGINEERING, LLC; MARY ACHEE; ATKINS NORTH AMERICA, INC. AND ATKINS, P.A., CASE NO. 2016-CV-0086-G	CHANCERY COURT, LAMAR COUNTY, MS	3/7/2016	11/30/2016	Closed	Settled	No	NEGLIGENCE
CCE VS. PBS&J CONSTRUCTION SERVICES, INC. AND POST BUCKLEY SCHUH & JERNIGAN, INC., ETAL, CASE NO. 200646041	270TH JUDICIAL CIRCUIT OF HARRIS COUNTY, TX	12/6/2006	11/21/2016	Closed	Settled	No	NEGLIGENCE
HASTY, ORVILLE, ETUX VS. EASTWOOD CONSTRUCTION CO., INC., ETAL, CASE NO. 2014-CP-29-01688	COMMON PLEAS COURT, LANCASTER CO., SC	10/6/2015	10/29/2016	Closed	Settled	No	CONSTRUCTION DEFECT/NEGLIGENCE
MENA, SANDY VS. CITY OF AURORA, CO., COLORADO DEPT. OF TRANSPORTATION, ATKINS NORTH AMERICA, INC., ETAL, CASE NO. 2015CV31874	DISTRICT COURT, DENVER COUNTY, CO	5/27/2015	10/3/2016	Closed	Dismissed	Yes	NEGLIGENCE/PERSONAL INJURY
SILVIA REYNA DE LUNA, ETAL VS. CITY OF AURORA, CO., COLORADO DOT, ATKINS NORTH AMERICA, INC., ETAL, CASE NO. 2015CV031490	DISTRICT COURT, DENVER COUNTY, CO	4/27/2015	10/3/2016	Closed	Settled	Yes	NEGLIGENCE/PERSONAL INJURY
IVY, MAKAYLA LYNN VS. ATKINS NORTH AMERICA, INC. AND COURTNEY HARRIS, CASE NO. 15-14062-012-01	12th JUDICIAL DISTRICT, DISTRICT COURT OF MADISON COUNTY, TX	7/13/2015	8/1/2016	Closed	Settled	No	NEGLIGENCE/PERSONAL INJURY



CRAIG A. SMITH & ASSOCIATES

21045 Commercial Trail • Boca Raton, FL 33486

CONSULTING ENGINEERS • SURVEYORS • UTILITY LOCATORS

www.craigasmith.com

August 22, 2019

To Whom It May Concern,

RE: LITIGATION HISTORY FOR PAST FIVE YEARS

Craig A. Smith & Associates is a full service firm with a 40 year history in offering professional services. It would be inconceivable for a company in business for this length of time to not be the subject of professional liability claims and lawsuits. The great majority of these claims over the years have been without merit and discharged by our insurance company counsel. CAS maintains professional liability insurance and this insurance carrier handles all claims.

Our corporate counsel has recommended, for confidentiality reasons, that we not include actual claimant names, but the following describes the nature of such claims and presents a fair picture of CAS's professional liability claims history over the past five years:

Claimant v. Craig A. Smith & Associates, Inc.

- Date of Loss: 08/25/2015
- Project: TECO Power Utility Locates
- Personal Injury/Vehicle Accident
- CAS utility locator was involved in a vehicle accident with plaintiff. Plaintiff claimed additional injury to existing health issues. Settlement was offered to CAS's insurance carrier which was declined by carrier. Case was ultimately closed at twice the offered settlement of \$650,000.

Claimant

- Date of Loss: 10/31/2016
- Project: 174th Street, Sunny Isles Beach Construction Observation
- Personal Injury
- Claimant, while walking in proximity to the construction site, claimed to have debris which was floating in the air get into their eye causing medical attention. CAS and the contractor were sued, and CAS's insurance company settled for \$3,500.

Claimant v. Craig A. Smith & Associates, Inc.

- Date of Loss: 04/02/2018
- Project: City of Hollywood Utility Locating Services
- Claimant alleges CAS did not properly mark facilities.
- CAS provides utility location services for the City of Hollywood Utilities Department. Plaintiff was performing work within the city and damaged a city outfall pipe. Plaintiff contends CAS is at fault for not marking the facility. However, the plaintiff failed to call in a Sunshine One Call Ticket for the subject location. CAS's position is that it is not at fault due to the fact that a ticket did not exist for the subject location. Suit is pending.

Sincerely,

Stephen C. Smith, P.E.

Senior Vice President

9. Financial Information

Three copies of Atkins' confidential financial statements were mailed to the County as instructed by the RFP.

10. Authority to Conduct Business in Florida

State of Florida Department of State

I certify from the records of this office that ATKINS NORTH AMERICA, INC. is a corporation organized under the laws of the State of Florida, filed on February 29, 1960.

The document number of this corporation is 233840.

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 14, 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 Fourteenth day of January,
2019*



A. J. [Signature]
Secretary of State

Tracking Number: 7010617828CC

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

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

11. Affiliated Entities of the Principal(s)

Our firm has completed the Affiliated Entities of the Principal(s) form via BidSync.

12. Insurance Requirements

	CERTIFICATE OF LIABILITY INSURANCE	DATE (MM/DD/YYYY) 07/30/2019																																																
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.																																																		
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).																																																		
PRODUCER MARSH USA, INC. TWO ALLIANCE CENTER 3560 LENOX ROAD, SUITE 2400 ATLANTA, GA 30326 CN102421774-Atkin-GAWE-18-20 NOC	CONTACT NAME: PHONE (A/C No. Ext): FAX (A/C No): E-MAIL ADDRESS:																																																	
INSURED Atkins North America, Inc. 4030 West Boy Scout Blvd., Ste 700 Tampa, FL 33607	INSURER(S) AFFORDING COVERAGE	NAIC #																																																
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	INSURER B : American Guarantee & Liability Ins Co	26247																																																
	INSURER C : National Union Fire Ins Co. of Pittsburgh PA	19445																																																
	INSURER D :																																																	
	INSURER E :																																																	
	INSURER F :																																																	
COVERAGES CERTIFICATE NUMBER: ATL-004970690-01 REVISION NUMBER: 10																																																		
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:5%;">INSR LTR</th> <th style="width:35%;">TYPE OF INSURANCE</th> <th style="width:5%;">ADDL INSD</th> <th style="width:5%;">SUBR WVD</th> <th style="width:15%;">POLICY NUMBER</th> <th style="width:10%;">POLICY EFF (MM/DD/YYYY)</th> <th style="width:10%;">POLICY EXP (MM/DD/YYYY)</th> <th style="width:20%;">LIMITS</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: </td> <td></td> <td></td> <td>GLO 0137576-04</td> <td>10/15/2018</td> <td>10/15/2019</td> <td> EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 50,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$ </td> </tr> <tr> <td style="text-align: center;">A</td> <td> <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY </td> <td></td> <td></td> <td>BAP 0137575-04</td> <td>10/15/2018</td> <td>10/15/2019</td> <td> COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ </td> </tr> <tr> <td style="text-align: center;">B</td> <td> <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$ </td> <td></td> <td></td> <td>AUC 9304209-16</td> <td>10/15/2018</td> <td>10/15/2019</td> <td> EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$ </td> </tr> <tr> <td style="text-align: center;">A</td> <td> <input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below </td> <td style="text-align: center;">Y/N N</td> <td style="text-align: center;">N/A</td> <td>WC 0137577-04</td> <td>10/15/2018</td> <td>10/15/2019</td> <td> <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 </td> </tr> <tr> <td style="text-align: center;">C</td> <td>Professional Liability (claims made policy)</td> <td></td> <td></td> <td>15808715 (See additional page)</td> <td>04/30/2019</td> <td>04/30/2020</td> <td> Limit: Per Claim 1,000,000 Annual Aggregate: 1,000,000 </td> </tr> </tbody> </table>	INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GLO 0137576-04	10/15/2018	10/15/2019	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 50,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$	A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			BAP 0137575-04	10/15/2018	10/15/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			AUC 9304209-16	10/15/2018	10/15/2019	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$	A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? 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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS																																											
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CERTIFICATE HOLDER	CANCELLATION																																																	
Sarasota County Government 1660 Ringling Blvd, 4th Floor Sarasota, FL 34236	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE of Marsh USA Inc. Manashi Mukherjee <i>Manashi Mukherjee</i>																																																	
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ACORD 25 (2016/03) The ACORD name and logo are registered marks of ACORD																																																		

P:#100066803

AGENCY CUSTOMER ID: CN102421774

LOC #: Atlanta



ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY MARSH USA, INC.		NAMED INSURED Atkins North America, Inc. 4030 West Boy Scout Blvd., Ste 700 Tampa, FL 33607	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance**

Professional Liability:

Professional Liability placement was made by Marsh Canada. Marsh USA has only acted in the role of a consultant to the client with respect to the placement, which is indicated here for your convenience.

P#100066803

ACORD 101 (2008/01)

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Blanket Notification to Others of Cancellation or Non-Renewal

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
BAP0137575-04	10/15/2018	10/15/2019	10/15/2018	28235000	\$-	\$-

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

Commercial Automobile Coverage Part

- A. If we cancel or non-renew this Coverage Part by written notice to the first Named Insured, we will mail or deliver notification that such Coverage Part has been cancelled or non-renewed to each person or organization shown in a list provided to us by the first Named Insured if you are required by written contract or written agreement to provide such notification. However, such notification will not be mailed or delivered if a conditional notice of renewal has been sent to the first Named Insured. Such list:
 - 1. Must be provided to us prior to cancellation or non-renewal;
 - 2. Must contain the names and addresses of only the persons or organizations requiring notification that such Coverage Part has been cancelled or non-renewed; and
 - 3. Must be in an electronic format that is acceptable to us.
- B. Our notification as described in Paragraph A. of this endorsement will be based on the most recent list in our records as of the date the notice of cancellation or non-renewal is mailed or delivered to the first Named Insured. We will mail or deliver such notification to each person or organization shown in the list:
 - 1. Within seven days of the effective date of the notice of cancellation, if we cancel for non-payment of premium; or
 - 2. At least 30 days prior to the effective date of:
 - a. Cancellation, if cancelled for any reason other than nonpayment of premium; or
 - b. Non-renewal, but not including conditional notice of renewal.
- C. Our mailing or delivery of notification described in Paragraphs A. and B. of this endorsement is intended as a courtesy only. Our failure to provide such mailing or delivery will not:
 - 1. Extend the Coverage Part cancellation or non-renewal date;
 - 2. Negate the cancellation or non-renewal; or
 - 3. Provide any additional insurance that would not have been provided in the absence of this endorsement.
- D. We are not responsible for the accuracy, integrity, timeliness and validity of information contained in the list provided to us as described in Paragraphs A. and B. of this endorsement.

All other terms and conditions of this policy remain unchanged.



Blanket Notification to Others of Cancellation or Non-Renewal

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
GLO 0137576-04	10/15/2018	10/15/2019	10/15/2018	28235000	\$-	\$-

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

Commercial General Liability Coverage Part

- A.** If we cancel or non-renew this Coverage Part by written notice to the first Named Insured, we will mail or deliver notification that such Coverage Part has been cancelled or non-renewed to each person or organization shown in a list provided to us by the first Named Insured if you are required by written contract or written agreement to provide such notification. However, such notification will not be mailed or delivered if a conditional notice of renewal has been sent to the first Named Insured. Such list:
1. Must be provided to us prior to cancellation or non-renewal;
 2. Must contain the names and addresses of only the persons or organizations requiring notification that such Coverage Part has been cancelled or non-renewed; and
 3. Must be in an electronic format that is acceptable to us.
- B.** Our notification as described in Paragraph **A.** of this endorsement will be based on the most recent list in our records as of the date the notice of cancellation or non-renewal is mailed or delivered to the first Named Insured. We will mail or deliver such notification to each person or organization shown in the list:
1. Within seven days of the effective date of the notice of cancellation, if we cancel for non-payment of premium; or
 2. At least 30 days prior to the effective date of:
 - a. Cancellation, if cancelled for any reason other than nonpayment of premium; or
 - b. Non-renewal, but not including conditional notice of renewal.
- C.** Our mailing or delivery of notification described in Paragraphs **A.** and **B.** of this endorsement is intended as a courtesy only. Our failure to provide such mailing or delivery will not:
1. Extend the Coverage Part cancellation or non-renewal date;
 2. Negate the cancellation or non-renewal; or
 3. Provide any additional insurance that would not have been provided in the absence of this endorsement.
- D.** We are not responsible for the accuracy, integrity, timeliness and validity of information contained in the list provided to us as described in Paragraphs **A.** and **B.** of this endorsement.

All other terms and conditions of this policy remain unchanged.

U-GL-1521-A CW (10/12)
Page 1 of 1

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P#100066803

WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY

WC 99 06 33

NOTIFICATION TO OTHERS OF CANCELLATION ENDORSEMENT

This endorsement is used to add the following to Part Six of the policy.

**PART SIX
CONDITIONS**

- A.** If we cancel this policy by written notice to you for any reason other than nonpayment of premium, we will mail or deliver a copy of such written notice of cancellation to the name and address corresponding to each person or organization shown in the Schedule below. Notification to such person or organization will be provided at least 10 days prior to the effective date of the cancellation, as advised in our notice to you, or the longer number of days notice if indicated in the Schedule below.
- B.** If we cancel this policy by written notice to you for nonpayment of premium, we will mail or deliver a copy of such written notice of cancellation to the name and address corresponding to each person or organization shown in the Schedule below at least 10 days prior to the effective date of such cancellation.
- C.** If notice as described in Paragraphs **A.** or **B.** of this endorsement is mailed, proof of mailing will be sufficient proof of such notice.

SCHEDULE	
Name and Address of Other Person(s) / Organization(s):	Number of Days Notice:
ANY PERSON OR ORGANIZATION TO WHOM OR TO WHICH YOU ARE REQUIRED TO PROVIDE NOTICE OF CANCELLATION IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT	30

All other terms and conditions of this policy remain unchanged.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.
(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective: 10/15/2018
Insured: Atkins North America, Inc.

Policy No.: WC-0137577-04

Endorsement No.
Premium \$

Insurance Company: Zurich American Insurance Company

WC 99 06 33
(Ed. 05-10)

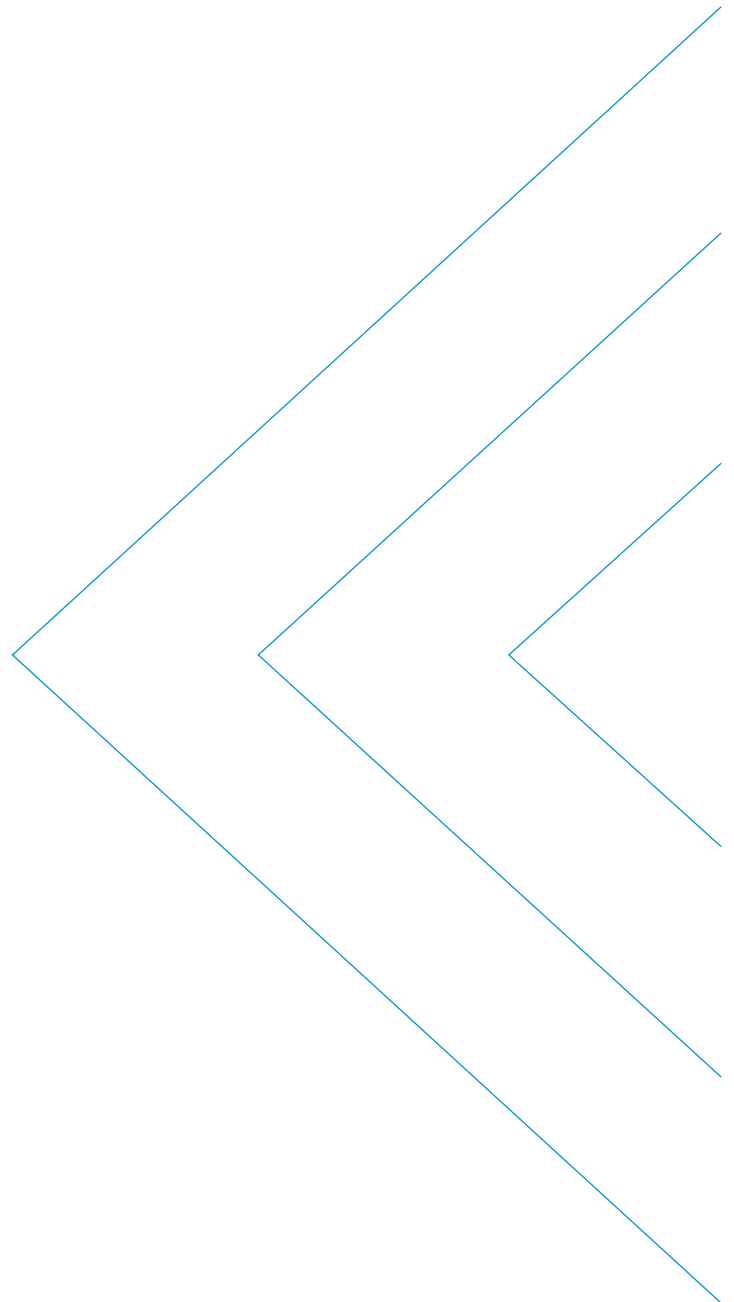
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Page 1 of 1

P#100066803

13. Additional Responsibility Criteria

- › CBE Letters of Intent
- › FDOT Prequalification Letters
- › Team Licenses and Certifications (additional certifications upon request)





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: Atkins North America, Inc.

Address: 3250 West Commercial Boulevard, Suite 120 City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Charlotte Maddox, PE, PMP, Vice President Phone: 954.733.7233

CBE Firm/Supplier Name: Premiere Design Services (PDS)

Address: 12781 Miramar Pkwy • Ste 205 City: Miramar State: FL Zip: 33027

Authorized Representative: Luis Jurado - President Phone: 954-237-7850 x 701

- 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
Survey / SUE	541370		3.00 %
			%
			%

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

CBE Firm/Supplier Authorized Representative

Signature: Title: President Date: 09/06/2019

Bidder/Offeror Authorized Representative

Signature: Title: Vice President Date: 9/5/2019

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



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: Atkins North America, Inc.

Address: 3250 West Commercial Boulevard, Suite 120 **City:** Fort Lauderdale **State:** FL **Zip:** 33309

Authorized Representative: Charlotte Maddox, PE, PMP, Vice President **Phone:** 954.733.7233

CBE Firm/Supplier Name: Florida ITS Engineers, LLC

Address: 3886 Crestwood Circle **City:** Weston **State:** FL **Zip:** 33331

Authorized Representative: Bo Gao, PE, PTOE, President **Phone:** 480.729.9273

- 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
ITS, traffic signal design	541330, 541340,541350		4.00 %
			%
			%

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

CBE Firm/Supplier Authorized Representative

Signature: Bo Gao Digitally signed by Bo Gao
Date: 2019.09.09 21:35:16 -0400 **Title:** President **Date:** 09/09/2019

Bidder/Offeror Authorized Representative

Signature: **Title:** Vice President **Date:** 9/9/2019

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.



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: Atkins North America, Inc.

Address: 3250 West Commercial Boulevard, Suite 120 City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Charlotte Maddox, PE, PMP, Vice President Phone: 954.733.7233

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

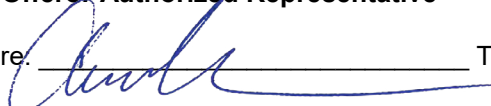
Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Civil Engineering	541330		6.00 %
			%
			%

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

CBE Firm/Supplier Authorized Representative

Signature:  Title: Vice President Date: 08/27/2019

Bidder/Offeror Authorized Representative

Signature:  Title: Vice President Date: 9/5/2019

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.



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: Atkins North America, Inc.

Address: 3250 West Commercial Boulevard, Suite 120 City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Charlotte Maddox, PE, PMP, Vice President Phone: 954.733.7233

CBE Firm/Supplier Name: Gartek Engineering Corp.

Address: 7210 SW 39 Terrance, Miami, FL 33155 City: Kendall State: FL Zip: 33155

Authorized Representative: Mel Garcia, P.E., LEED AP Phone: 305-668-997

- 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
Electrical and lighting			3.00 %
			%
			%

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

CBE Firm/Supplier Authorized Representative

Signature: [Signature] Title: Vice president Date: 08/28/2019

Bidder/Off
Signature: [Signature] Title: Vice president Date: 08/28/2019

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



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: Atkins North America, Inc.

Address: 3250 West Commercial Boulevard, Suite 120 City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Charlotte Maddox, PE, PMP, Vice President Phone: 954.733.7233

CBE Firm/Supplier Name: HBC

Address: 5200 NW 33rd Avenue, Suite 218 City: Fort Lauderdale State: FL Zip: 33308

Authorized Representative: Adebayo Coker Phone: 305 232 7932

- 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
Signing and pavement marking, roadway design, construction inspection	541330		6.00 %
			%
			%

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

CBE Firm/Supplier Authorized Representative

Signature: ADEBAYO T. COKER Title: President Date: 08/27/2019
2019.08.27 12:33:12 -0400

Bidder/Offeror Authorized Representative

Signature: [Handwritten Signature] Title: Vice President Date: 9/5/2019

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



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: Atkins North America, Inc.

Address: 3250 West Commercial Boulevard, Suite 120 City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Charlotte Maddox, PE, PMP, Vice President Phone: 954.733.7233

CBE Firm/Supplier Name: SOLID Consulting Engineers, Inc. / CEI

Address: 17991 SW 33rd Street City: Miami State: FL Zip: 33029

Authorized Representative: Oswaldo "Ossie" Larrazabal, P.E. Phone: (786) 255-2889

- 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
CEI	541330		3.00 %
			%
			%

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

CBE Firm/Supplier Authorized Representative

Signature: Oswaldo Larrazabal (Digitally signed by Oswaldo Larrazabal; Date: 2019.08.27 17:00:38 -0400) Title: Principal Date: 08/27/2019

Bidder/Offeror Authorized Representative

Signature:  Title: Vice President Date: 9/5/2019

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

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

October 16, 2018

Mark Micikas, Vice President
ATKINS NORTH AMERICA, INC.
4030 West Boy Scout Boulevard, Suite 700
Tampa, Florida 33607

Dear Mr. Micikas:

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
 - 4.2.3 - Major Bridge Design - Segmental
 - 4.3.1 - Complex Bridge Design - Concrete
- 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 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
 - 7.1 - 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
 - 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
- Group 11 - Engineering Contract Administration and Management
- Group 13 - Planning
 - 13.3 - Policy Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics
- Group 14 - Architect
- Group 15 - Landscape Architect
- Group 21 - Acquisition, Negotiation, Closing, and Order of Taking
- Group 24 - Acquisition Relocation Assistance
- Group 25 - Right of Way Clearing and Leasing

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 June 30, 2019 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
138.09%	117.00%	0.041%	Excluded	No	10.65%	14.47%*

*Interim Rates

*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

CBHK/kw



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

August 2, 2019

Naldo Gonzalez, Vice President
GANNETT FLEMING, INC.
800 NW 62nd Avenue, Suite 490
Miami, Florida 33126

Dear Mr. Gonzalez:

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
 - 5.3 - Complex Bridge Inspection
 - 5.4 - Bridge Load Rating
- 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
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization

- Group 9 - Soil Exploration, Material Testing and Foundations
 - 9.4.1 - Standard Foundation Studies
 - 9.5 - Geotechnical Specialty Laboratory Testing
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
- Group 11 - Engineering Contract Administration and Management
- Group 13 - Planning
 - 13.3 - Policy Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics
- Group 14 - Architect
- 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	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
157.35%	134.96%	0.226%	Reimbursed	No	10.65%	5.95%*

*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. THIBAUT, P.E.
SECRETARY

July 6, 2019

Adebayo Coker, President
HBC ENGINEERING COMPANY
8935 NW 35th Lane, Suite 201
Doral, Florida 33172

Dear Mr. Coker:

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 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

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

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection

Group 13 - Planning

- 13.3 - Policy 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
135.73%	78.21%	0.114%	Reimbursed	No	0.00%	1.46%*

*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

605 Suwannee Street
Tallahassee, FL 32399-0450

RON DESANTIS
GOVERNOR

KEVIN J. THIBAUT, P.E.
SECRETARY

July 24, 2019

Luis Jurado, President
PREMIERE DESIGN SOLUTIONS, INC.
12781 Miramar Parkway, Suite 205
Miramar, Florida 33027

Dear Mr. Jurado:

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
- 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
 - 13.5 - Subarea/Corridor 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 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
200.47%	75.16%	0.129%	Excluded	No	0.30%	9.98%*

*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. THIBAUT
SECRETARY

March 13, 2019

Bo Gao, President
FLORIDA ITS ENGINEERS LLC
3886 Crestwood Circle
Weston, Florida 33331

Dear Mr. Gao:

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
 - 7.3 - Signalization

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 June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
167.68%*	Reimbursed	No	8.11%*

*Interim Rates

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

605 Suwannee Street
Tallahassee, FL 32399-0450

RON DESANTIS
GOVERNOR

KEVIN J. THIBAUT, P.E.
SECRETARY

June 19, 2019

Oswaldo Larrazabal, Owner
SOLID CONSULTING ENGINEERS, INC.
17991 SW 33rd Street
Miramar, Florida 33029

Dear Mr. Larrazabal:

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 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

Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Field Direct Expense
182.05%	0.841%	Reimbursed	No	11.34%*

*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. THIBAUT
SECRETARY

February 7, 2019

Paula Riveros, Business Development Manager
GARTEK ENGINEERING CORPORATION
2700 North 29th Avenue, Suite 303
Hollywood, Florida 33020

Dear Ms. Riveros:

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 7 - Traffic Operations Design
- 7.2 - Lighting

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00. This status shall be valid until February 7, 2020 for contracting purposes.

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,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell
Professional Services
Qualification Administrator

CBHK/kw

www.fdot.gov



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
 - 13.8 - 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,

Cariayn Kell
Professional Services
Qualification Administrator

www.fdot.gov



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, 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.

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



Ron DeSantis, Governor



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

SERBIA, ANTONIO

3144 BAYBERRY WAY
MARGATE FL 33063

LICENSE NUMBER: PE55828

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com



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Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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GARCIA, MELQUIADES

7210 SW 39TH TERRACE
MIAMI FL 331550000

LICENSE NUMBER: PE24221

EXPIRATION DATE: FEBRUARY 28, 2021

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Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Ha Nguyen

Has completed the requirements for:

Earthwork Construction Inspection - Level 1

Expiration Date: October 31, 2019*



Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01.



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ALVAREZ, TERESITA DE JESUS

19429 S.W. 54 STREET
MIRAMAR FL 33029-6271

LICENSE NUMBER: PE43850

EXPIRATION DATE: FEBRUARY 28, 2021

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NOTICE

FBPE no longer requires that continuing education be reported by the provider. Instead licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of one (1) hour of Florida laws and rules, one (1) hour of professional ethics, four (4) hours of area of practice and twelve (12) hours in any topic pertaining to the practice of engineering, all taken prior to February 28, 2017. (See s. 471.017, Fl. Stat.) Any CE hours taken after February 28, 2017 will result in a \$100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

State of Florida

Board of Professional Engineers

Attests that

William Acey Roberts , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
 Expiration: 2/28/2019
 Audit No: 228201933885

P.E. Lic. No:
 82914

State of Florida

Board of Professional Engineers

Attests that

William Acey Roberts , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201933885 I

P.E. Lic. No:

82914



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

Broward County Board of
 County Commissioners

PNC2119168P1

BOARD OF LANDSCAPE ARCHITECTURE
 2601 BLAIR STONE ROAD
 TALLAHASSEE FL 32399-0783

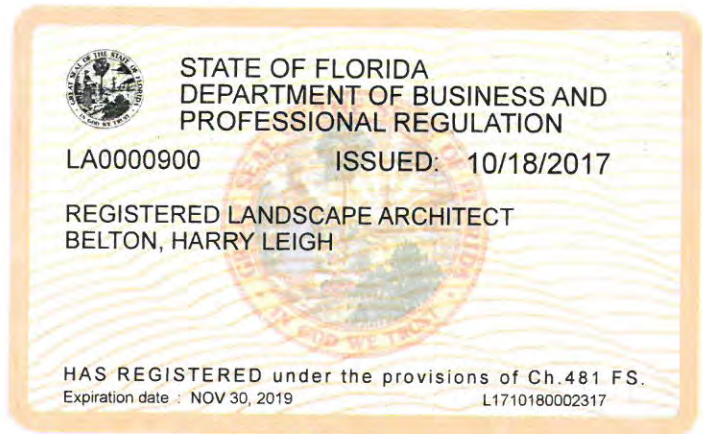
(850) 487-1395

BELTON, HARRY LEIGH
 3250 W. COMMERCIAL BLVD.
 SUITE 120
 FT. LAUDERDALE FL 33309

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

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

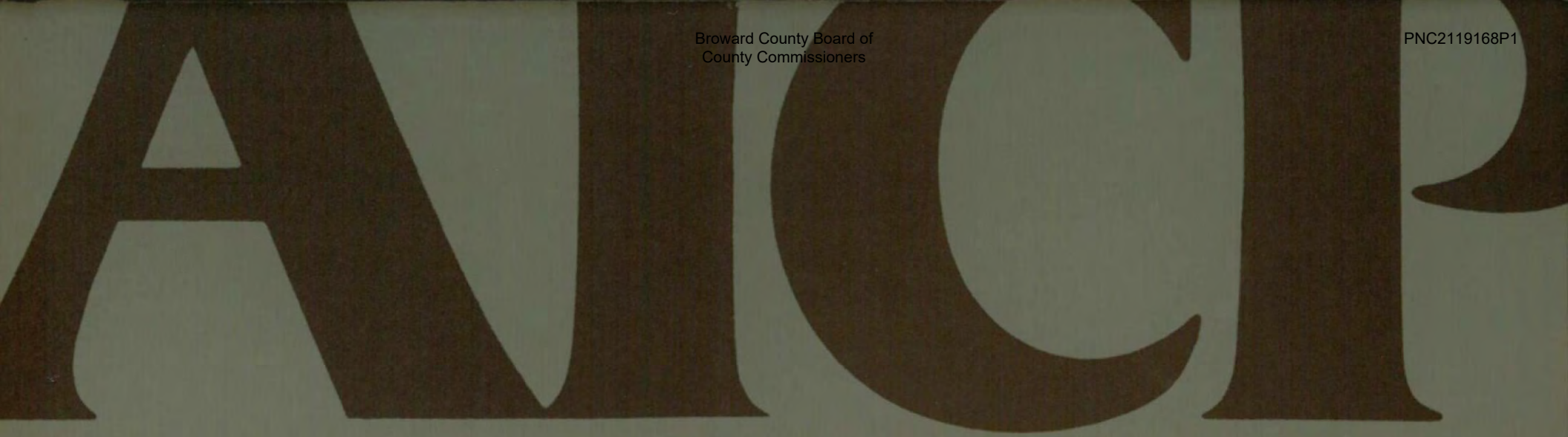
LICENSE NUMBER	
LA0000900	

The LANDSCAPE ARCHITECT
 Named below HAS REGISTERED
 Under the provisions of Chapter 481 FS.
 Expiration date: NOV 30, 2019



BELTON, HARRY LEIGH
 3250 W. COMMERCIAL BLVD.
 SUITE 120
 FT. LAUDERDALE FL 33309





WYATT F. BOWERS

HAS QUALIFIED AS A

MEMBER

AMERICAN INSTITUTE OF CERTIFIED PLANNERS

JULY 1998

DATE OF MEMBERSHIP

PRESIDENT

EXECUTIVE DIRECTOR



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

MENENDEZ, DANIEL P.

6971 SW 159 PLACE
MIAMI FL 33193

LICENSE NUMBER: PE67473

EXPIRATION DATE: FEBRUARY 28, 2021

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JONATHAN ZACHEM, SECRETARY



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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

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HERNANDEZ GREGORAT, RUBEN A.

8820 NW 114TH PL
DORAL FL 33178

LICENSE NUMBER: PE79629

EXPIRATION DATE: FEBRUARY 28, 2021

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Ron DeSantis, Governor

Halsey Beshears, Secretary



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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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MYERS, GLENN FRANCIS

2804 EAST ABIACA CIRCLE
DAVIE FL 333287118

LICENSE NUMBER: PE32644

EXPIRATION DATE: FEBRUARY 28, 2021

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

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GONZALEZ, HERMINIO F.

9510 SW 29 TERRACE
MIAMI FL 331650000

LICENSE NUMBER: PE51944

EXPIRATION DATE: FEBRUARY 28, 2021

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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BOURDON, JEREMY JOHN

14479 SW 15TH STREET
MIAMI FL 33184

LICENSE NUMBER: PE59933

EXPIRATION DATE: FEBRUARY 28, 2021

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Halsey Beshears, 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

FIELDING, JOHN CALEB

209 S MARIE DRIVE
PANAMA CITY FL 32401

LICENSE NUMBER: PE79082

EXPIRATION DATE: FEBRUARY 28, 2021

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Transportation Professional Certification Board, Inc.

certifies that

John Caleb Fielding

*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 4014 issued in Washington, DC, USA*

3/29/2016



*Kenneth W. Acheret
Chair*



*Jeffrey F. Paniati
Executive Director*



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

SIGLER, LATOSHA L.

7340 SW 5TH STREET
PLANTATION FL 33317

LICENSE NUMBER: PE78738

EXPIRATION DATE: FEBRUARY 28, 2021

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Transportation Professional Certification Board Inc.

certifies that

Paul Joseph Mannix

*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 890 issued in Washington, D.C., U.S.A.

April 16, 2002

Steven D. Hofener
Chair



[Signature]
Executive Director



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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

SCHNETTLER, JACK STEVEN

8811 GATEHOUSE ROAD #6
PLANTATION FL 333243718

LICENSE NUMBER: PE41672

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 PROFESSIONAL ENGINEERS

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

LOPEZ ROJAS, HECTOR D.

800 WATERFORD WAY
7TH FLOOR
MIAMI FL 33126

LICENSE NUMBER: PE70792

EXPIRATION DATE: FEBRUARY 28, 2021

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JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

RYAN, MICHAEL RICHARD

2435 SW 1ST TERRACE
CAPE CORAL FL 33991

LICENSE NUMBER: PE68358

EXPIRATION DATE: FEBRUARY 28, 2021

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Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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

SCHOFNER, MICHELLE HUTSON

4710 W. NEPTUNE STREET
TAMPA FL 33629

LICENSE NUMBER: PE51977

EXPIRATION DATE: FEBRUARY 28, 2021

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Halsey Beshears, Secretary



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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

SUAREZ, MARIA CONSTANZA

520 SE 5TH AVENUE
APT 2609
FORT LAUDERDALE FL 33301

LICENSE NUMBER: PE73993

EXPIRATION DATE: FEBRUARY 28, 2021

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Certificate of Qualification

THIS CERTIFIES THAT

Paul Mannix

ATTENDED AND SUCCESSFULLY COMPLETED THE
FLORIDA DOT APPROVED COURSE:

Maintenance of Traffic – Advanced Refresher FDOT Course No. BT-05-0083

Conducted at ATKINS Office in Orlando, Florida on February 26, 2013 and constituting
8 Professional Development Hours per Florida Board of Professional Engineers
Certificate # **PBSJ-0502** Expiration Date: February 26, 2017



ATKINS

Ann Yakimovicz

Ann Yakimovicz, Training Manager
Atkins University
FBPE Continuing Education Provider No. CEP 0003412

Larry L. Campbell

Larry L. Campbell
FDOT Instructor & Course Coordinator
FDOT Provider No. 44



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.: **LS4431**
Expiration Date February 28, 2021

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

ROBERTO MANTECON
14011 SW 85TH AVE
PALMETTO BAY, FL 33158-1035

ADAM H. PUTNAM
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.



This Certifies that
Darren L. Badore

Has Completed a Florida Department of Transportation Approved
Temporary Traffic Control (TTC) Intermediate Course.

Date Expires: 11/17/2020

Certificate # 22829

Instructor: Jeremiah McCarthy FDOT Provider # 140

Metro Florida Safety Council
Phone: 954-603-1900
Tri-County
Dade, Broward, Palm Beach,
metrofloridasafetycouncil.com
mlyons@metrofloridasafetycouncil.com



Certificate of Completion

Darren L. Badore

**Has Completed a Florida Department of
Transportation Approved Temporary Traffic
Control (TTC) Intermediate Course.**

11/17/2020

Date Expires

140

FDOT Provider #

Jeremiah McCarthy

Instructor

22829

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



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

MANNIX, PAUL JOSEPH

482 SOUTH KELLER ROAD
ORLANDO FL 32810

LICENSE NUMBER: PE57712

EXPIRATION DATE: FEBRUARY 28, 2021

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AICP

WILEY CARLTON PAGE, JR.

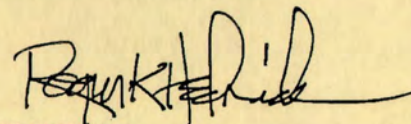
HAS QUALIFIED AS A

MEMBER

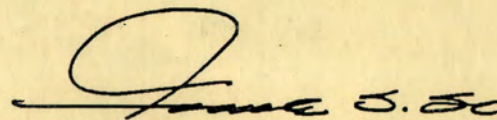
AMERICAN INSTITUTE OF CERTIFIED PLANNERS

JULY 1998

DATE OF MEMBERSHIP



PRESIDENT



EXECUTIVE DIRECTOR



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



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

HBC ENGINEERING COMPANY

13155 SW 134TH STREET
SUITE 207
MIAMI FL 33186

LICENSE NUMBER: CA27160

EXPIRATION DATE: FEBRUARY 28, 2021

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

BOARD OF PROFESSIONAL ENGINEERS
2639 NORTH MONROE STREET
SUITE B-112
TALLAHASSEE FL 32303

850.521.0500

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Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!


STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 CA27160 ISSUED: 12/28/2018
 ENGINEERING BUSINESS
 HBC ENGINEERING COMPANY

 Signature
 LICENSED UNDER CHAPTER 471, FLORIDA STATUTES
 EXPIRATION DATE: FEBRUARY 28, 2021



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



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

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

LOPEZ, JOSE A.

HC 4 BOX 16201

MOCA

PR 00676

LICENSE NUMBER: PE81014

EXPIRATION DATE: FEBRUARY 28, 2021

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STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS
2639 NORTH MONROE STREET
SUITE B-112
TALLAHASSEE FL 32303

850.521.0500

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

PE81014 ISSUED: 01/04/2019
 PROFESSIONAL ENGINEER
 LOPEZ, JOSE A.

Signature

LICENSED UNDER CHAPTER 471, FLORIDA STATUTES
 EXPIRATION DATE: FEBRUARY 28, 2021

Broward County Board of
County Commissioners



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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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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CERTIFICATE OF AUTHORIZATION – THOMPSON AND ASSOCIATES, INC.


 Ron DeSantis, Governor Halsey Beshears, Secretary 

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



THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
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THOMPSON & ASSOCIATES, INC. CIVIL ENGINEERING
PO BOX 22398
FORT LAUDERDALE FL 33316

LICENSE NUMBER: CA28185
EXPIRATION DATE: FEBRUARY 28, 2021
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PROFESSIONAL ENGINEERING LICENSES – JAMES F. THOMPSON


 Ron DeSantis, Governor Halsey Beshears, Secretary 

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


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THOMPSON, JAMES FRANCIS
PO BOX 22398
FORT LAUDERDALE FL 33335

LICENSE NUMBER: PE54731
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PROFESSIONAL ENGINEERING LICENSES – SHAHIN HEKMAT



Ron DeSantis, Governor

Halsey Beshears, Secretary




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
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PROFESSIONAL ENGINEERING LICENSES – NOEL RODRIGUEZ



Ron DeSantis, Governor

Halsey Beshears, Secretary




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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
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RODRIGUEZ, NOEL
412 SE 18TH STREET
FORT LAUDERDALE FL 33316

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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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TREVIN, PEDRO LUIS

4603 SW 140TH PL
MIAMI FL 33175-3642

LICENSE NUMBER: PE15309

EXPIRATION DATE: FEBRUARY 28, 2021

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3230 West Commercial Boulevard
Suite 100
Ft. Lauderdale, FL 33309-3400
Tel: 954.733.7233

www.atkinsglobal.com/northamerica

Supplier: **Atkins North America, Inc.**

**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

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:
$$\frac{\text{(Lowest Proposed Price/Vendor's Price)}}{\text{Maximum Number of Points for Price}} = \text{Price Score}$$
 - 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.

<u>Estimated Contract Amount</u>	<u>Filing Fee</u>
\$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: **Atkins North America, Inc.**

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:**Atkins North America, Inc.**
2. Doing Business As/ Fictitious Name (if applicable):
3. Federal Employer I.D. no. (FEIN):**59-0896138**
4. Dun and Bradstreet No.:**050439223**
5. Website address (if applicable): **www.atkinsglobal.com**
6. Principal place of business address: **4030 West Boy Scout Boulevard, Suite 700, Tampa, FL 33607**
7. Office location responsible for this project: **3250 West Commercial Boulevard, Suite 120, Fort Lauderdale, FL 33309**
8. Telephone no.:**(954) 733 7233** Fax no.:**(954) 733 1101**
9. Type of business (check appropriate box):
 - Corporation (specify the state of incorporation):**Florida**
 - 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): **233840**
11. List name and title of each principal, owner, officer, and major shareholder:
 - a) **George Nash, CEO**
 - b) **C. Ernest Edgar, IV, Secretary**
 - c) **David Quinn, CFO/Treasurer**
 - d)
12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name: **Humberto Alonso, AIA**

Title: **Vice President**

E-mail: **humberto.alonso@atkinsglobal.com**

Telephone No.: **305.514.3550**

Name: **Ruben A. Hernandez Gregorat PE, MEM**

Title: **Vice President**

E-mail: **Ruben.HernandezGregorat@atkinsglobal.com**

Telephone No.: **305.514.3233**

- 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:

Charlotte Maddox, PE	Vice President	8/16/2019
*AUTHORIZED SIGNATURE/NAME	TITLE	DATE

Vendor Name: **Atkins North America, 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: Atkins North America, Inc.**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: Atkins North America, Inc.

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:

Lobbyist's Firm:

Phone:

E-mail:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

Authorized Signature/Name: Charlotte Maddox, PE Date: 8/15/2019

Title: Vice President

Vendor Name: Atkins North America, Inc.

Supplier: Atkins North America, 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).

Charlotte Maddox, PE, PMP	Vice President	Atkins North America, Inc.	8/23/2019
Authorized Signature/Name	Title	Vendor Name	Date



Supplier: Atkins North America, Inc.

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) <input type="checkbox"/> Parent, <input type="checkbox"/> Subsidiary, or <input type="checkbox"/> Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: See Evaluation Criteria Packet
	Or No <input type="checkbox"/>
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
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 <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: Atkins North America, Inc.

Supplier: Atkins North America, Inc.

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: Atkins North America, Inc.

Supplier: Atkins North America, Inc.

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.	Tradewinds Park Feasibility Study our Evaluation Criteria.	P1019501B1	Public Works Department	5/28/2014	24,453	upon request
2.	Full-Scale Security Exercise	N/A	Sheriff's Office	5/29/2014	79800	
3.	Everglades Holiday Park Improvements	N/A	Public Works Department	6/27/2014	126066	
4.	Davie Landfill Stabilization Study	P1019501B1	Public Works Department	12/9/2014	29005	
5.	New	P1019501B1	School	2/5/2015	1480	

	Courthouse Breezeway Artwork Value Engineered Design Cost Estimating Services		Board of Broward County			
6.	Southwest Regional Landfill Closure and Long-term Care Cost Estimating Services	P1019501B1	School Board of Broward County	5/19/2015	8431	
7.	Southwest Regional Landfill Closure and Long-term Care Cost Estimating Services	P1019501B1	Public Works Department	8/21/2015	27711	

Grand Total **296946**

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: Atkins North America, Inc.

Charlotte Maddox, PE, PMP
Authorized Signature/Name

Vice President
Title

8/29/2019
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.							
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: Atkins North America, Inc.

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.

Charlotte Maddox, PE	Vice President	Atkins North America, Inc.	8/15/2019
Authorized Signature/Name	Title	Vendor Name	Date

Supplier: **Atkins North America, Inc.**

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: **Craig A. Smith and Associates**

Subcontracted Firm's Address: **21045 Commercial Trail Boca Raton, FL 33486**

Subcontracted Firm's Telephone Number: **561.314.4445**

Contact Person's Name and Position: **Dimitrios Scarlatos**

Contact Person's E-Mail Address: **dscarlatos@craigasmith.com**

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided: **Subsurface Utilities Engineering**

2. Subcontracted Firm's Name: **Florida ITS Engineers, LLC**

Subcontracted Firm's Address: **3886 Crestwood Cir, Weston, FL 33331**

Subcontracted Firm's Telephone Number: **480.729.9273**

Contact Person's Name and Position: **Bo Gao, Sr. Project Manager/Principal**

Contact Person's E-Mail Address: **fitsengineers@gmail.com**

Supplier: Atkins North America, Inc.

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: **Charlotte Maddox**

Title: **Vice President**

Vendor Name: **Atkins North America, Inc.**

Date: **8/15/2019**

Supplier: Atkins North America, Inc.

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: **Atkins North America, Inc.**

Vendor's address listed in its submittal is:

**3230 West Commercial Boulevard, Suite 100
Ft. Lauderdale, Florida 33309-3400**

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.

Charlotter Maddox, PE	Vice President	Atkins North America, Inc.	8/15/2019
Authorized Signature/Name	Title	Vendor Name	Date

Supplier: Atkins North America, Inc.

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: **3250 West Commercial Boulevard, Suite 120, 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.

Charlotte Maddox, PE	Vice President	Atkins North America, Inc.	8/15/2019
AUTHORIZED SIGNATURE/NAME	TITLE	COMPANY	DATE