

**Bid Tabulation Packet
for
Solicitation PNC2114364P1**

**Continuing Eng. Services for Transportation & General
Civil Engineering Projects**

Bid Designation: Public



Broward County Board of County Commissioners

Atkins

Bid Contact **Jennifer Pickard**
jennifer.pickard@atkinsglobal.com
Ph 678-247-2548

Address **FORT LAUDERDALE, FL 33309**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PNC2114364P1--01-01		Supplier Product	First Offer -	1 / each	Y	Y
	PNC2114364P1	Code: PNC2114364P1 - -01-01 Supplier Notes: Atkins is submitting the attached qualifications to be considered for Solicitation PNC2114364P1 Continuing Engineering Services for Transportation & General Civil Engineering Projects for the Broward County Board of County Commissioners.				
Supplier Total					\$0.00	

Atkins

Item: **PNC2114364P1**

Attachments

- Supplemental Information-Agreement Exception Form_ D. Standard Agreement Language Requirements 3. 4, and 5.pdf
- Supplemental Information-ANA 2018 Directors-Officers_Vendor Questionnaire Form Question 12.pdf
- Supplemental Information-Broward County business license_ Atkins_Responsibility Criteria 3.pdf
- Supplemental Information-Certificate of Good Standing_ Atkins_Responsibility Criteria 3.pdf
- Supplemental Information-FDOT Prequalification Letter_Atkins_Additional Responsibility Criteria 2.pdf
- Supplemental Information-FDOT Prequalification Letter_Keith and Associates_Additional Responsibility Criteria 2.pdf
- Supplemental Information-FDOT Prequalification Letter_Nova_Additional Responsibility Criteria 2.pdf
- Supplemental Information-FDOT Prequalification Letter_PDS_Additional Responsibility Criteria 2.pdf
- Supplemental Information-FDOT Prequalification Letter_RADISE_Additional Responsibility Criteria 2.pdf
- Supplemental Information-FDOT Prequalification Letter_Transystems_Additional Responsibility Criteria 2.PDF
- Supplemental Information-Insurance Requirements_Atkins_Responsibility Criteria 5.pdf
- Supplemental Information-Insurance-Crime and FidelityEmployee Dishonesty_Atkins_Responsibility Criteria 5.PDF
- Supplemental Information-Litigation List_Last 3 Years_Atkins_Responsibility Criteria 1.pdf
- Supplemental Information-LitigationHistoryForm_Shaw Farms_Atkins_Responsibility Criteria 1.pdf
- Supplemental Information-LitigationHistoryForm_Wellington Realty Co_Atkins_Responsibility Criteria 1.pdf
- Supplemental Information-LocalVendorCert_Broward County Tax Receipt_ Atkins_Responsibility Criteria 3.pdf
- Supplemental Information-LocalVendorCert_Miami-Dade County Tax Receipt_ Atkins_Responsibility Criteria 3.pdf
- Supplemental Information-Office of Economic and Small Business Development CBE Goals Form_Nova Signed Letter of Intent.pdf
- Supplemental Information-Office of Economic and Small Business Development CBE Goals Form_PDS Signed Letter of Intent_A.PDF
- Supplemental Information-Office of Economic and Small Business Development CBE Goals Form_RADISE Signed Letter of Intent.pdf
- Supplemental Information-Subcontractors-Subconsultants-Suppliers Information Form.pdf
- Supplemental information-Vendor Questionnaire Form_Questions 17 and 21.pdf
- Supplemental Information-Vendor Reference Verification Form 1_FDOT_Atkins_Evaluation Criteria 10.pdf
- Supplemental Information-Vendor Reference Verification Form 2_City of Miami_Atkins_Evaluation Criteria 10.pdf
- Supplemental Information-Vendor Reference Verification Form 3_Altamonte Springs_Atkins_Evaluation Criteria 10.PDF
- Supplemental Information-Vendor Reference Verification Form 4_FDOT_Atkins_Evaluation Criteria 10.pdf
- Supplemental Information-Vendor Reference Verification Form 5_Keith and Associates_Evaluation Criteria 10.pdf
- Supplemental Information-Vendor Reference Verification Form 6_Nova_Evaluation Criteria 10.pdf
- Supplemental Information-Volume of Previous Work_Atkins_Evaluation Criteria 15.pdf
- DELETE_Supplemental Information-Vendor Reference Verification Form 7_PDS_Evaluation Criteria 10.pdf
- Supplemental Information-Vendor Reference Verification Form 8_Quality Counts_Evaluation Criteria 10.pdf
- Evaluation Criteria Response Form-Vendor Questionnaire Form, PNC2114364P1_Atkins.pdf
- Supplemental Information-Evaluation Criteria Response Form_Atkins Submittal Check-Off List.pdf
- Supplemental Information-Evaluation Criteria Response Form_Question 1.pdf
- Supplemental Information-Evaluation Criteria Response Form_Question 2 .pdf
- Supplemental Information-Evaluation Criteria Response Form_Question 3.pdf
- Supplemental Information-Evaluation Criteria Response Form_Question 4.pdf
- Supplemental Information-Evaluation Criteria Response Form_Question 5.pdf

Supplemental Information-Evaluation Criteria Response Form_Question 6.pdf

Supplemental Information-Evaluation Criteria Response Form_Question 7.pdf

Supplemental Information-Evaluation Criteria Response Form_Question 8.pdf

Supplemental Information-Evaluation Criteria Response Form_Question 9.pdf

Supplemental Information-Evaluation Criteria Response Form_Question 10.pdf

Supplemental Information-Evaluation Criteria Response Form_Question 11.pdf

Supplemental Information-Evaluation Criteria Response Form_Question 12.pdf

Supplemental Information-Evaluation Criteria Response Form_Question 15.pdf

D. Standard Agreement Language Requirements Supplemental Information - Agreement Exception Form

Exception 1

Under Article 10. Miscellaneous, after Section 10.1 Ownership of Documents, add the following:

Provided, however, that none of the documents or materials is intended or represented by Consultant to be suitable for reuse by the County, or others on any extension of the project or on any other project. Any reuse without written verification or adaptation by Consultant for the specific purpose intended will be at County's sole risk and without liability or legal exposure to Consultant.

Exception 2

Under Article 10. Miscellaneous, after Section 10.34 Workforce Investment Program, add the following:

10.35. Mutual Waiver of Consequential Damages. On behalf of themselves, their governing officers and employees, the parties waive all claims against each other for consequential losses or damages, and punitive damages, whether arising in contract, warranty, tort (including negligence), strict liability or otherwise, including but not limited to losses of use, excess construction costs, alternative means or methods, or losses of funding.

ATKINS NORTH AMERICA, INC.

FY 2018 DIRECTORS AND OFFICERS

Board of Directors

George L. Nash, Jr.

Barry J. Schulz

Michael M. Newton

C. Ernest Edgar IV

Officers

EXHIBIT A

EXHIBIT A
ATKINS NORTH AMERICA, INC.
FY 2018 OFFICERS & ADDRESSES

Office Title, Officer Names and Office Addresses

President/Chief Executive Officer - George L. Nash, Jr., EDISON

Sen. VP/Chief Operating Officer–Barry J. Schulz, DEN

Sen. V.P./Chief Financial Officer/Treasurer– David D. Quinn, Sr. BOS

Sen. V.P. – Kenneth J. Burns, Jr., DEN

Sen. V.P./General Counsel/Secretary –C. Ernest Edgar IV, TPA

Sen. V.P. – Paul E. Demit, ATL

Sen. V.P. – Phil Gruber, DEN

Sen. V.P. – Donna M. Huey, ORL

Sen. V.P. - Priya Jain, EDISON

Sen.V.P. – Justin P. Jones, PHX

Sen. V.P. – Steven C. Malecki, DEN

Sen. V.P. – Maureen M. Nayowith, DEN

Sen. V.P. – Michael M. Newton, TPA

Sen. V.P. – James R. Steele, Jr., TPA

V.P. – John C. Adams, RAL

V.P. – Humberto P. Alonso, Jr., MIA

V.P. – Carlos J. Arboleda-Osorio, MIA

V.P. – Matthew S. Baird, HEND

V.P. – Mark A. Banks, DEN

V.P. – Stefany M. Barone, DEN

V.P. – Wade M. Battles, HOU

V.P. – Robert A. Bailey, AUS

V.P. – Edward G. Beadenkopf, ALEX

V.P./Assistant Secretary – Donya M. Becton, MIA

V.P. – Robert B. Bolick, ATL

V.P. – Mourad Bouhafis, ATL

V.P. – Jeremy J. Bourdon, MIA

V.P. – Kevin W. Brown, MIA

V.P. – Wesley M. Burford, AUS

V.P. – Ronald J. Caldi, TPA

V.P. – Kevin P. Callahan, ORL

V.P. – Sergio Callen, New York

V.P. – Ulisses D. Camilo, New York

V.P. – Robin Campbell, ALEX

V.P. – David J. Carter, MIA

V.P. – Dennis J. Cearn, CALV

V.P. – Robert W. Chandler, BART

V.P. – Catherine Carr Clinch, CALV

V.P. – Amanda Corson, AUS

V.P. – Matthew P. D'Angelo, NASH

V.P. – Donald R. Deis, JAX

V.P. – Thomas J. Delaney, ORL

V.P. – W. Bradley Dennard, NASH

V.P./Assistant Secretary – Rene de los Rios, MIA

V.P. – P. Michael DePue, II, MAD

V.P. – Harshal B. Desai, HEN

V.P. – Michael A. Dewyre, TPA

V.P. – Emmett Du Bose, Jr. DAL

V.P. – James H. Duke, III ORANGE

V.P. – Donald L. Erwin, Jr., ORL

V.P. – Richard W. Galloway, AUS

V.P. – Susan A. Gratch, ORL

V.P. – Jill S. Gurak, RAL

V.P. – Kurt A. Goddard, ATL

V.P. – Brian D. Hall, AUS

V.P. – Timothy J. Hammer, DEN

V.P. – Roswell A. Hathaway, III, ATL

V.P. – Kenneth P. Hawkins, DEN

V.P. – Jeffrey C. Helms, PENSA

V.P. – Tracy L. Hill, AUS

V.P. – Michael C. Hogan, AUS

V.P. – Daniel Q. Humphrey, NORMAN

V.P./Assistant Secretary – Jayanth Jayaram, TPA

V.P. – James M. Kapinos, ALEX

V.P. – Elizabeth R. Kraft, DEN

V.P. - Wade C. Kelly, MAR

V.P. – Thomas S. Knuckey, ORL

V.P. – Todd A. Knuckey, CHIC

V.P. – Patricia L. Komara, ALEX

V.P. – Emily J. Kubovchik, HEND

V.P. – Jeffrey R. Kullman, DEN

V.P. – Darin R. Larson, FT. MYERS

V.P. – Luke E. LeBas, BAT

V.P. – Timothy P. Ledet, HOUS
V.P. – Kathleen S. Leo, ORL
V.P. – Daniel A. Liddle, DEN
V.P. – Derek Lindvall, DEN
V.P. – Scott A. Logan, NASH
V.P. – Thomas W. Lowe, AUS
V.P. – Charlotte A. Maddox, TPA
V.P. – Kevin L. Martin, VEST
V.P. – Steven W. Martin, ORL
V.P. – Willson S. McBurney, ORL
V.P. – Robert T. McCarty, AUS
V.P. – Regan P. McDonald, ALEX
V.P. – Donald W. McEvoy, CALV
V.P. –Helen T. McSwain, ATL
V.P. – Steven D. McWilliams, ORL
V.P. – Mark D. Micikas, TPA
V.P. – Alastair Miller, SAN ANT
V.P. – Massoud Moradi, ORL
V.P. - Darrell A. Nance, ORL
V.P. – Elizabeth T. Norris, AUS
V.P. – Francis O’Connor, EDISON
V.P. – Praveen K. Ommi, ORL
V.P. –Wiley C. Page, Jr. JAX
V.P. – Shayne M. Paynter, TPA
V.P. – Martin J. Pease, AUS

V.P. – Roger A. Phillipi, RENO
V.P. - William P. Pitcher, FT LAUD
V.P. – Robert M. Poll, TPA
V.P. – Victor P. Poteat, ORL
V.P. – Susan C. Reinhardt, CALV
V.P. - Harry G. Rice, VEST
V.P. – Michael R. Ryan, FT. MYERS
V.P. – Frank J. Schultz, DEN
V.P. – Thomas J. Schweitzer, CALV
V.P. – Shad Shafie, SAN ANT
V.P. – Joseph L. Shalkowski, AUS
V.P. – Raj Singh, ORL
V.P. – Scott A. Smiley, AUS
V.P. –Angelo A. Spata, HEND
V.P. – Terry A. Suehr, ALEX
V.P. – Ben R. Sprague, HEND
V.P. – Matthew A. Taylor, ORL
V.P. – Jennifer M. Tsien, ATL
V.P. – Mary C. Volpe, CAL
V.P. – Del D. Walker, DEN
V.P. – Khurran (KD) D. Warach, DAL
V.P. – Noelle M. Warren, CHIP
V.P. – Bill N. Watts, LAKE
V.P. – Kirk S. Webb, DEN
V.P. – Nathan L. West, ORL TPKE
V.P. – Chester W. Wendrzyk, MEL

V.P. – Lisa M. Wheatly, DEN

V.P. – Gregory J. Wilk, DAL

V.P. – Marcus A. Wittich, ATL

V.P. – Rosemary E. Woods, TAL

V.P. – Jeffrey Wright, ALEX

V.P. – Taylor P. Wright, ATL

V.P. – Robert C. Yurick, CAL

V.P. – Terrance J. Zable, ORL

Assoc. V.P. – Clifton D. Austin, AUS (ARCHITECTURE, OH)

Assoc. V.P. – Chad E. Freeman, ATL (REAL ESTATE, GA AND NC)

Assoc. V.P. – Robert G. Garner, ATL (LAND SURVEY, GA)

Assoc. V.P. - Laurence (Larry) Levis, MIA (ARCHITECTURE, FL)

Assoc. V.P. - Robert W. Lux, Jr., ATL (LAND SURVEY, MS)

Assoc. V.P. - Desiderio “Desi” Maldonado, TAL (ENGINEERING, US VI)

Assoc. V.P. – Roberto D. Mantecon, MIA (LAND SURVEY, FL)

Assoc. V.P. – Debra K. Reddick, ORL (REAL ESTATE, FL)

Assoc. V.P. – Gary D. Reinhardt, AUS (OFFSITE) (REAL ESTATE, TX)

Assoc. V.P. – James R. Young, Jr., JACK (ENGINEERING, MS)

OFFICE ABBREVIATIONS:

ALEX – 2318 Mill Road, Suite 1000, Alexandria, VA 22314; 703/535-3008; Fax 703/535-1031;

ATL - 1600 River Edge Parkway, Suite 700, Atlanta, GA 30328; 770/933-0280; Fax 770/933-0691;

AUS – 11801 Domain Boulevard, Building 1, Ste. 500, Austin, TX 78758; 512/327-6840; Fax 512/327-2453;

BARTOW – 600 North Broadway Avenue, Ste. 300, Bartow, FL 33830-3833; 863/533-7000; Fax 863/533-7888;

BATON ROUGE: 445 North Boulevard, Ste. 805, Baton Rouge, LA 70802; 225-663-5150

BOS (F+G) – 10 High Street, Ste. 705, Boston, MA 02110; 617/423-5548; 617/423-5578

CALV - 3901 Calverton Blvd, 4th Floor, Beltsville, MD 20705; 301/210-6800; 301/210-5156;

CHAR – 5200 77 Center Dr., Ste. 500, Charlotte, NC 28217; 704/522-7275; Fax 704/525-2838;

CHIP -1141 Jackson Ave., Chipley, FL 32428; 850/638-2288; Fax 850/638-3002;

DAL – 18383 Preston Rd., Dallas, TX 75252; 972/818-7275; Fax 972/380-2609;

DEN – 7604 Technology Way, Ste. 400, Denver, CO 80237; 303/221-7275; Fax 305/221-7276;

FT. LAUD – 3230 W. Commercial Blvd., Ste. 100, Ft. Lauderdale, FL 33309; 954/733-7233; Fax 954/733-1101;

FT. MYERS – 1514 Broadway, Ste. 203, Ft. Myers, FL 33901-3015; 239-334-7275; Fax 239/334-7277;

HEND – 2270 Corporate Circle, Ste. 200, Henderson, NV 89014; 702/263-7275; Fax 702/263-7200;

HOUS – 1250 Wood Branch Park Dr., Ste. 300, Houston, TX 77077; 281/493-5100; Fax 281/493-1047;

JACK – 4 River Bend Place, Ste. 210, Jackson, MS 39232; 601/936-7228; Fax 601/936-6677;

JAX - 7406 Fullerton St., Ste. 350, Jacksonville, FL 32256; 904/363-6100; Fax 904/363-8811;

JAX-EVER – Everglades Partners Joint Venture Project, 701 San Marco Blvd., Ste. 1200, Jacksonville, FL 32207-8175; 904/232-3506; Fax 904/232-1506; /PROJECT OFFICE

LA – 12301 Wilshire Boulevard, Ste. 430, Los Angeles, CA 90025; 310/268-8132; Fax 310/268-8175; (Full sublease)

LAKE CITY – 840 Southwest Main Blvd., Ste. 102, Lake City, FL 32025; 386/754-1546; Fax 386/754-0382;

LYNN – 20700 44th Avenue West, Suite 110, Lynnwood, WA, 98036; 425/329-3667; Fax 425-329-3691

MAR – 192 Anderson Street, Marietta, Ste. 225, GA 30060; 770/422-1902; Fax 770-426-5316;

MEL – 7175 Murrell Road, Ste. 101, Melbourne, FL 32940-7999; 321/242-4942; Fax 321/242-6101;

MIA - 2001 NW 107 Avenue, Miami, FL 33172-2507; 305/592-7275; Fax 305/471-8932;

NASH – 404 BNA Drive, Ste. 600, Nashville, TN 37217; 615/399-0298; Fax 615/399-0263;

NEW YORK (F+G) – 11 East 26th Street 18th Floor, New York New York 10010-1402; 212/252-7070; Fax 212/213-1138;

NORMAN - 350 David L. Boren Boulevard, Ste. 1500, Norman, OK 73072; 405/321-2480; Fax 405/321-2490

ORANGE – 770 The City Drive South, Ste. 5000, Orange, CA 92868-4946; 714/750-7275; Fax: 714/750-2501;

ORL - 482 South Keller Road, Orlando, FL 32810; 407/647-7275; Fax 407/740-8958;

ORL TPKE - Florida's Turnpike Headquarters, Mile Post 263, Building 5315, Ocoee, FL 34761; 407/532-3999; Fax: 407/532-3989;

PENSA – 2114 Airport Blvd., Pensacola, FL 32504; 850/478-9844; Fax: 850/478-0620;

PHX – 20860 North Tatum Blvd., Ste. 260, Phoenix, AZ 85050; 480/419-7275; Fax 480/419-7202;

PIT – 410 Rouser Road, Fifth Floor, Coraopolis, PA 15108; 412/269-7275; Fax 412/269-7278;

RAL – 1616 East Mill Brook Road, Suite 160, Raleigh, NC 27609; 919/876-6888; Fax 919/876-6848;

RENO – 555 Double Eagle Court, Ste. 2000, Reno, NV 89521-8991; 775/828-1622; Fax 775/828-1826;

RICH – 7200 Glen Forest Drive, Ste. 303, Richmond, VA 23236; 804/560-7600; Fax 804/560-5129;

SAN ANT – 15900 La Cantera Parkway, Ste. 26200, San Antonio, TX 78256; 210/828-9494; Fax 210/828-7282;

SAN DIEGO – 3570 Carmel Mountain Road, Ste. 300, San Diego, CA 92130.; 858/874-1810; Fax 858/259-0741;

SAN FRAN – 332 Pine Street, Suite 500, San Francisco, CA 94111; 415/362-1500; Fax 415/362-1954;

SARA – 101 Arthur Andersen Pkwy, Suite 260, Sarasota, FL 34232; 941/378-0272; Fax 941/371-7297;

TAL - 2639 North Monroe St., Bldg. C, Tallahassee, FL 32303; 850/575-1800; Fax 850/575-0105;

TPA - 4030 W. Boy Scout Blvd., Ste. 700, Tampa, FL 33607; 813/877-7275; Fax 813/281-2691;

TYLER – 909 E. Southeast Loop 323, Ste. 360, Tyler, TX 75701-9612; 903/509-1552; Fax
903/509-1599;

VEST - 1000 Urban Center Dr., Ste. 115, Vestavia Hills, AL 35242; 205/969-3776; Fax
205/969-3978;

WES – 2654 Cypress Ridge Boulevard, Suite 102, Wesley Chapel FL 33544; 813/ 528-4130;
Fax: 813/ 994-0894; /PROJECT OFFICE

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

DBA: ATKINS NORTH AMERICA INC
Business Name: ATKINS NORTH AMERICA INC

Receipt #: 316-68280
Business Type: ARCHITECT (ARCHITECT/ENGINEER)

Owner Name: ATKINS NORTH AMERICA INC
Business Location: 3250 W COMMERCIAL BLVD STE 120 FT LAUDERDALE
Business Phone: 954-733-7233

Business Opened: 07/16/1993
State/County/Cert/Reg: 24
Exemption Code:

Rooms Seats Employees Machines Professionals

22

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	4.50	0.00	0.00	0.00	0.00	49.50

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

**THIS BECOMES A TAX RECEIPT
WHEN VALIDATED**

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

Mailing Address:

ATKINS NORTH AMERICA INC
4030 W BOY SCOUT BLVD STE
700
TAMPA, FL 33607

Receipt # WWW-17-00001966
Paid 10/27/2017 4.50

2017 - 2018

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, 2017, that its most recent annual report/uniform business report was filed on January 6, 2017, and that its status is active.

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

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



Ken DeFoner
Secretary of State

Tracking Number: CC6870131215

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

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



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

October 17, 2017

Mark Micikas, Vice President
ATKINS NORTH AMERICA, INC.
482 South Keller Road
Orlando, Florida 32810

Dear Mr. Micikas:

The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify 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
- 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 overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until September 30, 2018 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
143.95%	118.49%	0.043%	Excluded	No	12.34%	12.41%*

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

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

RICK SCOTT
GOVERNOR

MIKE DEW
SECRETARY

September 15, 2017

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

Dear Ms. Keith-Lazowick:

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

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design

- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing

- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization

- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection

- Group 13 - Planning
 - 13.6 - Land Planning/Engineering

- Group 15 - Landscape Architect

www.fdot.gov

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	<u>Home/ Branch Office</u>	<u>Field Office</u>	<u>Facilities Capital Cost of Money</u>	<u>Overtime Premium Reimbursed</u>	<u>Direct Expense</u>	<u>Published Fee Schedule</u>
Indirect Cost	151.76%	126.86%	1.001%		0.77% (Home) 0.00% (Field)*	Yes

Audited Rates
SUE Equipment Rates \$38.95 per hour

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

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

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

RACHEL D. CONE
INTERIM SECRETARY

June 5, 2017

Maria Molina, President/Owner
NOVA CONSULTING, INC.
10486 NW 31st Terrace
Doral, Florida 33172

Dear Ms. Molina:

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

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.3 - Signalization
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	<u>Home/Branch Office</u>	<u>Field Office</u>	<u>Facilities Capital Cost of Money</u>	<u>Overtime Premium Reimbursed</u>	<u>Direct Expense</u>
Indirect Cost	153.99%	110.56%	0.161%		0.82% (Home) 0.87% (Field)*

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

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



Florida Department of Transportation

**RICK SCOTT
GOVERNOR**

605 Suwannee Street
Tallahassee, FL 32399-0450

**MIKE DEW
SECRETARY**

June 30, 2017

Luis Jurado, President
PREMIERE DESIGN SOLUTIONS, INC.
2900 Glades Circle, Suite 700
Weston, Florida 33327

Dear Mr. Jurado:

The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify 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
 - 13.6 - Land Planning/Engineering

Your firm is now technically qualified to pursue work for the Department for minor projects only, enabling your firm to compete for Professional Services projects with fees estimated at below \$500,000.00. This status shall be valid until June 30, 2018 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,



Carliayn Kell
Professional Services
Qualification Administrator

6/30/17 2:14 PM

Premiere Design Solutions, Inc.

Work Type	Qualifier Name	Level Approved	Date Approved	Reviewer	Other Comments
3.1	Luis Jurado	PE	2/10/2010	F. Sullivan	
3.2	Luis Jurado	PE			
	Juan Jurado	PE	2/22/2012	F. Sullivan	
	Gustavo Eckardt	PE	9/26/2011	F. Sullivan	
6.1	Juan Jurado	PE	2/22/2012	A. El-Urfali	
7.1	Gustavo Eckardt	PE	8/31/2011	C. Henson	
7.2	Gustavo Eckardt	PE	8/31/2011	C. Henson	
7.3	Gustavo Eckardt	PE	8/31/2011	C. Henson	
8.1	Fernando Fernandez	PSM	7/15/2015	J. Evers	
	Henry Rivera	TECH	7/15/2015	J. Evers	
	Dean Koggan	TECH	11/24/2015	J. Evers	
8.2	Fernando Fernandez	PSM	7/15/2015	J. Evers	
	Henry Rivera	TECH	7/15/2015	J. Evers	
	Jorge Olmo	TECH	11/24/2015	J. Evers	
	Dean Koggan	TECH	11/24/2015	J. Evers	
8.4	Fernando Fernandez	PSM	7/15/2015	J. Evers	
	Henry Rivera	TECH	7/15/2015	J. Evers	
	Jorge Olmo	TECH	11/24/2015	J. Evers	
	Dean Koggan	TECH	11/24/2015	J. Evers	
10.1	Juan Jurado	PE	3/28/2012	L. Harper	
13.6	Luis Jurado	PE	7/13/2009	L. Wiley	



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

July 14, 2017

Kumar Allady, President
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 qualification package and determined that the data submitted is adequate to technically qualify 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 overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	Home/ Branch	Field	Facilities Capital Cost	Overtime Premium		Published Fee Schedule
Indirect Cost	<u>Office</u> 233.94%	<u>Office</u> 172.08%	<u>of Money</u> 6.386%	<u>Reimbursed</u>	<u>Direct Expense</u> 11.06% (Home) 0.00% (Field)*	<u>Yes</u>

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

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

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator



Florida Department of Transportation

**RICK SCOTT
GOVERNOR**

605 Suwannee Street
Tallahassee, FL 32399-0450

**MIKE DEW
SECRETARY**

June 29, 2017

John Grow, Senior Vice President
TRANSYSTEMS CORPORATION
d/b/a TRANSYSTEMS CORPORATION CONSULTANTS
200 E Robinson St, Ste 600
Orlando, Florida 32801

Dear Mr. Grow:

The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify 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
- 4.4 - Movable Span Bridge Design

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

www.fdot.gov

- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete

- Group 11 - Engineering Contract Administration and Management

- Group 13 - Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	<u>Home/Branch Office</u>	<u>Field Office</u>	<u>Facilities Capital Cost of Money</u>	<u>Overtime Premium Reimbursed</u>	<u>Direct Expense</u>
Indirect Cost	150.84%	125.91%	0.145%		11.73% (Home) 11.73% (Field)*

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

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

Insurance Requirements: (Refer to the Insurance Requirement Form)

- A. The insurance requirement designated in the **Insurance Requirement Form** indicates the minimum coverage required for the scope of work, as determined by the Risk Management Division. Vendor shall provide verification of compliance such as a Certificate of Insurance, or a letter of verification from the Vendor's insurance agent/broker, which states the ability of the Vendor to meet the requirements upon award. The verification 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. Final award shall be subject to receipt and acceptance by the County of proof of meeting all insurance requirements of the bid.
- B. Without limiting any of the other obligations or liabilities of Vendor, Vendor shall provide, pay for, and maintain on a primary basis in force until all of its work to be performed under this Contract has been completed and accepted by County (or for such duration specified), at least the minimum insurance coverage and limits set forth in the Insurance Requirement Form under the following conditions listed below. If a limit or policy is not indicated on Insurance Requirement certificate by a checked box, it is not required as a condition of this contract.
1. Commercial General Liability with minimum limits per occurrence, combined single limit for bodily injury and property damage, and when indicated a minimum limit per aggregate. County is to be expressly included as an Additional Insured in the name of Broward County arising out of operations performed for the County, by or on behalf of Vendor, or acts or omissions of Vendor in connection with general supervision of such operation. If Vendor uses a subcontractor, then Vendor shall require that subcontractor names County as an Additional Insured.
 2. Business Automobile Liability with minimum limits per occurrence, combined single limit for bodily injury and property damage. Scheduled autos shall be listed on Vendor's certificate of insurance. County is to be named as an additional insured in the name of Broward County.

Note: Insurance requirements for Automobile Liability are not applicable where delivery will be made by a third party carrier. All vendors that will be making deliveries in their own vehicles are required to provide proof of insurance for Automobile Liability and other pertinent coverages as indicated on the Insurance Requirement certificate, prior to award. If deliveries are being made by a third party carrier, other pertinent coverages listed on the Insurance Requirement certificate are still required.

Vendor should indicate how product is being delivered:

Vendor Name:

Company Vehicle: Yes or No *See "Other" below

If Common Carrier (indicate carrier):

Other: Professional services are being provided under this contract. If the County requires a task where delivery is required, Atkins and the County will decide upon the type of delivery to be used.

3. Workers' Compensation insurance to apply for all employees in compliance with Chapter 440, the "Workers' Compensation Law" of the State of Florida and all applicable federal

laws. The policy must include Employers' Liability with minimum limits each accident. If any operations are to be undertaken on or about navigable waters, coverage must be included for the U.S. Longshoremen & Harbor Workers Act and Jones Act.

4. Excess Liability/Umbrella Insurance may be used to satisfy the minimum liability limits required; however, the annual aggregate limit shall not be less than the highest "each occurrence" limit for the underlying liability policy. Vendor shall endorse County as an Additional Insured unless the policy provides coverage on a pure/true "Follow-form" basis.
5. Builder's Risk or equivalent coverage (such as Property Insurance or Installation Floater) is required as a condition precedent to the issuance of the Second Notice to Proceed for projects involving but not limited to: changes to a building's structural elements, work compromising the exterior of the building for any extended period of time, installation of a large single component, or remodeling where the cost of remodeling is 20% or more the value of the property. Coverage shall be, "All Risks" Completed Value form with a deductible not to exceed Ten Thousand Dollars (\$10,000.00) each claim for all perils except for wind and flood.
6. For the peril of wind, the Vendor shall maintain a deductible that is commercially feasible which does not exceed five percent (5%) of the value of the Contract price. Such Policy shall reflect Broward County as an additional loss payee.
7. For the peril of flood, coverage must be afforded for the lesser of the total insurable value of such buildings or structures, and the maximum amount of flood insurance coverage available under the National Flood Program. Vendor shall maintain a deductible that is commercially feasible and does not exceed five percent (5%) of the value of the Contract price. Such Policy shall reflect Broward County as an additional loss payee.
8. The County reserves the right to provide Property Insurance covering the Project, materials, equipment and supplies intended for specific installation in the Project while such materials, equipment and supplies are located at the Project site, in transit, or while temporarily located away from the Project site. This coverage will not cover any of the Vendor's or subcontractors' tools, equipment, machinery or provide any business interruption or time element coverage to the Vendor(s).
9. If the County decides to purchase Property Insurance or provide for coverage under its existing insurance policy for this Project, then the insurance required to be carried by the Vendor may be modified to account for the insurance being provided by the County. Such modification may also include execution of Waiver of Subrogation documentation.
10. In the event that a claim occurs for this Project and is made upon the County's insurance policy, for other than a windstorm, Vendor will pay at least Ten Thousand Dollars (\$10,000.00) of the deductible amount for such claim.
11. Waiver of Occupancy Clause or Warranty: Policy must be specifically endorsed to eliminate any "Occupancy Clause" or similar warranty or representation that the building (s), addition(s) or structure(s) in the course of construction shall not be occupied without specific endorsement of the policy. The Policy must be endorsed to provide that the Builder's Risk coverage will continue to apply until final acceptance by County.
12. Pollution Liability or Environmental Impairment Liability: including clean-up costs, with minimum limits per claim, subject to a maximum deductible per claim. Such policy shall remain in force for the minimum length of time indicated, include an annual policy aggregate and name Broward County as an Additional Insured. Vendor shall be responsible for all deductibles in the event of a claim.

13. Professional Liability Insurance with minimum limits for each claim, subject to a maximum deductible per claim. Such policy shall remain in force for the minimum length of time indicated. Vendor shall notify County in writing within thirty (30) days of any claim filed or made against its Professional Liability Insurance policy. Vendor shall be responsible for all deductibles in the event of a claim. The deductible shall be indicated on the Vendor's Certificate of Insurance.
- C. Coverage must be afforded on a form no more restrictive than the latest edition of the respective policy form as filed by the Insurance Services Office. If the initial insurance expires prior to the completion and acceptance of the Work, renewal certificates shall be furnished upon expiration. County reserves the right to obtain a certified copy of any insurance policy required by this Section within fifteen (15) calendar days of a written request by County.
 - D. Notice of Cancellation and/or Restriction: the policy(ies) must be endorsed to provide Broward County with at least thirty (30) days' notice of cancellation and/or restriction.
 - E. The official title of the Certificate Holder is Broward County. This official title shall be used in all insurance documentation.
 - F. Broward County's Risk Management Division reserves the right, but not the obligation, to review and revise any insurance requirements at the time of contract renewal and/or any amendments, not limited to deductibles, limits, coverages and endorsements based on insurance market conditions affecting the availability or affordability of coverage; or changes in the scope of work/specifications affecting the applicability of coverage.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/19/2017

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 000000-Atkin-GAWU-17-18 NOC	CONTACT NAME: PHONE (A/C, No. Ext): FAX (A/C, No):	
	E-MAIL ADDRESS:	
INSURED Atkins North America, Inc. 2001 NW 107th Avenue Miami, FL 33172-2507	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Zurich American Insurance Company	16535
	INSURER B : American Guarantee & Liability Ins Co	26247
	INSURER C :	
	INSURER D :	
	INSURER E :	

COVERAGES CERTIFICATE NUMBER: ATL-004789607-01 **REVISION NUMBER:** 8

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.

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 137576-03	10/15/2017	10/15/2018	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 0137575-03	10/15/2017	10/15/2018	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 9304209-15	10/15/2017	10/15/2018	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? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WC 0137577-03	10/15/2017	10/15/2018	<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

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Re: RFP No. A2113624P1; Emergency Management Contingency Consulting Services
 Broward County Board of County Commissioners is included as additional insured where required by written contract with respect to general liability and auto liability coverages. Waiver of subrogation is applicable where required by written contract and subject to policy terms and conditions. Umbrella policy is conditional follows form and sits above the General Liability, Auto Liability and Employers Liability policies subject to policy terms, conditions, and exclusions. Contractual Liability is included in General Liability subject to policy terms and conditions.

CERTIFICATE HOLDER Broward County Board of County Commissioners Attn: Atiba Upchurch 201 NW 84th Avenue Plantation, FL 33324	CANCELLATION 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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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.	Addl. Prem.	Return Prem.
BAP0137575-03	10/15/2017	10/15/2018	10/15/2017		\$-	\$-

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.	Addl. Prem.	Return Prem.
GLO 0137576-03	10/15/2017	10/15/2018	10/15/2017		\$-	\$-

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 contact 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.

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: 10/15/2017 Policy No.: WC-0137577-03
Insured: SNC-Lavalin Engineers & Constructors, Inc.

Endorsement No.
Premium \$

Insurance Company: Zurich American Insurance Company

POLICY NUMBER: BAP 0137575-03

**COMMERCIAL AUTO
CA 20 01 10 13**

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

LESSOR – ADDITIONAL INSURED AND LOSS PAYEE

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: SNC-LAVALIN ENGINEERS & CONSTRUCTORS, INC.
Endorsement Effective Date: 10/15/2017

SCHEDULE

Insurance Company: ZURICH AMERICAN INSURANCE COMPANY	
Policy Number: BAP 0137575-03	Effective Date: 10/15/2017
Expiration Date: 10/15/2018	
Named Insured: SNC-LAVALIN ENGINEERS & CONSTRUCTORS, INC.	
Address: 919 Milam St. Ste. 1000 HOUSTON TX 77096-1719	
Additional Insured (Lessor): ALL LESSORS	
Address: Anywhere, USA	
Designation Or Description Of "Leased Autos": ALL LEASED AUTOS	

Coverages	Limit Of Insurance
Covered Autos Liability	\$ Each "Accident"
Comprehensive	Actual Cash Value Or Cost Of Repair, Whichever Is Less, Minus \$ Deductible For Each Covered "Leased Auto"
Collision	Actual Cash Value Or Cost Of Repair, Whichever Is Less, Minus \$ Deductible For Each Covered "Leased Auto"
Specified Causes Of Loss	Actual Cash Value Or Cost Of Repair, Whichever Is Less, Minus \$ Deductible For Each Covered "Leased Auto"
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Coverage

1. Any "leased auto" designated or described in the Schedule will be considered a covered "auto" you own and not a covered "auto" you hire or borrow.
2. For a "leased auto" designated or described in the Schedule, the **Who Is An Insured** provision under **Covered Autos Liability Coverage** is changed to include as an "insured" the lessor named in the Schedule. However, the lessor is an "insured" only for "bodily injury" or "property damage" resulting from the acts or omissions by:
 - a. You;
 - b. Any of your "employees" or agents; or
 - c. Any person, except the lessor or any "employee" or agent of the lessor, operating a "leased auto" with the permission of any of the above.
3. The coverages provided under this endorsement apply to any "leased auto" described in the Schedule until the expiration date shown in the Schedule, or when the lessor or his or her agent takes possession of the "leased auto", whichever occurs first.

B. Loss Payable Clause

1. We will pay, as interest may appear, you and the lessor named in this endorsement for "loss" to a "leased auto".

2. The insurance covers the interest of the lessor unless the "loss" results from fraudulent acts or omissions on your part.
3. If we make any payment to the lessor, we will obtain his or her rights against any other party.

C. Cancellation

1. If we cancel the policy, we will mail notice to the lessor in accordance with the Cancellation Common Policy Condition.
2. If you cancel the policy, we will mail notice to the lessor.
3. Cancellation ends this agreement.

- D. The lessor is not liable for payment of your premiums.

E. Additional Definition

As used in this endorsement:

"Leased auto" means an "auto" leased or rented to you, including any substitute, replacement or extra "auto" needed to meet seasonal or other needs, under a leasing or rental agreement that requires you to provide direct primary insurance for the lessor.

POLICY NUMBER: GLO 0137576-03

**COMMERCIAL GENERAL LIABILITY
CG 20 10 04 13**

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
<p>Any person or organization, other than an architect, engineer or surveyor, to whom you are required to add as an additional insured under this policy under a written contract or written agreement executed prior to loss, except where such requirement is prohibited by law.</p>	<p>Any Location or project, other than a wrap-up or other consolidated insurance program location or project for which insurance is otherwise separately provided to you by a wrap-up or other consolidated insurance program</p>
<p>Information required to complete this Schedule, if not shown above, will be shown in the Declarations.</p>	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C.** With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;
whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/18/2017

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.

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.

PRODUCER: Willis of New York, Inc. CONTACT NAME: Willis of New York, Inc. INSURED: Atkins North America, Inc. INSURER(S): Underwriter's at Lloyds

COVERAGES CERTIFICATE NUMBER: 25937084 REVISION NUMBER:

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.

Table with columns: INSR LTR, TYPE OF INSURANCE, ADDL NSD, SUBR WVD, POLICY NUMBER, POLICY EFF, POLICY EXP, LIMITS. Includes rows for Commercial General Liability, Automobile Liability, Umbrella Liab, and Workers Compensation.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Re: RFP No. A2113624P1; Emergency Management Contingency Consulting Services
Professional Liability policy is written on claims-made basis.
See Attached.

CERTIFICATE HOLDER: Broward County Board of County Commissioners. CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AGENCY CUSTOMER ID: 33004588

LOC#: _____



ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY Willis of New York, Inc.		NAMED INSURED Atkins North America, Inc. 800 Waterford Way Suite 700 Miami, FL 33126	
POLICY NUMBER B080111209P17		EFFECTIVE DATE: 04/01/2017	
CARRIER Underwriter's at Lloyds	NAIC CODE 15792-001		

ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE**

Coverage: Professional Liability
 Policy #B080111209P17
 Effective date and Expiration date: 04/01/2017 - 04/01/2018
 Carrier Name: Underwriter's at Lloyds
 Self-Insured Retention Deductible: \$160,000

Certificate of Insurance

No.: **2017-310-ATK**

Dated: **December 29, 2017**

This document supersedes any certificate previously issued under this number

This is to certify that the Policy(ies) of insurance listed below ("Policy" or "Policies") have been issued to the Named Insured identified below for the policy period(s) indicated. This certificate is issued as a matter of information only and confers no rights upon the Certificate Holder named below other than those provided by the Policy(ies).

Notwithstanding any requirement, term, or condition of any contract or any other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the Policy(ies) is subject to all the terms, conditions, and exclusions of such Policy(ies). This certificate does not amend, extend, or alter the coverage afforded by the Policy(ies). Limits shown are intended to address contractual obligations of the Named Insured.

Limits may have been reduced since Policy effective date(s) as a result of a claim or claims.

Certificate Holder: Broward County 201 NW 84th Avenue Plantation, FL 33324	Named Insured and Address: Atkins North America, Inc. 2001 NW 107th Avenue Miami, FL 33172-2507
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This certificate is issued regarding:

Emergency Management Consultant Services

Type(s) of Insurance	Insurer(s)	Policy Number(s)	Effective/Expiry Dates	Sums Insured Or Limits of Liability	
PROFESSIONAL LIABILITY	Lloyd's Underwriters (Lead) and other participating insurers	FINPA1700123	Apr 30, 2017 to Apr 30, 2018	Per Claim and in the Annual Aggregate	USD 2,000,000
CRIME	Zurich Insurance Company Ltd	8436101-02	Sep 01, 2017 to Sep 01, 2018	Limit of Liability	CDN 3,000,000 each occurrence

Marsh Canada Limited 1981 McGill College Avenue, Suite 820 Montréal, QC H3A 3T4 Telephone: (514)-2855928 Fax: (514)-2854716 caroline.dufault@marsh.com	Marsh Canada Limited  By: _____ Caroline Dufault
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Updated: SEPTEMBER 30, 2017

ATKINS

3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
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. _____	CIRCUIT COURT, POLK CO., FL	9/6/2017		Open		No	BREACH OF CONTRACT
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
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	August, 2016	Closed	Settled	No	NEGLIGENCE/PERSONAL INJURY
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

**ATKINS NORTH AMERICA, INC. (FORMERLY POST BUCKLEY SCHUH & JERNIGAN, INC.
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ATKINS

3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
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
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

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ATKINS

3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
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
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
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
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
GAITAN, WALTER (PERSONAL REP) VS. GIBRALTAR CABLE BARRIER SYSTEMS L P, GEORGIA DOT, ET AL, 2009-029561-CA-01	FL MIAMI-DADE 11TH JUDICIAL CIR.	4/10/2009	8/1/2016	Closed	Settled	Yes	TORTS/NEGLIGENCE - PRODUCT LIABILITY

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ATKINS

3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
CHANDLER, JOEL VS. ATKINS NORTH AMERICA, INC., CASE NO. 53-2015-CA-002045-000-1; moved to Hillsborough, Co., Case #15-CA-010244, Div. 1	10TH JUDICIAL CIRCUIT, POLK COUNTY, FL; MOVED TO CIRCUIT COURT, HILLSBOROUGH CO., FL	7/29/2015	7/7/2016	Closed	Dismissed	No	BREACH OF PUBLIC RECORDS ACT
CARRILLO, MARTHA, ETAL VS. PBS&J CONSTRUCTION SERVICES, INC.; CASE NO. A-11-642932-D; 2ND AMENDED COMPLAINT	DISTRICT COURT, CLARK CO., NV	10/8/2013	7/5/2016	Closed	Dismissed	No	CONSTRUCTION DEFECT
MILLION, SCOTT AND RUTH VS. COLEJENEST, P.A., POST BUCKLEY SCHUH & JERNIGAN, INC. (PBS&J), ATKINS NORTH AMERICA, INC., ETAL, CASE NO. CA 2015-CP-46-02711	COURT OF COMMON PLEAS, SIXTEENTH JUDICIAL CIRCUIT, YORK COUNTY, SOUTH CAROLINA	9/8/2015	6/7/2016	Closed	Dismissed	No	NEGLIGENCE/PERSONAL INJURY
RHOADES, KAREN A. VS. CITY OF DAYTON, ATKINS NORTH AMERICA, INC., ETAL, CASE NO. 2015 CV 02069	COMMON PLEAS COURT, MONTGOMERY CO, OHIO CIVIL DIV.	5/7/2015	5/31/2016	Closed	Dismissed	Yes	NEGLIGENCE/PERSONAL INJURY
RITA GENOVESE, INDIVIDUALLY AS PERSONAL REPRESENTATIVE OF EST. OF MICHAEL A. GENOVESE VS. THE ATKINS NORTH AMERICA HOLDINGS CORPORATION, FLORIDA DEPT. OF TRANSPORTATION, ETAL, CASE NO. 2013-CA-002467	CIRCUIT COURT, SAINT LUCIE COUNTY, FL	8/19/2014	5/31/2016	Closed	Summary Judgment (Dismissal)	Yes	NEGLIGENCE/PERSONAL INJURY
NORTH DRUID DEVELOPMENT LLC VS. NORTH DRUID DEVELOPMENT II LLC - 10102036	GA COBB SUPER. CT.	3/3/2010	5/31/2016	Closed	Dismissed	No	CIVIL PROCEDURE - PLEADING

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ATKINS

3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
ALDO BERETTA AS PR OF EST. OF ROSSANA FACCIUTO VS. ATKINS NORTH AMERICA, INC. fka PBS&J, FDOT, ETAL, CASE NO. 14-005478-CA-1	11TH JUDICIAL CIRCUIT, MIAMI-DADE COUNTY, FL	2/8/2014	5/13/2016	Closed	Settled	Yes	NEGLIGENCE/PERSONAL INJURY
REP. OF EST. OF BRITTANY A. RHYMAUN, DECEASED AND MARK RHYMAUN, INDIVIDUALLY, VS. ATKINS NORTH AMERICA, INC., FLORIDA DEPT. OF	CIRCUIT COURT, MIAMI-DADE COUNTY, FL	2/21/2014	5/13/2016	Closed	Settled	Yes	TORTS/NEGLIGENCE-PERSONAL INJURY
MASSEY, PRAME DAYE L. VS. PBS&J CONSTRUCTION, CASE #12-49728CA27	11TH JUDICIAL CIRCUIT CT, MIAMI-DADE CO., FL	12/21/2012	5/13/2016	Closed	Settled	No	TORTS/NEGLIGENCE-PERSONAL INJURY
JACQUELINE R. LLOYD VS. REYNOLDS, SMITH AND HILLS, INC., ATKINS NORTH AMERICA, INC. FKA POST BUCKLEY SCHUH & JERNIGAN, INC., FLORIDA DEPARTMENT OF TRANSPORTATION, ET AL, CASE NO. 2015-020095-CA24	11TH JUDICIAL CIRCUIT, MIAMI-DADE COUNTY, FL	8/31/2015	2/9/2016	Closed	Settled	Yes	NEGLIGENCE/PERSONAL INJURY
GUERRERO, PRICILLA VS. ATKINS NORTH AMERICA, INC., ETAL CASE NO. 2013-CA-6344	CIRCUIT COURT, ORANGE CO., FL	6/3/2014	10/16/2015	Closed	Settled	No	NEGLIGENCE/PERSONAL INJURY
JESSICA IMHOLZ, ETAL VS. FDOT DIST. 3, ATKINS NORTH AMERICA, INC., ETAL, CASE #2011-CA-000714	CIRCUIT CT., DIVISION E, ESCAMBIA CO., FL	11/2/2012	9/11/2015	Closed	Settled and Dismissed	Yes	TORTS/NEGLIGENCE-PERSONAL INJURY

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3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
ATKINS ENGINEERS, INC. VS. ATKINS NORTH AMERICA, INC., CASE NO. 14-CV-24904-FAM	US DISTRICT COURT, SOUTHERN DISTRICT OF FLORIDA, MIAMI DIV.	12/30/2014	7/30/2015	Closed	Settlement/Dismissal	No	TRADEMARK INFRINGEMENT
SANCHEZ, JUAN V. FLOYD'S CONSTRUCTION, INC.; ATKINS NORTH AMERICA, INC., ETAL; AMENDED COMPLAINT; CASE NO. CV33671, DEPT. I	DISTRICT COURT, NYES CO., NV	7/1/2013	7/16/2015	Closed	Settled/Dismissed	No	NEGLIGENCE/PERSONAL INJURY
WHITING-TURNER CONTRACTING COMPANY, INC. VS. ATKINS NORTH AMERICA, INC.; CASE NO. 14-CA-10755-0	CIRCUIT COURT, ORANGE CO., FL	10/16/2014	6/29/2015	Closed	Order of Dismissal with Prejudice entered 6/29/15	No	NEGLIGENCE/BREACH OF CONTRACT
CITY OF CLEARWATER VS. PBS&J	PINELLAS CO., FL CIRCUIT COURT , CIVIL DIV. #09-21391C1-15	1/6/2010	6/17/2015	Closed	Voluntary Dismissal with Prejudice	Yes	CITY SEEKING INDEMNITY
HENDERSON, TIFFANY R. VS. ATKINS NORTH AMERICA, INC., CASE NO. 3-14-0824	US DISTRICT COURT, MIDDLE DISTRICT, TENNESSEE	3/24/2014	5/1/2015	Closed	Dismissed 5/1/15	No	EMPLOYMENT MATTERS
BENINATI, HEATHER; BENINATI, KATHERINE AS PERSONAL REPRESENTATIVE OF COURTNEY ELIZABETH HENDRIX, DEC.; AND ROSIER, KELLIE MARIE AS NATURAL GUARDIAN OF BRIANA BURNSED, A MINOR VS. ATKINS NORTH AMERICA, INC. #12CA391; Case Consolidated to 45-2012-CA-000306 as of 1-10-13	CIRCUIT CT, NASSAU COUNTY, FL	5/18/2012	4/7/2015	Closed	Voluntary dismissal.	No	TORTS/NEGLIGENCE - PERSONAL INJURY
NYE COUNTY, NV. VS. UTILITIES, INC., ATKINS NORTH AMERICA, INC., ETAL, CASE #cv34371	DISTRICT COURT, NYES CO., NV	12/19/2012	2/27/2015	Closed	Order of Dismissal with Prejudice	Yes	REMEDIES-DAMAGES-BREACH OF CONTRACT

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ATKINS

3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
UTILITIES, INC. OF CENTRAL NEVADA V. ATKINS NORTH AMERICA, INC., ETAL. ; A-11-6466674-C DEPT XXV1	CLARK CO., NV DIST. CT.	8/6/2012	2/27/2015	Closed	Order of Dismissal with Prejudice	No	CONSTRUCTION DEFECT-BREACH OF CONTRACT
ENGEL, JOSEPH VS. E.E. HOOD & SONS, INC, ATKINS NORTH AMERICA, INC., ETAL; CASE NO. 2013CI19581	BEXAR COUNTY, TX DISTRICT COURT	11/27/2013	1/20/2015	Closed	Settled and Dismissed	No	NEGLIGENCE/PERSONAL INJURY
VRANA, DONALD J. VS. THE ATKINS NORTH AMERICA HOLDINGS CORPORATION, CASE NO. 12-015546 DIV. H,	CIVIL DIV., HILLSBOROUGH COUNTY, FL	10/2/2012	12/19/2014	Closed	Jury Verdict in favor of Atkins North America	No	BREACH OF CONTRACT
CITIZENS AWARENESS FOUNDATION, INC. VS. ATKINS NORTH AMERICA, INC. CASE NO. 14-CA-007736	CIRCUIT COURT, HILLSBOROUGH CO., FL	7/30/2014	10/1/2014	Closed	Voluntary dismissal.	No	VIOLATION OF PUBLIC RECORDS ACT
BETANCOURT CASTELLON ASSOCIATES, INC. V. EASTERN PLASTERING CORP; PBS&J AS THIRD-PARTY DEFENDANT CASE #12-42662-CA-25	MIAMI-DADE COUNTY, FL	5/29/2014	9/26/2014	Closed	Voluntary dismissal.	No	CONSTRUCTION DEFECT
SUNRISE RIDGE MASTER HOMEOWNERS ASSOC., ETAL VS. PBS&J, CASE NO. A-10-619800-D DEPT. XIX	DISTRICT COURT, CLARK CO., NV	12/29/2010	7/18/2014	Closed	Dismissed	No	TORTS/NEGLIGENCE
WILLIS V. CITY OF LAS VEGAS ET AL - 2:12CV01214	NV U.S. DIST. CT.	7/10/2012	7/16/2014	Closed	Atkins dismissed	No	TORTS/NEGLIGENCE - PERSONAL INJURY
BOYLES, SEAN, ETUX VS. ORLANDO-ORANGE CO. EXPRESSWAY AUTHORITY, FLORIDA DEPT. OF TRANSPORTATION, CITY OF ORLANDO, ATKINS NORTH AMERICA, INC., ETAL, CASE NO. 2011-CA-008268-0	CIRCUIT COURT, ORANGE CO., FL	7/15/2011	7/16/2014	Closed	Settled	Yes	PERSONAL INJURY

**ATKINS NORTH AMERICA, INC. (FORMERLY POST BUCKLEY SCHUH & JERNIGAN, INC.
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3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
HEATH CAMPBELL, ETAL VS. FLOYD'S CONSTRUCTION, ATKINS NORTH AMERICA, INC., ETAL, CASE #CV34369, DEPT 1	DISTRICT COURT, NYES CO., NV	12/21/2012	7/2/2014	Closed	Dismissed with Prejudice	No	REMEDIES-DAMAGES
WELLINGTON REALTY CO., LLC VS. BROWARD CO., F. AND CITY OF POMPANO BEACH, FL, CASE #11-009434.08	CIRCUIT COURT BROWARD CO., FL	2/6/2013	5/30/2014	Closed	Settled	Yes	TORTS/NEGLIGENCE-PERSONAL INJURY-BREACH OF CONTRACT
TURNER, JEANIE (INDIVIDUALLY AND AS REPRESENTATIVE VS. CONTINENTAL AIRLINES INC - 201104217	TX HARRIS DIST. CT.	1/21/2011	5/22/2014	Closed	Dismissed	No	REMEDIES - DAMAGES
RANJEL, MARIA ZUNIGA (ANF JUAN MANUEL CORDERO) VS. POST BUCKLEY SCHUH & JERNIGAN INC - 201073599	TX HARRIS DIST. CT.	11/5/2010	4/29/2014	Closed	Dismissal of PBS&J	No	TORTS/NEGLIGENCE - PERSONAL INJURY
CAPRIATI CONSTRUCTION CORP. VS. LAKE HAVASU CITY & ATKINS NORTH AMERICA, INC., ETAL, #CV2012-00764	SUPERIOR CT., MOHAVE COUNTY, AZ	6/12/2012	3/31/2014	Closed	Dismissed	Yes	CONSTRUCTION DEFECT-BREACH OF CONTRACT
ATKINS NORTH AMERICA, INC. VS. PRAD GROUP, INC., CASE NO. 2013CV234776	SUPERIOR CT., FULTON COUNTY, GA	8/7/2013	3/26/2014	Closed	Settled	No	COLLECTION
BANOS, RAQUEL VS. ATKINS NORTH AMERICA, INC., CASE NO. 2017-012091-CA01	CIRCUIT COURT MIAMI - DADE COUNTY, FL	6/7/2017		Open		No	DISCRIMINATION
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		Active		No	BREACH OF CONTRACT

ATKINS NORTH AMERICA, INC. (FORMERLY POST BUCKLEY SCHUH & JERNIGAN, INC. D/B/A PBS&J) PROPRIETARY CONFIDENTIAL INFORMATION - NOT TO BE DISTRIBUTED

Updated: SEPTEMBER 30, 2017

ATKINS

3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
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		Active	Open	Yes	TRESPASSING, PRIVATE NUISANCE, NEGLIGENCE
ECOSYSTEM TECHNOLOGIES, INC. VS. SARASOTA COUNTY AND ATKINS NORTH AMERICA, INC., CASE #2016CA000183NC	CIRCUIT COURT, SARASOTA, FL	1/14/2016		Active		Yes	BREACH OF CONTRACT, NEGLIGENCE
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		Active			
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		Active		Yes	PERSONAL PROPERTY DAMAGE
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		Active		Yes	NEGLIGENCE/PERSONAL INJURY
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		Active		Yes	NEGLIGENCE/PERSONAL INJURY

**ATKINS NORTH AMERICA, INC. (FORMERLY POST BUCKLEY SCHUH & JERNIGAN, INC.
D/B/A PBS&J) PROPRIETARY CONFIDENTIAL INFORMATION - NOT TO BE DISTRIBUTED**

Updated: SEPTEMBER 30, 2017

ATKINS

3-YEAR LITIGATION HISTORY

Case Title and Number	Court	Filing Date	Date Closed	Current Status	Disposition	Government Entity	Key Nature of Suit
ENNIS, JAMES VS. ATKINS NORTH AMERICA HOLDINGS CORPORATION; CASE NO. 05-2013-CA-42345	CIRCUIT COURT, BREVARD COUNTY, FL	12/30/2013		Open		No	CIVIL RIGHTS - EMPLOYMENT
AUTO-OWNERS INSURANCE CO. VS. PBS&J CONSTRUCTION SERVICES, INC., CASE #13-1-02314-53	SUPERIOR COURT, COBB COUNTY, GA	3/15/2013		Open		No	SURETY DAMAGES-BREACH OF CONTRACT
PEREZ, JORGE J VS. BORAN CRAIG BARBER ENGEL ETC - 2012-016955-CA-01	FL MIAMI-DADE 11TH JUDICIAL CIR.	4/30/2012		Open		No	CONSTRUCTION DEFECT
POST, BUCKLEY, SCHUH & JERNIGAN, INC. VS. UNITED STATES OF AMERICA CASE NO 09-112C (Ten Mile Ck)	UNITED STATES COURT OF FEDERAL CLAIMS, WASHINGTON, DC	2/23/2009	8/13/2015	Closed	Settled and Dismissed	Yes	APPEAL

**ATKINS NORTH AMERICA, INC. (FORMERLY POST BUCKLEY SCHUH & JERNIGAN, INC.
D/B/A PBS&J) PROPRIETARY CONFIDENTIAL INFORMATION - NOT TO BE DISTRIBUTED**

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"/> Or No <input type="checkbox"/>
Party	Wellington Realty Co., LLC vs. Broward County, City of Pompano Beach, FDOT. Atkins was 3rd party defendant
Case Number, Name, and Date Filed	Case #11-009434.08, filed 2/6/2013
Name of Court or other tribunal	Circuit Court, Broward County, FL
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input checked="" type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Count	Negligence. Defendants reconstructed and reconfigured street elevation at 15th St. & N. Powerline Rd by constructing a French drain & reconstructing parts of walkway crossing
Brief description of the Subject Matter and Project Involved	125th St. creating an irreparable flood problem which damaged plaintiff's property
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input checked="" type="checkbox"/> Dismissed <input checked="" type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> Confidential settlement agreement entered into by the parties. If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: E. Bruce Johnson J. Marcos Martinez Email: Johnson@jambg.com Martinez@jambg.com Telephone Number: 954-463-0100 954-463-0100

Vendor Name:

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"/> Or No <input type="checkbox"/>
Party	Wellington Realty Co., LLC vs. Broward County, City of Pompano Beach, FDOT. Atkins was 3rd party defendant
Case Number, Name, and Date Filed	Case #11-009434.08, filed 2/6/2013
Name of Court or other tribunal	Circuit Court, Broward County, FL
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input checked="" type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Court	Negligence. Defendants reconstructed and reconfigured street elevation at 15th St. & N. Powerline Rd by constructing a French drain & reconstructing parts of walkway crossing
Brief description of the Subject Matter and Project Involved	125th St. creating an irreparable flood problem which damaged plaintiff's property
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input checked="" type="checkbox"/> Dismissed <input checked="" type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> Confidential settlement agreement entered into by the parties. If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: E. Bruce Johnson J. Marcos Martinez Email: Johnson@jambg.com Martinez@jambg.com Telephone Number: 954-463-0100 954-463-0100

Vendor Name:

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

DBA: ATKINS NORTH AMERICA INC
Business Name: ATKINS NORTH AMERICA INC

Receipt #: 316-68280
Business Type: ARCHITECT (ARCHITECT/ENGINEER)

Owner Name: ATKINS NORTH AMERICA INC
Business Location: 3250 W COMMERCIAL BLVD STE 120 FT LAUDERDALE
Business Phone: 954-733-7233

Business Opened: 07/16/1993
State/County/Cert/Reg: 24
Exemption Code:

Rooms Seats Employees Machines Professionals

22

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	4.50	0.00	0.00	0.00	0.00	49.50

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

**THIS BECOMES A TAX RECEIPT
WHEN VALIDATED**

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

Mailing Address:

ATKINS NORTH AMERICA INC
4030 W BOY SCOUT BLVD STE
700
TAMPA, FL 33607

Receipt # WWW-17-00001966
Paid 10/27/2017 4.50

2017 - 2018

000620

Local Business Tax Receipt

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



6796545

BUSINESS NAME/LOCATION
ATKINS NORTH AMERICA INC
2001 NW 107 AVE
DORAL FL 33172

RECEIPT NO.
RENEWAL
1597179

EXPIRES
SEPTEMBER 30, 2018

Must be displayed at place of business
Pursuant to County Code
Chapter 8A - Art. 9 & 10

OWNER
ATKINS NORTH AMERICA INC

Employee(s) 259

SEC. TYPE OF BUSINESS
212 P.A./CORP/PARTNERSHIP/FIRM
024

**PAYMENT RECEIVED
BY TAX COLLECTOR**
\$1165.50 08/01/2017
FPPU04-17-012924

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

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

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

**LETTER OF INTENT BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS ENTERPRISE (CBE)
SUBCONTRACTOR/SUPPLIER**

This form(s) should be returned with the Vendor's submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of County's request. This form is to be completed and signed for each CBE firm. Vendor should scan and upload the completed, signed form(s) in BidSync.

Solicitation Number: PNC2114364P1

Project Title: Continuing Eng. Services for Transportation & General Civil Engineering Projects

Bidder/Offeror Name: Atkins North America, Inc.

Address: 3250 W. Commercial Blvd. Suite 120 City: Fort Lauderdale State: Florida Zip: 33309

Authorized Representative: Paul E. Demit, Senior Vice President Phone: 678.247.2600

CBE Subcontractor/Supplier Name: Nova Consulting

Address: 3323 W. Commercial Blvd. City: Fort Lauderdale State: FL Zip: 33309

Authorized Representative: Maria J. Molina Phone: 305-436-9200

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform subcontracting 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*	CBE Contract Amount†	CBE Percentage of Total Project Value
Civil Engineering Services	541330		
Environmental	541620		
Construction Engineering Inspection	541330		TOTAL: 12.5%

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

CBE Subcontractor/Supplier Authorized Representative

X Maria J. Molina (Signature) President (Title) 1/4/2018 (Date)

Bidder/Offeror Authorized Representative
Paul E. Demit (Signature) Senior Vice President (Title) 1/4/2018 (Date)

* Visit <http://www.census.gov/eos/www/naics/> to search. Match type of work with NAICS code as closely as possible.

† To be provided only when the solicitation requires that bidder/offer 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)
SUBCONTRACTOR/SUPPLIER**

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Solicitation Number: PNC2114364P1

Project Title: Continuing Eng. Services for Transportation &
General Civil Engineering Projects

Bidder/Offeror Name:

Address: City: State: Zip:

Authorized Representative: Phone:

CBE Subcontractor/Supplier Name:

Address: City: State: Zip:


Authorized Representative: Phone:

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform subcontracting 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.
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- 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	CBE Contract Amount [†]	CBE Percentage of Total Project Value
Engineering and Surveying Services	541330, 541360		13%

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

CBE Subcontractor/Supplier Authorized Representative


(Signature) (Title) (Date)

Bidder/Offeror Authorized Representative


(Signature) (Title) (Date)

* Visit <http://www.census.gov/eos/www/naics/> to search. Match type of work with NAICS code as closely as possible.

† To be provided only when the solicitation requires that bidder/offer include a dollar amount in its bid-offer.

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**LETTER OF INTENT BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS ENTERPRISE (CBE)
SUBCONTRACTOR/SUPPLIER**

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Solicitation Number: PNC2114364P1

Project Title: Continuing Eng. Services for Transportation & General Civil Engineering Projects

Bidder/Offeror Name: Atkins North America, Inc.

Address: 3250 W. Commercial Blvd. Suite 120 City: Fort Lauderdale State: Florida Zip: 33309

Authorized Representative: Paul E. Demit, Senior Vice President Phone: 678.247.2600

CBE Subcontractor/Supplier Name: RADISE International, L.C.

Address: 3296 NW 9th Avenue (Powerline Rd.) City: Oakland Park State: FL Zip: 33309

Authorized Representative: Gregory J. Stelmack, PE, Vice President Phone: (954) 881-3473

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform subcontracting 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*	CBE Contract Amount†	CBE Percentage of Total Project Value
Geotechnical Engineering	541330		Total: 12%
Materials Testing	541380		

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

CBE Subcontractor/Supplier Authorized Representative

[Signature] Vice President of Operations 1-4-18
(Signature) (Title) (Date)

Bidder/Offeror Authorized Representative

Paul E. Demit Senior Vice President 1/4/2018
(Signature) (Title) (Date)

* Visit <http://www.census.gov/eos/www/naics/> to search. Match type of work with NAICS code as closely as possible.

† To be provided only when the solicitation requires that bidder/offer 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.

C. Additional Information and Certifications

Supplemental Information-Subcontractors-Subconsultants/Suppliers Information Form

1. Subcontracted Firm's Name: Keith and Associates, Inc.

Subcontracted Firm's Address: 301 E. Atlantic Blvd., Pompano Beach, FL 33060

Subcontracted Firm's Telephone Number: 954.788.3400

Contact Person's Name and Position: Dan Checchia, Director of Subsurface Utility Engineering

Contact Person's E-Mail Address: dchecchia@keith-associates.com

Estimated Subcontract/Supplies Contract Amount: 7-10%

Type of Work/Supplies Provided: Subsurface Utility Engineering and Utility Coordination

2. Subcontracted Firm's Name: Nova Consulting

Subcontracted Firm's Address: 3323 W. Commercial Blvd., Suite 250, Fort Lauderdale, FL 33309-3443

Subcontracted Firm's Telephone Number: 954.731.8140

Contact Person's Name and Position: Maria J. Molina, PE, President

Contact Person's E-Mail Address: mmolina@nova-consulting.com

Estimated Subcontract/Supplies Contract Amount: 12.5%

Type of Work/Supplies Provided: Planning, Civil Engineering, Environmental and CEI

3. Subcontracted Firm's Name: Premiere Design Solutions, Inc. (PDS)

Subcontracted Firm's Address: 12781 Miramar Pkwy, Suite 205 Miramar Fl. 33027

Subcontracted Firm's Telephone Number: 954.237.7850

Contact Person's Name and Position: Luis J. Jurado, President

Contact Person's E-Mail Address: ljurado@pds-eng.com

Estimated Subcontract/Supplies Contract Amount: 13%

Type of Work/Supplies Provided: Engineering and Surveying services

4. 2. Subcontracted Firm's Name: RADISE International, L.C.

Subcontracted Firm's Address: 3296 NW 9th Avenue (Powerline Rd.), Oakland Park, FL 33309

Subcontracted Firm's Telephone Number: 954.881.3473

Contact Person's Name and Position: Panneer Shanmugam, PE, Vice President

Contact Person's E-Mail Address: Panneer.Shanmugam@radise.net

Estimated Subcontract/Supplies Contract Amount: 12%

Type of Work/Supplies Provided: Geotechnical Engineering and Materials Testing Services

5. Subcontracted Firm's Name: Quality Counts, LLC

Subcontracted Firm's Address: 8407 Laurel Fair Circle, Suite 400, Tampa, FL 33610

Subcontracted Firm's Telephone Number: 954.860.8550

Contact Person's Name and Position: Glenn Davis, Senior Operations Manager

Contact Person's E-Mail Address: gdavis@qualitycounts.net

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Transportation data collection services

6. Subcontracted Firm's Name: Transystems

Subcontracted Firm's Address: 2400 E Commercial Blvd Ste 1000, Fort Lauderdale, FL 33308

Subcontracted Firm's Telephone Number: 954.653.4700

Contact Person's Name and Position: Steven Shaup, PE, Senior Structural Engineer

Contact Person's E-Mail Address: sshaup@transystems.com

Estimated Subcontract/Supplies Contract Amount: TBD

Type of Work/Supplies Provided: Transystem will provide any structural support to augment Atkins staff especially in the areas of Movable Span Bridge Design

Supplemental Information - Vendor Questionnaire Questions 17 and 21

Question 17. 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.

Some of the principals and/or officers of Atkins North America, Inc., are named as officers of affiliates or subsidiaries of The Atkins North America Holdings Corporation, of which Atkins North America, Inc., is a part. Those subsidiaries/affiliates are Faithful+Gould, Inc.; WS Atkins, Inc.; Atkins Caribe, LLP; and Atkins, P.A.; PRBC, Inc.; PBS&J Constructors, Inc.; PBS&J International, Inc.; Atkins Michigan, Inc.; EIP Associates; Anthony Acquisitions Corp.; Hanscomb, Inc.; The Atkins Foundations, Inc.; Atkins Nuclear Solutions US, Inc.; and Atkins, Inc.

Question 21. Has your firm ever been terminated from a contract within the last three years? If yes, specify details in an attached written response.

Atkins North America, Inc., enters into hundreds of contracts every month. With this number of contracts, inevitably some are terminated for the convenience of the owner. Atkins North America, Inc., does not maintain a log of contracts that have been terminated. Based on that fact, and the fact that Atkins North America, Inc., is a company with 70 offices and thousands of active contracts, Atkins North America, Inc. cannot certify with 100% accuracy that within the last 3 years one of its contracts has not been terminated under these circumstances.



Vendor Reference Verification Form

Broward County Solicitation No. and Title:

RFP PNC2114364P1, Continuing Engineering Services for Transportation and General Civil Engineering Projects

Reference for: ATKINS

Organization/Firm Name providing reference:

FLORIDA DEPARTMENT OF TRANSPORTATION

Contact Name: FAUSTO GOMEZ

Title: PROJECT MANAGER

Reference date: 1/5/2017

Contact Email: FAUSTO.GOMEZ@DOT.STATE.FL.US

Contact Phone: 954-777-4466

Name of Referenced Project:

Contract No.

Date Services Provided:

Project Amount:

E4R44

1/2014 to 2/2017

\$290K DESIGN
\$1.1M CONSTRUCTION

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:

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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)

THE CONSULTANT PERFORMED WELL DURING DESIGN AND CONSTRUCTION

THIS SECTION FOR COUNTY USE ONLY

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

All information provided to Broward County is subject to verification. Vendor acknowledges that inaccurate, untruthful, or incorrect statements made in support of this 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.



Vendor Reference Verification Form

Broward County Solicitation No. and Title:

RFP PNC2114364P1, Continuing Engineering Services for Transportation and General Civil Engineering Projects

Reference for: Atkins North America, Inc.

Organization/Firm Name providing reference:

City of Miami - Office of Capital Improvements

Contact Name: Jeovanny Rodriguez, PE Title: Director

Reference date: 12/29/17

Contact Email: jeovannyrodriguez@miamigov.com

Contact Phone: (305) 416-1280

Name of Referenced Project: Capital Program Support Services

Contract No.

Date Services Provided:

Project Amount: \$4,035,000

RFQ No. 12-13-016

05/31/13 to 05/31/17

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:

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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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[Handwritten Signature]
12/29/17

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:

RFP PNC2114364P1, Continuing Engineering Services for Transportation and General Civil Engineering Projects

Reference for: *Atkins North America, Inc.*

Organization/Firm Name providing reference: *City of Attamonte Springs*

Contact Name: *Brett Blackadar, P.E.* Title: *Chief Transportation Engineer* Reference date: *1/2/2018*

Contact Email: *bblackadar@attamonte.org* Contact Phone: *407-571-8538*

Name of Referenced Project: *Master Agreement for Professional Services (AP1201SA) Transportation Engineering+Planning*

Contract No. *AP1201SA* Date Services Provided: *8/1/2012 to 7/31/2018* Project Amount: *Various assignments*

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: *They did a great job and provided great quality plans in very tight time schedules. They were always very responsive to all of our requests*

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 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)

They have done a great job for us and I would strongly recommend Atkins.

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Vendor Reference Verification Form

Broward County Solicitation No. and Title:

RFP PNC2114364P1, Continuing Engineering Services for Transportation and General Civil Engineering Projects

Reference for: Atkins

Organization/Firm Name providing reference:

FOOT

Contact Name: James Hughes Title: PM Supervisor Reference date: 1/8/18

Contact Email: james.hughes@dot.state.fl.us Contact Phone: 954-777-4419

Name of Referenced Project: A7A from Oakland Park Blvd to Flamingo Ave.

Contract No. 431204-1 Date Services Provided: 7/2014 to Current Project Amount:

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:

Please rate your experience with the referenced Vendor:

Needs Improvement Satisfactory Excellent Not Applicable

1. Vendor's Quality of Service			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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:			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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:

RFP PNC2114364P1, Continuing Engineering Services for Transportation and General Civil Engineering Projects

Reference for: Keith and Associates, Inc.

Organization/Firm Name providing reference:

Metric Engineering

Contact Name: Julio Alegre, PE Title: Traffic Operations Manager Reference date: 1/2/18

Contact Email: julio.alegre@metriceng.com Contact Phone: 407-644-1898

Name of Referenced Project: Continuing Services for Traffic, Roadway and Civil Engineering-Seven School Zone Flashers

Contract No. Date Services Provided: Project Amount:
RFP R1177105P1 9/1/17 to 11/2/17 \$34,000.00

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:

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:

RFP PNC2114364P1, Continuing Engineering Services for Transportation and General Civil Engineering Projects

Reference for: Nova Consulting

Organization/Firm Name providing reference:

Contact Name: Sangeeta Dhulashia Title: Principal Reference date: 1/3/2018

Contact Email: Sangeeta.Dhulashia@stantec.com Contact Phone: (786) 313-5512

Name of Referenced Project: Consent Decree Projects

Contract No. 10507308 Date Services Provided: 02/02/15 to Present Project Amount: \$150,000

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:

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 checked="" type="checkbox"/>	<input 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 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)

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E. Evaluation Criteria

15. Volume of Previous Work

Atkins' signed Volume of Previous Work Attestation Form has been signed within the BidSync system as instructed. Given the form limits, below is a complete detailed list of work paid to Atkins by Broward County Board of County Commissioners within the last five years.

Item No	Project Title	Solicitation/ Contract No.	Department or Division	Date Awarded	Paid to Date Dollar Amount
1	Broward County Continuing Transportation and Civil Engineering Services	R0929503R1	Highway Construction and Engineering Division	5/7/2013	\$2,092,679.64
2	FLL New Runway 9R-27L Expansion Design and Design-Build Support (Ft. Lauderdale-Hollywood Int'l. Airport)	R0729109R1	Aviation Department	4/19/2010	9,104,478.13
3	Broward County Outfall Coral Restoration Assistance and Construction Monitoring	Y0899301C1/ Project:9041	Water and Wastewater Services Department	4/6/2012	\$55,800.00
4	Broward County HSEEP Exercise for Port Everglades	R1002422R1	Emergency Management Division	6/20/2012	\$49,627.89
5	Broward Landfill Level of Service Study	L907303A3	Public Works Department	8/30/2012	\$41,223.01
6	Aquifer Storage and Recovery (ASR) and Monitor Well Plugging	LZ06387A3	Water and Wastewater Services	9/28/2012	\$39,703.68
7	Broward County Davie Landfill On-Site Leachate Line Replacement	L907303A3	Public Works Department	6/14/2013	\$43,461.88
8	School Board of Broward County Cost Estimate Restroom Renovations	2010-31-FC	The School Board of Broward County	9/10/2013	\$3,997,351.34
9	Tradewinds Park Feasibility Study	P1019501B1	Public Works Department	5/28/2014	\$24,453.70
10	Full-Scale Security Exercise	N/A	Sheriff's Office	5/29/2014	\$79,800.00
11	Everglades Holiday Park Improvements	N/A	Public Works Department	6/27/2014	\$126,066.47
12	Davie Landfill Stabilization Study	P1019501B1	Public Works Department	12/9/2014	\$29,005.77
13	New Courthouse Breezeway Artwork Value Engineered Design Cost Estimating Services	P1019501B1	Cultural Division	2/5/2015	\$1,480.00
14	Southwest Regional Landfill Closure and Long-term Care Cost Estimating Services	P1019501B1	Public Works Department	5/19/2015	\$8,431.00
15	Southwest Landfill Operating Permit Renewal Services	P1019501B1	Public Works Department	8/21/2015	\$27,711.27
16	SBBC Program Manager/Cost and Program Control Services (Year 1)	15-114C	The School Board of Broward County	11/3/2015	\$3,579,976.34
17	SBBC Program Manager e-Builder Implementation and Training Services (Year 1)	15-114C	The School Board of Broward County	11/3/2016	\$417,375.00
18	Broward County Landfills Surveying Services	Y1421102Q1	Public Works Department	2/10/2016	\$32,863.76
19	Port Everglades Capital Program Management Services	R1351804P1	Public Works Department	6/7/2016	\$2,069,265.68
Grand Total					\$21,820,754.56

P#100053057.JP.0118



Vendor Reference Verification Form

Broward County Solicitation No. and Title:

RFP PNC2114364P1, Continuing Engineering Services for Transportation and General Civil Engineering Projects

Reference for: Premiere Design Solutions, Inc.

Organization/Firm Name providing reference:

Contact Name: Luis Jurado, P.E.

Title: President

Reference date: 12/27/17

Contact Email: ljurado@pds-eng.com

Contact Phone: 954.237.7850

Name of Referenced Project: North Perry Park n Ride

Contract No.

Date Services Provided:

Project Amount:

V1018717R1

December 2013 to February 2014

Consulting Cost \$30,000

Construction Cost \$300,000

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:

Vendor provided Professional Engineering and Permitting Services for the improvements at the County's North Perry Park n Ride Lot.

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 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:

RFP PNC2114364P1, Continuing Engineering Services for Transportation and General Civil Engineering Projects

Reference for: Quality Counts, LLC

Organization/Firm Name providing reference:

City of Fort Lauderdale

Contact Name: Christine Fanchi, PE, P.E. Title: Transportation Engineer Reference date: 01/05/2018

Contact Email: cfanchi@fortlauderdale.gov Contact Phone: 954-828-5226

Name of Referenced Project: Cordova Rd: SE 17th Street to SE 15th Street

Contract No.	Date Services Provided:	Project Amount:
<u>N/A - On Call Request</u>	<u>09/25/2017</u> to <u>10/12/2017</u>	<u>\$ 4,775.00</u>

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:

6-Hour Turning Movement Counts at 3 intersections for Wednesday and Saturday
72-Hour Midweek and 48-Hour Weekend at one location for Volume, Class, and Speed data.

Please rate your experience with the referenced Vendor:

	Needs Improvement	Satisfactory	Excellent	Not Applicable
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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 type="checkbox"/>	<input checked="" 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)

On-time, on-budget, and data is in a format that is easy to analyze

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Evaluation Criteria Response Form

The completed Evaluation Criteria Response Form 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 or deem vendor non-responsible.

Evaluation Criteria Response Form:

The responding vendor must complete the Evaluation Criteria Response Form (pdf fillable file) with responses corresponding to each numbered item in text format only. Each Evaluation Criteria response should be succinct and include only relevant information which best answers the item. Do not include graphs, charts, resumes, tables, pictures, etc., in the Evaluation Criteria Response Form. Each Evaluation Criteria response allows for a maximum of 2100 characters of text only.

Instructions for uploading: Download document, save as the pdf fillable document (do not save as any other type of document), complete form and upload form as the fillable pdf file. **DO NOT APPLY ANY TYPE OF SECURITY, ALTER OR OTHERWISE MANIPULATE THE DOCUMENT. DO NOT PRINT TO PDF OR SCAN DOCUMENT BEFORE UPLOADING TO BIDS SYNC.**

Evaluation Criteria Response Form (Supplemental Information):

If the Vendor's evaluation criteria response needs to reference additional Information to supplement their response to an item such as graphs, resumes, tables, org charts, etc., include only the supplemental information as an attachment appropriately labeled as follows: Supplemental Information - Title - Evaluation Criteria Item Number (**ex. Supplemental Information - Resume John Doe – Evaluation Criteria 1b.**) The Supplemental Information should be uploaded to BidSync as separate pdf files (attachments) and not combined with the vendor's completed Evaluation Criteria Response Form.

[Check here to indicate that Vendor agrees it has read and will comply with the submission instructions above.](#)

Evaluation Criteria Response Form

RFP/RLI/RFQ Number and Title	PNC2114364P1 - Continuing Engineering Services for Transportation and General Civil Engineering Projects
Vendor Name	Atkins North America, Inc.
Vendor Address	3250 W Commercial Blvd, Ste 120 Ft. Lauderdale, Florida 33309-3400
Evaluation Criteria	Vendor Response
<p>Ability of Key Personnel (25 Points) 1) Describe the qualifications and relevant experience of the proposed Project Manager and all key personnel including CBE sub-consultants that are most likely to be assigned to this project. Point Values : 10</p>	Please see Supplemental Information-Evaluation Criteria Response Form_Question 1
<p>2) Provide an Organizational Chart of the Firm's and Team's key personnel showing roles or position titles, staff names and licenses, if any, area of expertise for the project, years of experience, and lines of authority. Point Values : 5</p>	Please see Supplemental Information-Evaluation Criteria Response Form_Question 2
<p>3) Include resumes for the Project Manager and all key personnel proposed. Include the qualifications, certifications and relevant experience of all proposed staff, including certified CBEs to be used on this project. Point Values : 10</p>	Please see Supplemental Information-Evaluation Criteria Response Form_Question 3
<p>Project Approach (20 Points) 4) Describe the prime proposer's understanding of the project scope, challenges and key milestones. Identify potential issues or challenges related to continuous engineering services. Describe how your project approach will resolve these issues. Point Values : 10</p>	Please see Supplemental Information-Evaluation Criteria Response Form_Question 4

<p>5) Describe the prime proposers approach and understanding of Consultants Continuous Engineering services and responsibilities. Point Values : 5</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 5</p>
<p>6) Describe the prime proposers approach to implementation of Complete Streets initiatives. Point Values : 5</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 6</p>
<p>Evidence of Knowledge and Experience (22 Points) 7) Provide evidence of knowledge and experience with FDOT, Broward County and industry standards, specifications, design procedures and plans production pertaining to the following areas:</p> <ul style="list-style-type: none"> • Roadway and civil engineering improvements • Construction Engineering and Inspection (CEI) Services • Traffic signal intersection and operations • Advanced transportation management systems • Traffic signal communication system technologies • School zone flasher systems <p>Point Values : 10</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 7</p>
<p>8) Describe the Prime Proposer firm's design and construction management methods and techniques. Include details on firm's ability to make decisions and facilitate resolution of disputes. Point Values : 7</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 8</p>
<p>9) Describe the Prime Proposer firm's knowledge and experience with scheduling. Point Values : 5</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 9</p>

<p>Past Performance (10 Points) 10) Describe prime Vendor's experience on projects of similar nature, scope and duration, along with evidence of satisfactory completion, both on time and within budget, for the past five years. Provide a minimum of three projects with references.</p> <p>Vendor should provide references for similar work performed to show evidence of qualifications and previous experience. Refer to Vendor Reference Verification Form and submit as instructed. Only provide references for non-Broward County Board of County Commissioners contracts. For Broward County contracts, the County will review performance evaluations in its database for vendors with previous or current contracts with the County. The County considers references and performance evaluations in the evaluation of Vendor's past performance.</p> <p>Point Values : 10</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 10</p>
<p>Quality Control (8 Points) 11) Describe the firm's techniques to quality control. At a minimum describe the firm's technique to control design and contract documentation, including record keeping.</p> <p>Point Values : 8</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 11</p>
<p>Workload of the Firm (5 Points) 12) For the prime Vendor only, list all completed and active projects that Vendor has managed within the past five years. In addition, list all projected projects that Vendor will be working on in the near future. Projected projects will be defined as a project(s) that Vendor is awarded a contract but the Notice to Proceed has not been issued. Identify any projects that Vendor worked on concurrently. Describe Vendor's approach in managing these projects. Were there or will there be any challenges for any of the listed projects? If so, describe how Vendor dealt or will deal with the projects' challenges.</p> <p>Point Values : 5</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 12</p>
<p>Location (5 Points) 13) Refer to Vendor's Business Location Attestation Form and submit as instructed. A Vendor with a principal place of business location (also known as the nerve center) within Broward County for the last six months, prior to the solicitation submittal, will receive five points; a Vendor not meeting all of the local business requirements will receive zero points. The following applies for a Vendor responding as a Joint Venture (JV): if a member of the JV has 51% or more of the equity and meets all of the local business requirements, the JV will receive three points; if a member of the JV has 30 to 50% of the equity and meets all of the local business requirements, the JV will receive two points; and if a member of the JV has 10% to 29% of the equity and meets all of the local business requirements, the JV will receive one point.</p> <p>Points Value : 5</p>	<p>Please see the RFP-RFQ-RLI Location Attestation Form (Evaluation Criteria) submitted in the BidSync system. Atkins maintains an office in Broward County at 3250 West Commercial Boulevard, Suite 120, Fort Lauderdale, FL 33309. Atkins' nerve center/headquarters are located at 4030 W. Boy Scout Boulevard, Suite 700, Tampa, Florida 33607</p>

<p>Willingness to Meet Time and Budget Requirements (2 Points) 14) This solicitation is for the award of a continuing contract. The specific projects requiring professional services under the agreement have not yet been identified. However, in general, please explain your firm's approach in meeting "project specific" time and budget requirements and indicate whether Vendor is committed to meet these requirements when identified under this agreement.</p> <p>Completion Date Requirement: Contract duration is five (5) years Project Budget: \$1,000,000 per year, per consultant YES = 2 Points NO = 0 Points Point Values : 2</p>	<p>YES</p> <p>Atkins is committed to meeting the agreed upon completion date and delivering the agreed upon scope of work within the agreed upon project budget.</p> <p>In addition to Atkins' QA/QC processes, all Atkins project managers can access our custom-developed Oracle-based financial management system. This system provides a wealth of information that assists project managers in managing the progress of projects down to individual task and subtask levels. The Oracle system provides an end-to-end solution to project and corporate financial management information, including developing month-end project invoices. This information allows project managers to identify and manage cost containment issues quickly, minimizing project impacts and returning project progress to its optimum level.</p>
<p>Volume of Previous Work (3 Points) 15) Refer to Volume of Previous Work Attestation Form and the Volume of Previous Work Attestation Joint Venture Form and submit as instructed. The calculation of Volume of Previous Work is all amounts paid to the Prime Vendor by Broward County Board of County Commissioners at the time of solicitation opening date within a five-year timeframe. The calculation of Volume of Previous Work for a prime Vendor previously awarded a contract as a member of a Joint Venture firm is based on the actual equity ownership of the Joint Venture firm.</p> <p>List all Broward County projects (active and completed), including the project number(s) for which your firm has received payments from Broward County during the past five (5) years.</p> <p>Points Value: (Dollar Volume for prime Vendor ONLY will be determined by the Purchasing Division):</p> <p>\$0 - \$3,000,000 = 3 Points \$3,000,001 - \$7,500,000 = 2 Points \$7,500,001 - \$10,000,000 = 1 Points Over \$10,000,000 = 0 Points</p> <p>Point Values : 3</p>	<p>Please see Supplemental Information-Evaluation Criteria Response Form_Question 15</p>
<p>TOTAL NUMBER OF POINTS: 100</p>	

Vendor Questionnaire Form

The completed Vendor Questionnaire Form 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.

If a response requires additional supporting information, the Vendor should provide a written detailed response as indicated on the form. The completed questionnaire and responses will become part of the procurement record. It is imperative that the person completing the Vendor Questionnaire Form be knowledgeable about the proposing Vendor's business profile and operations.

Solicitation Number :		PNC2114364P1
Title :		Continuing Engineering Services for Transportation and General Civil Engineering Projects
1. Legal business name:		Atkins North America, Inc.
2. Doing Business As/ Fictitious Name (if applicable):		N/A
3. Federal Employer I.D. no. (FEIN):		590896138
4. Dun and Bradstreet No.:		77283752
5. Website address (if applicable):		www.atkinsglobal.com/northamerica
6. Principal place of business address:	Address Line 1	4030 West Boy Scout Boulevard
	Address Line 2	Suite 700
	City	Tampa
	State	Florida
	Zip Code	33607
	Country	USA
7. Office location responsible for this project:		3250 W Commercial Blvd, Ste 120 Ft. Lauderdale, Florida 33309-2400
8. Telephone no.:		954.733.7233
9. Fax no.:		954.733.1101
10. Type of business:	Type of Business (Select from the dropdown list)	

	If Corporation, Sepecify the State of Incorporation	Florida
	If General Partnership, Specify the State and County filed in	N/A
	If Other, Specify the detail	N/A
11. List Florida Department of State, Division of Corporations document number (or registration number if fictitious name):		233840
12. List name and title of each principal, owner, officer, and major shareholder:	a)	George L. Nash, Jr., President/Chief Executive Officer
	b)	David D. Quinn, Sr., Sen. V.P./Chief Financial Officer/Treasurer
	c)	Paul E. Demit, Sen. V.P.
	d)	C. Ernest Edgar IV, Sen. V.P./General Council/Secretary
13. AUTHORIZED CONTACT(S) FOR YOUR FIRM:	Contact Name 1	Antoine Khoury
	Title	Project Director
	E-Mail	antoine.khoury@atkinsglobal.com
	Telephone No.	954.903.3620
	Fax No.	954.733.1101
	Contact Name 2	Domminic Novello
	Title	Project Director
	E-Mail	Dominic.Novello@atkinsglobal.com
	Telephone No.	954.233.4390
	Fax No.	954.733.1101
14. 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.	Click response	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Yes, provide detailed response	N/A

15. 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.	Click response	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Yes, provide detailed response	N/A
16. 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.	Click response	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Yes, provide detailed response	N/A
17. 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.	Click response	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Yes, provide detailed response	N/A
18. 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.	Click response	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Yes, provide detailed response	N/A
19. 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.	Click response	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Yes, provide detailed response	N/A

20. 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.	Click response	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Yes, provide detailed response	N/A
21. Has your firm ever been terminated from a contract within the last three years? If yes, specify details in an attached written response.	Click response	<input checked="" type="radio"/> Yes <input type="radio"/> No
	If Yes, provide detailed response	Atkins North America, Inc., enters into hundreds of contracts every month. With this number of contracts, inevitably some are terminated for the convenience of the owner. Atkins North America, Inc., does not maintain
22. Living Wage solicitations only: In determining what, if any, fiscal impacts(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract. Living Wage had an effect on the pricing. If yes, Living Wage increased the pricing by ____% or decreased the pricing by ____%.	Click response	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A
	If Yes, provide detailed response	N/A

Response to Solicitation PNC2114364P1 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	Addendum 1, and Questions & Answers		✓	
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 - Atkins' LitigationHistoryForm_ Wellington Realty Co_ Responsibility Criteria 1</i>			✓
	<i>Supplemental Information - Atkins' LitigationHistoryForm_ Shaw Farms_ Responsibility Criteria 1</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' LocalVendorCert_ Miami-Dade County Tax Receipt_ Responsibility Criteria 3</i>			✓
	<i>Supplemental Information-Atkins' LocalVendorCert_ Broward County Tax Receipt_ Responsibility Criteria 3</i>			✓
	<i>Supplemental Information-Atkins' Certificate of Good Standing_ Responsibility Criteria 3</i>			✓
	<i>Supplemental Information-Atkins' LocalVendorCert_ Broward County Tax Receipt_ 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, PNC2114364P1 Form</i>		✓	
	<i>Supplemental Information-Atkins' Insurance-Crime and FidelityEmployee Dishonesty_ Responsibility Criteria 5</i>			✓
	<i>Supplemental Information-Atkins' Insurance Requirements_ Responsibility Criteria</i>			✓

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Solicitation Requirement	Forms, Information, Documents Provided	Completed in BidSync	Viewed in BidSync	Attachment
B. Additional Responsibility Criteria				
1. Office of Economic and Small Business Development Program	Supplemental Information-Office of Economic and Small Business Development CBE Goals Form_Nova Signed Letter of Intent			✓
	Supplemental Information-Office of Economic and Small Business Development CBE Goals Form_PDS Signed Letter of Intent			✓
	Supplemental Information-Office of Economic and Small Business Development CBE Goals Form_RADISE Signed Letter of Intent			✓
2. Additional Requirement(s)	Supplemental Information-FDOT Pre-Qualification Letter_Atkins_Additional Responsibility Criteria 2			✓
	Supplemental Information-FDOT Pre-Qualification Letter_Transystems_Additional Responsibility Criteria 2			✓
	Supplemental Information-FDOT Pre-Qualification Letter_PDS_Additional Responsibility Criteria 2			✓
	Supplemental Information-FDOT Pre-Qualification Letter_Nova__Additional Responsibility Criteria 2			✓
	Supplemental Information-FDOT FDOT Pre-Qualification Letter_ Keith and Associates'_Additional Responsibility Criteria 2			✓
	Supplemental Information-FDOT Prequalification Letter_RADISE_Additional Responsibility Criteria 2			✓
C. Additional Information and Certifications				
1. Vendor Questionnaire	<i>Evaluation Criteria Response Form_Vendor Questionnaire Form, PNC2114364P1</i>			✓
Q12. List name and title of each principal	Supplemental Information-ANA 2018 Directors-Officers_Vendor Questionnaire Form Question 12			✓
Q17. Principals or Officers in another Organization	Supplemental information-Vendor Questionnaire Form_ Questions 17 and 21			✓
Q21. Has firm been terminated from a contract				✓
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				

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Solicitation Requirement	Forms, Information, Documents Provided	Completed in BidSync	Viewed in BidSync	Attachment
3. Subcontractors/Subconsultants/Suppliers Requirement	<i>RLI - RFP - RFQ Subcontractors-Subconsultants/Suppliers Information Form</i>	✓		
	Supplemental Information-Subcontractors-Subconsultants/Suppliers Information Form			✓

C. Standard Agreement Language Requirements:

Standard Instructions for Vendors	<i>Standard Instructions for Vendors Agreement Exception Form</i>	✓		
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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	Supplemental Information-Evaluation Criteria Response Form_Question 1			✓
2. Organizational Chart	Supplemental Information-Evaluation Criteria Response Form_Question 2			✓
3. Resumes of Project Manager and Key Personnel	Supplemental Information-Evaluation Criteria Response Form_Question 3			✓
4. Project Approach	Supplemental Information-Evaluation Criteria Response Form_Question 4			✓
5. Approach and Understanding of Continuous Engineering Services	Supplemental Information-Evaluation Criteria Response Form_Question 5			✓
6. Approach to Implementing Complete Street Initiatives	Supplemental Information-Evaluation Criteria Response Form_Question 6			✓
7. Evidence of Knowledge and Experience	Supplemental Information-Evaluation Criteria Response Form_Question 7			✓
8. Design and Construction Management Methods and Techniques	Supplemental Information-Evaluation Criteria Response Form_Question 8			✓
9. Knowledge and Experience with Scheduling	Supplemental Information-Evaluation Criteria Response Form_Question 9			✓

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Solicitation Requirement	Forms, Information, Documents Provided	Completed in BidSync	Viewed in BidSync	Attachment
10. Past Performance	Supplemental Information-Evaluation Criteria Response Form_Question 10			✓
	Supplemental Information-Vendor Reference Verification Form 1_FDOT_Atkins_Evaluation Criteria 10			✓
	Supplemental Information-Vendor Reference Verification Form 2_City of Miami_Atkins_Evaluation Criteria 10			✓
	Supplemental Information-Vendor Reference Verification Form 3_Altamonte Springs_Atkins_Evaluation Criteria 10			✓
	Supplemental Information-Vendor Reference Verification Form 4_FDOT_Atkins_Evaluation Criteria 10			✓
	Supplemental Information-Vendor Reference Verification Form 5_Keith and Associates_Evaluation Criteria 10			✓
	Supplemental Information-Vendor Reference Verification Form 6_Nova_Evaluation Criteria 10			✓
	Supplemental Information-Vendor Reference Verification Form 7_RADISE_Evaluation Criteria 10			✓
	Supplemental Information-Vendor Reference Verification Form 8_Quality Counts_Evaluation Criteria 10			✓
11. Quality Control	Supplemental Information-Evaluation Criteria Response Form_Question 11			✓
12. Workload of Firm	Supplemental Information-Evaluation Criteria Response Form_Question 12			✓
13. Location	<i>RFP-RFQ-RLI Location Attestation Form</i>	✓		
14. Willingness to Meet Time and Budget Requirements	Provided in Evaluation Criteria Form			✓
15. Volume of Previous Work	RFP-RFQ Volume of Previous Work Form (Evaluation Criteria) submitted in the BidSync system. Supplemental Information-Evaluation Criteria Response Form_Question 15			✓

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E. Evaluation Criteria

1. Ability of Key Personnel

Mr. Antoine Khoury, PE, will be our team’s proposed project manager (PM). Mr. Khoury has 30 years of experience in the private and public sector and has served as the PM for the Continuing Engineering Services for Transportation and General Civil Engineering Projects contract that has been ongoing for the past 2 years. Joining and serving as a backup in case of emergencies is **Dominic Novello, PE**, who served on the existing contract as PM for 3 years prior to moving into alternative delivery projects. Since that time, Mr. Khoury has taken responsibility as the PM of Atkins’ Broward GEC. Mr. Novello has more than 23 years of experience on variety of projects and serves as the PM champion for the Fort Lauderdale office. Supporting Mr. Khoury and Mr. Novello will be **Joseph Garrity, PE, PMP**, who will serve as the quality assurance manager with 31 years of experience in all aspects of the transportation projects that included, highway, interstate and transit project. The production team for this contract will be led by **Richard Creed, PE**, with 30 years of experience with FDOT where he was responsible for the management of in-house design for district 4. The drainage design team will be led by **Pijush Talukder, PE**, who has 20 years of experience in drainage and permitting of roadway for FDOT, Broward County and other municipalities. The traffic Design and operations will be led by **Paul Mannix, PE**, and **John Fielding, PE**, will be the lead’s for the signal /ITS and signing & pavement markings with over 29 years of experience between them. The transportation planning team will feature **Dennis Newjahr** and **Johnathan Nicholson, PE**, they have 55 years of combined experience in the transportation planning and demand modeling field.

Atkins’ Team Leaders

				
Antoine Khoury, PE Project Manager	Dominic Novello, PE Principal of the Firm	Joseph Garrity, PE, PMP Quality Assurance Manager	Richard Creed, PE Roadway Design Lead	Pijush Talukder, PE Drainage Design/ Permitting Lead
				
Paul Mannix, PE Signal Design/ ITS Lead	John Fielding, PE Signing and Pavement Marking Lead	Dennis Newjahr Transportation Planning and Traffic Studies Lead	Johnathan Nicholson, PE Transportation Planning and Traffic Studies Secondary Lead	

The current contract has provided a broad understanding of the types of projects that could be implemented under this proposed continuing services contract, including preliminary engineering, roadway design, drainage design, traffic signal design, congestion management plans, transportation demand modeling, school safety projects, utility design and permitting, onsite support for plan reviews, post design services, engineering inspection services, materials

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and verifications testing during construction. His experience in the public sector gives him a unique public client understanding and the unique nuances of utilizing public funding.

Mr. Khoury will be supported by a team comprised of many individuals that have worked on the current continuing services contract. The organizational chart in the next section (Question #2) identifies the key personnel proposed for this contract. The following list represents each of the firms that make up the Atkins Team:

Subcontractors

Atkins North America

Atkins will serve as the Prime Proposer for this pursuit, and is a leading provider of professional consulting services. With more than 3,800 employees and 77 U.S. offices, 18,000 employees globally and 980 professionals in Florida, Atkins offers a tremendous depth of experience and staff capacity to meet our clients' needs. While our size allows us to provide clients the resources of a large firm, Atkins' network of local offices allows us to offer the personal services and local knowledge that small firms typically provide.



Keith and Associates is a local firm that is headquartered in Pompano Beach with over 100 professionals having an extensive working knowledge of local and regional projects. Keith and Associates will be utilized in the field of utility verification and coordination. Their expertise in Subsurface Utility Engineering (SUE) provides accurate mapping of existing underground utilities. Keith and Associates are FDOT qualified for these services. As a member of the Atkins ongoing continuing services contract with Broward County Highway Construction and Engineering Department, Keith and Associates provides surveying and utility horizontal and vertical information services, and has also supported with utility coordination.



RADISE is a Florida based firm specializing in Geotechnical Engineering, Construction Materials Testing, Construction and Threshold Inspection Services with 17 years of experience working with both the public sector and serving clients including FDOT, SFWMD, USACE, cities, counties. Radise will be utilized for all Geotechnical Engineering, Construction Materials Testing, Construction and Threshold Inspection Services. Currently Atkins is partnering with Radise on the Port Everglades Program Management Contract and the Port of Miami Program Management Contracts.



PDS is a multi-discipline design and surveying firm serving south Florida since 2007 and headquartered in Miramar. The surveying team will provide a 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. Atkins will use the surveying and ROW mapping services of professional design services.



Nova Consulting is a local engineering consulting firm serving Broward and Miami-Dade Counties public clients specializing in civil and environmental engineering, as well as construction management and program management services. Their staff consists of highly skilled professional engineers, scientists, and geologists that specialize in water resources, engineering design, environmental planning, assessments, and permitting. Nova Consulting will be utilized for Civil/Utility Engineering projects and could also augment the team's CEI services.

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EXPERIENCE | Transportation

TranSystems is a multi-disciplined national firm with local presence in Broward County. One of the services that is provided by this firm is a highly-specialized structural engineering services for facilities such as bridges and related structures; maritime structural engineering; waterfront engineering; bridge inspection; bridge design and engineering; building engineering; mechanical, electrical and plumbing; and pipeline engineering. Their portfolio includes designs for new structures, as well as repairs to and rehabilitation of existing structures. Transystems will be utilized for specialized Movable Span Bridge Design and inspection services, and is a member of the current Atkins continuing services contract with Broward County Highway Construction and Engineering Department.



Quality Counts is data collection firm with quality as our their differentiator. Today, QC has 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 District 4 and District 6, the City of Fort Lauderdale, Broward County. Quality Counts is currently serving on the existing Broward County GEC contract.

FDOT prequalification

Our team holds FDOT prequalification in all categories of work that Broward County is anticipating as a potential work assignment under this contract. Each subconsultant and individual team member was hand selected based on their experience working with Broward County, their understanding of how a continuing services contract operates, their areas of expertise and experience level, and their value added to the team for any type of assignment that may be asked of the team.

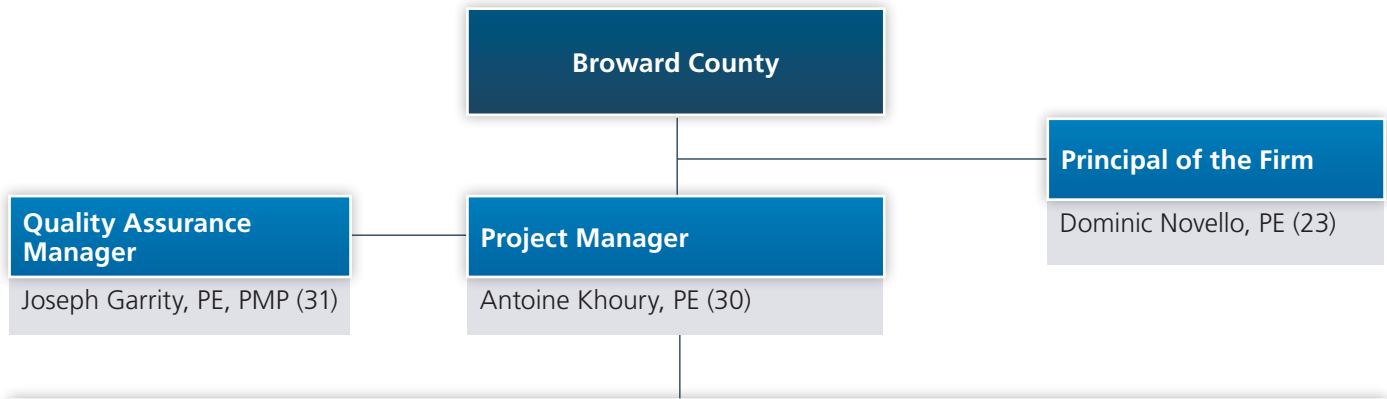
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E. Evaluation Criteria

2. Organizational Chart

Our proposal for this contract includes an in-depth organizational chart to help understand how we will operate in concert with the County's needs. We have structured our team around our understanding for the contract's scope of services and the potential projects that could be asked of our team. The organizational chart shows the discipline leads for each service our team offers, with each discipline offering a tremendous amount of depth and experience.

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Required Disciplines

<p>Roadway Design Lead: Richard Creed, PE (30) 2nd Lead: Martine Fils-Aime, PE (14) Raul Andujar, PE (18) Evhen Kyj, PE (9) Willmar Castro, PE (15) Dylan Scheinman, EI (2)</p> <p>Drainage Design/Permitting Lead: Pijush Talukder, PE (20) 2nd Lead: Mariger Figueroa, PE (11) Bahareh Inanloo, Ph.D., PE (5)</p> <p>Lighting Lead: Pete Trevin, PE, LEED AP (47) 2nd Lead: Herman Sanchez (40)</p> <p>Utility Coordination Lead: Raul Andujar, PE (18) 2nd Lead: Dylan Scheinman, EI (2) Daniel Checchia¹ (19)</p> <p>Signal Design/ITS Lead: Paul Mannix, PE, PTOE (22) 2nd Lead: John Fielding, PE, PTOE (7) Chris Schultz, PE (13) Acey Roberts, PE (17) Melissa Toth, PE (25)</p> <p>Signing and Pavement Marking Lead: John Fielding, PE, PTOE (7) 2nd Lead: Acey Roberts, PE (17) Garrett Hurst, PE (5)</p>	<p>Transportation Planning and Traffic Studies Lead: Dennis Newjahr (40) 2nd Lead: Jonathan Nicholson, PE (15) Kent Blunt, IE (5) Chris Russo, PE, PTOE (10)</p> <p>Landscape and Master Planning Design Lead: Harry Belton, RLA (36) 2nd Lead: Jason Keese (10)</p> <p>Construction and Engineering Inspection Lead: Michael Ryan, PE (17) 2nd Lead: Reza Shams (38) Miguel Rios (25)</p> <p>Scheduling, Cost Estimation, Conflict Resolution Lead: Diego Clavijo, PMP, PSP (29) 2nd Lead: Praveen Ommi (23)</p> <p>Structures and Bridge Design Lead: Glenn Myers, PE (42) 2nd Lead: Selchuk Yetimoglu, PE (33) Hector Lopez PE (12) Arthur Wolek PE (25)</p> <p>Movable Span Bridge Design and Structural Support TransSystems Lead: Steven Shaup, PE⁶ (24) 2nd Lead: Claudio Fauzio, PE⁶ (20)</p>	<p>Utility coordination and Subsurface Utility Verification Keith and Associates Lead: Daniel Checchia¹ (19) 2nd Lead: Aracely Andollo-Soto¹ (22)</p> <p>Civil Site Engineering and Utility Design Nova Consulting, Inc. (CBE) Lead: Harold Aiken, PE² (30) 2nd Lead: Steven Eagle, PE² (35) Juan Curiel, PE² (16)</p> <p>Surveying and ROW Mapping Premiere Design Solutions Lead: Fernando Fernandez, PSM³ (19) 2nd Lead: Jorge Michel Olmo³ (20) Luis Jurado, PE³ (15)</p> <p>Geotechnical and Testing Services RADISE Lead: Gregory Stelmack, PE⁵ (27) 2nd Lead: Tom Mullin, PE⁵ (37) Akash Bissoon, PE⁵ (13)</p> <p>Traffic Data Collection Quality Counts Lead: Glenn Davis⁴ (8)</p>
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Key: First and Last Name (# of years of experience)

- Subcontractors**
- 1 Keith and Associates, Inc.
 - 2 Nova Consulting, Inc. (CBE)
 - 3 Premiere Design Solutions, Inc. (CBE)
 - 4 Quality Counts
 - 5 RADISE International, LC (CBE)
 - 6 TranSystems

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Antoine Khoury, PE Project Manager



Education

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

Registrations

- Professional Engineer: Florida
51092

Professional affiliations

- American Society of Civil
Engineers

Software

- Microsoft Office
- Adobe Creative Suite

Antoine Khoury has 30 years of transportation infrastructure experience involving highway widening, capacity/safety intersection improvements, bridge rehabilitation/replacement, non-motorized recreational trails, light rail transit planning, pavement rehabilitation, and asset management of transportation infrastructure for public agencies.

Mr. Khoury's project experience includes:

Broward County General Engineering Consultant, Broward County, FL.

Broward County liaison and project manager responsible for daily management of all active task orders (25 projects) that are authorized under the general engineering consultant services contract. During the past two years he has worked with Broward County staff to improve the delivery process of invoices, plan productions, constructability reviews, and field assessments to quantify the needs of each project. Developed and participated in more than 25 scopes of services, man-hour estimates, and sunshine meetings with county staff and the Atkins team. Prepared scopes and man-hour estimates for a variety of projects that include surveying, construction engineering inspection, construction plan preparation, utility design, utility coordination, geotechnical services, structure design, pavement design and rehabilitation, bridge design and rehabilitation and transportation planning assignments

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

Seminole County Public Works, Public Works Director, Interim Public Works Director, and Assistant Public Works Director.

Managed and directed the operations of Public Works with 250 employees that had 5 divisions: Engineering/Capital Projects, Traffic Engineering, Roads and Drainage Maintenance, Water Quality Management Division, and Fleet/Facilities Division. Shifted the latest funding from just capital improvements to infrastructure maintenance, rehabilitation, and capital projects. Implemented an asset management program that evaluated the infrastructure (including pavement) and was instrumental in the pavement rehabilitation program renewal program that would rehabilitate the asset prior to failure with almost a success rate of 80- to 85 percent.

Seminole County Engineering, FL. Assistant county engineer. Responsible for daily operation of engineering division. Program manager for the Seminole County capital program (\$30 million annual budget) that included capital construction, as well as the daily administration of the engineering division (55 employees). Final negotiator on all right-of-way settlements and all contractor dispute negotiations/resolution of all change order claims. Developed a program management system to track all capital projects including the pavement rehabilitation program. Lead contract administrator for the general engineering consultant contract with an

Antoine Khoury, PE, pg 2

annual budget of \$2 million that included out-of-office and in-house staff of program and project managers.

Seminole County Engineering, FL. Production manager/principal engineer for the services/internal production section of 30 employees with 6 direct reports responsible for budgeting and management of a \$20 million annual budget. Managed consultant negotiations, reviewing requests for proposals/requests for qualifications and fees/scope negotiations for all consultant and contractor selections. Project manager and contract manager of multiple design and construction projects. Major developer of the 2001 transportation sales tax program totaling \$350 million of transportation projects spanning a 10-year period.

Seminole County Public Works, FL. Principal engineer. Supervisor and engineer-of-record for the internal production section with a total of seven designers/engineers that included three professional surveyors and three surveying field crews. Responsible for design, environmental permitting, and construction of approximately \$2 million of construction using county crews.

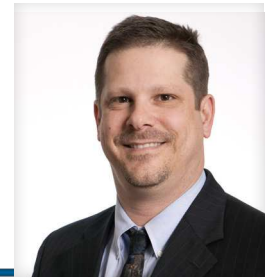
Seminole County Public Works, FL. Transportation engineer. Review of transportation impact analysis studies, signal warrant studies, and major transportation preliminary engineering studies submitted to Seminole County.

Transportation Engineer VHB. Prepare transportation and traffic analysis studies, signal warrant studies, roadway traffic report analysis, transportation planning modeling, and forecasting.

Transportation Engineer Glatting Jackson, Inc. Transportation and traffic analysis studies, signal warrant studies, and roadway traffic report analysis.



Dominic Novello, PE
Principal of the Firm



Education

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

Registrations

- Professional Engineer: Florida
53874

Certifications

- Advance Maintenance of Traffic
Control Plans for Construction

Professional affiliations

- Florida Engineering Society
- American Society of Civil
Engineers
- National Society of Professional
Engineers
- American Society of Highway
Engineers
- Florida Engineering
Society
American Society
of Civil Engineers
National
Society of Professional
Engineers
American Society of
Highway Engineers

Dominic Novello has 23 years of diverse experience in roadway plans production and project management. His project involvement has included virtually all phases of roadway improvement development including design alternative studies, concept analyses, complex highway design, roadway drainage design, value engineering studies, preparation of final construction plans, and construction assistance. Involvement in these various tasks has included project engineering, quality control/quality assurance reviews, and project management. Mr. Novello's thorough knowledge of the Florida Department of Transportation's Plans Preparation Manual, Drainage Manual, Roadway and Traffic Design Standards, and Manual on Uniform Traffic Control Devices as well as American Association of State Highway and Transportation Officials' Policy on Geometric Design of Highways and Streets, enables him to oversee all aspects of design and plans production. Having served in roles ranging from project engineer to project manager on numerous high-profile projects in south Florida, Mr. Novello has an excellent understanding of the processes and design practices involved in highway design projects.

Mr. Novello has experience coordinating elements of projects with local, state, and federal highway agencies; environmental permitting agencies; utility companies; construction management staff; and the general public.

Mr. Novello's project experience includes:

SR A1A (Oakland Park Boulevard to Flamingo Avenue), Florida Dept. of Transportation District Four, Broward County, FL. Project manager responsible for the development of the Broward County Greenway within this segment. The design phase involved extensive coordination with the City of Fort Lauderdale, Broward Metropolitan Planning Organization, and the local community. The public involvement effort was critical to the success of this project. The design elements involved reconstruction of SR A1A, implementation of buffered bike lanes, detailed maintenance of traffic, utility coordination, and a landscape/streetscape theme developed in conjunction with stakeholders.

SR 814/Atlantic Boulevard from West of US 1 to SR A1A/Ocean Drive, Dept. of Transportation District Four, Broward County, FL. Project manager responsible for roadway design, typical section, maintenance of traffic, pavement design, signing and pavement marking, and TRNS\$PORT input. The project involved narrowing the existing divided roadway from six to four lanes, sidewalk reconstruction, milling and resurfacing, signalization enhancements, landscaping enhancements, and upgrading all pedestrian features to meet the Americans with Disabilities Act standards. The Pompano Beach Community Redevelopment Agency provided funding for a portion of the project, becoming a partner in the

Dominic Novello, PE, pg 2

communication and coordination process to ensure the successful implementation of this high profile project.

SR-870/Commercial Boulevard from NE 18th Avenue to Intracoastal Waterway, Florida Dept. of Transportation District Four, Broward County, FL.

Project manager responsible for roadway design, typical section, traffic control, pavement design, signing and pavement marking, and TRNS•PORT input. The project involves milling and resurfacing, sidewalk construction, signalization and lighting enhancements, and upgrading all pedestrian features to meet the Americans with Disabilities Act standards.

SR 7/US 441 (North of Broward Boulevard to South of Oakland Park Boulevard), Florida Dept. of Transportation District Four, Broward County, FL.

Project manager responsible for developing roadway designs, typical sections, maintenance of traffic plans, pavement designs, and signing and pavement marking plans. Responsibilities also included TRNS\$PORT input. Working closely with multiple agencies including the Cities of Plantation, Lauderhill, and Lauderdale Lakes; Broward County; and South Florida Water Management District was essential. SR 7/US 441 is recognized as one of the busiest corridors in Broward County; as such, traffic control and public involvement were vital to project success.

SR 5/US 1 from North of Commercial Boulevard to North of C-14 Canal, Florida Dept. of Transportation District Four, Broward County, FL.

Project manager responsible for roadway design, typical section, maintenance of traffic, pavement design, signing and pavement marking, and CES input. The project involved milling and resurfacing, sidewalk construction, signalization and lighting enhancements, and upgrading all pedestrian features to meet ADA standards. Coordination with the City of Fort Lauderdale was imperative.

SR 811 (Hillsboro Boulevard to Broward/Palm Beach County Line), Florida Dept. of Transportation District Four, Broward and Palm Beach Counties, FL.

Assistant project manager/engineer-of-record responsible for roadway design, typical section, maintenance of traffic, pavement design, signing and pavement marking, and TRNS\$PORT input. This project involved the reconstruction of an at-grade roadway to an elevated structure crossing over the Florida East Coast railway and Hillsboro River. Coordination among roadway design, drainage, utilities,

structures, landscaping, signals, right-of-way, and maintenance of traffic was essential. The project was converted to a design-build, and Mr. Novello supervised the development of the criteria package.

SR 9/I-95 (South of SR 614/Indrio Road to the St. Lucie/Indian River County Line), Florida Dept. of Transportation District Four, St. Lucie County, FL.

Project manager responsible for the development of the design-build request for proposal criteria package, which included vertical and horizontal geometric design, typical section and pavement design development, maintenance of traffic concept, and master signing and pavement marking for the entire I-95 corridor throughout St. Lucie and Indian River Counties. This project widens the existing four-lane divided facility to an eight-lane section south of the SR 614/Indrio Road interchange, and a six-lane section north of the interchange. Coordination among numerous conventional design and design-build projects adjacent to both ends of the project limits was critical.

SR 9/I-95 (South of SR 70/Okeechobee Boulevard to South of SR 614/Indrio Road), Florida Dept. of Transportation District Four, St. Lucie County, FL.

Project manager responsible for the development of the roadway design of the interchange cross streets (SR 70 and SR 68) including vertical and horizontal geometric design, typical section and pavement design, maintenance of traffic, and signing and pavement marking. SR 70 widens from the existing four-lane divided facility to an eight-lane section, while SR 68 widens from the existing four-lane divided facility to a six-lane section. Coordination with ongoing design and construction projects on I-95 as well as SR-70 has been critical to the success of this project.

SR 9/I-95 (North of SR 794/Yamato Road to South of Linton Boulevard), Florida Dept. of Transportation District Four, Palm Beach County, FL.

Project manager responsible for the development of the design-build request for proposal criteria package, which included vertical and horizontal geometric design, typical section and pavement design development, maintenance of traffic concept, and master signing and pavement marking. This project will widen the existing four-lane divided facility to an eight-lane section.



Joseph Garrity, PE, PMP Quality Assurance Manager



Education

- M.S., Civil Engineering, University of South Florida
- B.S., Civil Engineering, Michigan Technological University

Registrations

- Professional Engineer: Florida 41909

Certifications

- TxDOT Precertified, ESN 19927
- National Council of Examiners for Engineering and Surveying (NCEES), 49183, 2012
- Project Management Professional (PMP), 2013
- Associate Design Build Professional

Professional affiliations

- Project Management Institute Florida Engineering Society National Society of Professional Engineers Design-Build Institute of America, Gulf Coast Chapter

Joseph Garrity has 31 years of experience in the highway transportation engineering field. His expertise includes highway design, traffic engineering, investigation and determination activities for minor and major highway facilities, and environmental compliance studies/reports, including environmental impact statements in accordance with NEPA. Mr. Garrity has obtained diverse transportation experience in the project development process, from initial project planning and scoping through designing and managing final design plans for highly complex projects. His hands-on approach to project management includes staying involved with all aspects of project development, client relations, and effectively leading multidiscipline project teams, including engineering staff, graphics and other support teams, subconsultants, and interoffice project teams.

Mr. Garrity's project experience includes:

Purple Line Public-Private Partnership, Maryland Transit Administration, Montgomery and Prince George's Counties, MD. Package manager for the Montgomery County portion of the project for approximately 9 months. Part of an integrated leadership team responsible for monitoring scope, schedule, budget, and quality; assisting with third party coordination; interface management; facilitation of project issues; and package delivery oversight. The Purple Line design-build project is being constructed under the Metropolitan Transit Authority in Maryland just north of the District of Columbia. It is a much needed 6.2-mile link that includes the construction of 21-new stations to accommodate commuter traffic along an east-west corridor using light rail vehicles. The transit way that will extend from its western terminus in Bethesda to its eastern terminus at the New Carrollton Metro Station, located just inside the Washington, DC area I-495/Capital Beltway. The cost to build the Purple Line is estimated at approximately \$2 billion once completed in 2022.

I-4 Public-Private Partnership Ultimate Project (South of Kirkman Rd to North of SR 434), Fluor/Kiewit, Construction Joint Venture, Orange County, FL. Design section lead for the procurement process for the I-4 Public-Private Partnership team to prepare a bid for the design, construction, and operation of the I-4 Ultimate project. This project was very complex and included fully controlled access on interstate highway. The co-located CJV project efforts occurred over a seven month period and included development of solutions for the \$2 billion reconstruction of 21 miles of I-4 through the Orlando metro area, incorporating eight general use lanes and four tolled express (managed) lanes. Because of Mr. Garrity's broad experience in controlled access interchange design he was selected as section lead for the Downtown Interchange area which represented approximately half of the project design effort. Mr. Garrity participated in the design criteria selection, complex roadway and bridge design including horizontal and vertical

Joseph Garrity, PE, PMP, pg 2

alignments of eight interchanges including the downtown Orlando 4-level directional interchange, ATC development, and leading the technical teams for the downtown area section including roadway, TCP, drainage, and structures.

I-275-SR 60 Interchange From East of Spruce Street to I-275, Florida Dept. of Transportation, Hillsborough County, FL. Project director responsible for the design and preparation of preliminary line and grade plans for the interchange improvements. Atkins is preparing preliminary construction plans and conceptual permit for the four-level S.R. 60/I-275 Interchange, located in the Westshore Area of Tampa Bay just south of the Tampa International Airport. The project also includes the completion of the Tampa Interstate express lanes from the Courtney Campbell Causeway, through the I-275/SR 60 Interchange, and ultimately eastward to downtown Tampa along I-275. Challenging aspects of this project include interagency coordination among local officials, business interests, consultants, and the general public; coordination with the design consultant for the adjacent project; field survey due to heavy traffic volumes; and the design and permitting of stormwater management systems because of the highly urbanized environment. Related project elements include complex roadway and bridge design, local system intersection layouts; preliminary drainage analysis and reports; retaining wall designs; design documentation and analyses; public involvement; traffic control plans; and cost estimates. The cost of the interchange is expected to exceed \$650 million.

I-4/Selmon Connector Interchange Design from the Lee Roy Selmon Crosstown Expressway to 7th Avenue, Florida Dept. of Transportation District Seven, Hillsborough County, FL. Project director for the preparation of preliminary and final construction plans for the I-4/Selmon Connector Interchange, a complex multi-level directional interchange located near downtown Tampa and Ybor City. The project is part of a coordinated effort to improve the Tampa Interstate System. This connection will provide an important link to Port of Tampa, a significant economic center in the Tampa Bay area. One challenging aspect of this project is the interagency coordination between local officials, business interests, consultants, and the general public. Adding to coordination efforts is the fact that the project will be designed together with an adjacent project being prepared by a different consultant. Related elements of the project include: preliminary and final roadway design; complex bridge designs and

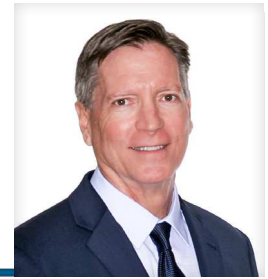
intersection layouts; preliminary drainage analysis; pond siting report; retaining wall designs; hazardous material concerns; impacts to McKay Bay Park (Section 4(f) issues); design documentation and analyses; public involvement; traffic control plans; cost estimates; and all other services necessary to complete the design of this high-profile project. Adding to the complexity, four bid alternatives were prepared for the letting including Steel Box, Segmental Box, Steel/Bulb T and Segmental/Bulb T. The construction cost for the project was approximately \$390 million.

SR 694 (Gandy Boulevard) from West of 9th Street to East of 4th Street, Florida Dept. of Transportation, Pinellas County, FL. Project manager for the preparation of preliminary and final construction plans for the improvement of SR 694 (Gandy Boulevard) from west of 9th Street to east of 4th Street. The existing four-lane rural arterial was widened to six lanes with frontage roads and interchanges at 16th Street, 9th Street, and 4th Street. This project was very complex and was partially controlled access. Mr. Garrity was directly involved with the overall project management, interagency coordination among local officials, business interests, consultants, and the general public; design criteria selection, complex roadway and bridge design including horizontal and vertical alignments of three interchanges, local system intersection geometric layouts; traffic control plans; and cost estimates. This project was selected to be let as a design-build project. Mr. Garrity was the lead in preparing the RFP and is currently the owner's representative. The project was let for construction for \$81 million.

SR 542 (Dundee Road) from Buckeye Loop Road to US 27, Florida Dept. of Transportation, District One, Polk County FL. Project manager and engineer-of-record for the reconstruction of approximately 4 miles of SR 542 (Dundee Road). The project involved reconstruction of the existing two- to three-lane road to a four-lane divided arterial section, replacement of the open drainage system with a closed drainage system with treatment ponds, and reconstruction and signalization of several major intersections. Services included plans, specifications, estimates, permitting, public involvement, project design and environment (PD&E) study reevaluation, right-of-way mapping, and excavation of muck areas using a staged approach and temporary sheet pile walls. The anticipated project cost was approximately \$35 million.



Richard Creed, PE Roadway Design



Education

- B.S., Civil Engineering,
University of Florida

Registrations

- Professional Engineer: Florida
47162

Software

- MicroStation
- GeoPAK
- AutoCAD Civil 3D

Richard Creed has more than 30 years of roadway design experience with the Florida Department of Transportation (FDOT) District 4 Design office. For the last 15 years, Mr. Creed has led the FDOT District 4 in-house design unit of up to 35 engineers and technicians managing all aspects of in-house design production preparing construction plans with an annual budget of up to \$75,000,000, including highway reconstruction, signalization, lighting, resurfacing, Broward County Mobility (bike and transit improvements), complete streets, safety, and bridge construction. He is well-versed in FDOT design criteria and standards, specifications, and AASHTO criteria and guidelines in the daily production environment. He was an active member of numerous statewide and District 4 committees that focused on complete streets and multimodal improvements including FDOT Complete Streets Team, D4 Lane Elimination Team, and Broward MPO Complete Streets Committee. These groups were created to review and/or create complete streets criteria and standards appropriate for state and local roadways.

Mr. Creed's project experience includes:

Bike/Pedestrian Work Program, Broward Metropolitan Planning

Organization, Broward County, FL. This project involved developing and implementing bicycle/pedestrian program for Broward County MPO. In-house design developed scope of work, schedule, and budget based on county priorities and funding. As the District Roadway Design Engineer, Mr. Creed was responsible for oversight as well as performing quality assurance/quality control (QA/QC) and technically assisted in-house staff.

SR 810 Hillsboro Boulevard from Military Trail to US 1, FDOT District

4, Deerfield Beach, FL. The scope of the 2.8-mile section of roadway included widening and resurfacing, rehabilitation and restoration, lighting, interchange improvements at I-95, and extensive public involvement due to the commitment of aesthetic funding and lane elimination process. As District Roadway Design Engineer, Mr. Creed was responsible for reviewing all submittals and ensuring phase review comments were adequately addressed for each submittal. Additionally, he performed quality assurance/quality control (QA/QC) and technically assisted in-house staff.

Sunset Strip from Nob Hill Road to Sunrise Blvd, Broward County, FL.

Complete Streets project including lane elimination and two roundabouts with the City of Sunrise. Scope included drainage, bike lanes and roundabout design. As the District Roadway Design Engineer, Mr. Creed was responsible for reviewing all submittals and ensuring phase review comments were adequately addressed for each

Richard Creed, PE, pg 2

submittal. Additionally, he performed quality assurance/quality control (QA/QC) and technically assisted in-house staff.

SR A-1-A (Commercial Blvd.), Florida Dept. of Transportation, Broward County, FL. Project manager and Engineer-of-Record responsible for the development of plans and project management for a 1.5 mile resurfacing, restoration, and rehabilitation (RRR) project in Lauderdale by the Sea. This project involved innovative drainage system, access management issues, decorative lighting (vehicular and pedestrian), decorative hardscape features, utility relocation, and numerous license agreement challenges. Additionally, we worked to provide a 3-foot shoulder area for bicycle traffic through the variance request process.

SR A-1-A (Vero), Florida Dept. of Transportation, Indian River County, FL. Project manager and Roadway Engineer-of-Record responsible for the development of the plans and project management for this 2.7-mile resurfacing, restoration, and rehabilitation (RRR) project. The project involved extensive drainage work, utility coordination and relocation, permits, signalization, landscaping, and bike lanes. Coordination with local community and city was extensive in this effort due to an easement swap with a local development in order to acquire outfall access for the drainage system.

SR 84, Florida Dept. of Transportation, Broward County, FL. Project manager and Roadway Engineer-of-Record responsible for the project management and plans development for the 5-mile resurfacing, restoration and rehabilitation (RRR) in Davie, Florida. This project involved resurfacing, signalization, signing and marking, guardrail design, ADA challenges, constructing right-turn lanes, drainage, bike lane design, and permits. The canal adjacent to the roadway created a challenge in terms of protecting the vehicular clear zone at each bridge while still maintaining pedestrian and bicycle access.

CR 818 (Griffin Road), FDOT, Broward County, FL. Project manager and Roadway Engineer-of-Record responsible for the project management and plans development for the 2-mile reconstruction project from Flamingo Road to West of I-75. Project involved the conversion of the 2-lane rural roadway to an urban 4-lane divided roadway (capable of future conversion to 6-lane with minimum throw away) with full drainage system

including ponds, sidewalks, street lighting, signing and marking, signalization, bike lanes, sewer relocations, and landscaping. Extensive public involvement was needed due to the capacity improvements and access impacts.

I-75/Miami Canal Design, FDOT, District Four, Broward County, FL. Project engineer responsible for the geometry design of a completely new interchange at the Miami Canal in the Everglades. Responsibilities included connector road geometry, vertical geometry, parking lot layout, earthwork cross sections, drainage ponds, boat ramp configuration, quantity calculations, MOT plans, permit document creation, and overall plans development. Features of this project included truck and car parking lots, boat ramps, six interstate on/off ramps, four connector roads, water and sewer treatment plants, seven acres of drain fields, detention ponds, and an air-conditioned rest facility with bathrooms. One major accomplishment involved obtaining approval of the conceptual design layout and footprint from the Florida Game and Fresh Water Fish Commission, Federal Highway Administration, and Department of Environmental Protection. This project received two awards; the Davis Productivity Award for savings to the taxpayers of Florida and the National Partnership for Highway Quality (NPHQ). Construction cost was approximately \$27 million.

Dixie Highway Reconstruction, FDOT, District Four, Pompano Beach, FL. As project engineer for this 6-mile reconstruction project, responsibilities included the establishment of the horizontal and vertical alignment of this 2-lane undivided- to 4-lane divided roadway including signalization, lighting, bike lanes, and sidewalks. This capacity project included ROW acquisition with several court appearances, major drainage design with drainage ponds, access management changes, environmental impacts, utility coordination/JPA agreements, plateau intersection, permitting, and landscaping. The construction cost of this project was \$12 million.



Martine Fils-Aime, PE

Roadway Design



Education

- M.S., Civil Engineering (emphasis on Structural Engineering), Florida A&M University, 2004
- B.S., Civil Engineering, Florida A&M University

Registrations

- Professional Engineer: Florida 69769

Professional affiliations

- National Society of Black Engineers (NSBE)

Software

- MicroStation, version 7.1 (GEOPAK)
- AutoCAD 2005
- Structural Analysis and Design (STAAD) Pro 2004
- MathCAD

Martine Fils-Aime has 14 years of experience that includes designing and producing estimates for major projects. She serves as one of the lead technical professionals for the roadway design group, specializing horizontal and vertical geometric design meeting state and local municipality standards. Ms. Fils-Aime's design experience includes capacity improvements, with projects including converting a stabilized dirt road to a four-lane divided urban typical, and complex design-build interchange multi-ramp designs. She has provided design services for various major FDOT transportation projects in Districts One, Four, and Seven. She has also worked with local municipalities such as Pinellas, Hillsborough, and Sarasota Counties. She has managed projects ranging from \$700K to \$2M in design fees.

Ms. Fils-Aime's project experience includes:

Tampa International Airport (TPA) South Development Area Roadway Improvements Design-Build, Hillsborough County Aviation Authority, Hillsborough County, FL. Provided quality control for roadway segments for the Tampa International Airport South Development Area project, which included plans to construct an automated people mover, a new ConRAC, and south terminal support area improvements that required widening and relocation of the existing north-south airport service road, relocation of the Bessie Coleman service road, and associated improvements to the roadway network in the general south terminal support area.

30th Avenue North Bicycle Facility Design Services, City of St. Petersburg, Pinellas County, FL. Transportation engineer assisted with providing roadway design services for a 4-mile corridor streetscape of one of the most trafficked pedestrian roads in the city. The City desired non-intrusive survey support to create topographic plans and right-of-way maps for the construction of pedestrian-travel facilities and bike lanes spanning the corridor.

Harbor Drive Intersection Improvements, City of Venice, Sarasota County, FL. Provided quality control for roadway segments for this intersection improvement project that included updating traffic operations near the City of Venice beach by adding a northbound bypass right-turn lane to Harbor Drive.

Lorraine Road Extension Design Services, Lakewood Ranch Stewardship District, Lakewood, FL. Project manager and EOR for the Lorraine Road project, which is a 1.25-mile-long private roadway that intersects Fruitville Road approximately 4 miles east of Interstate 75 in Sarasota County. The project included calculating the limits of the existing private right-of-way for Lorraine Road, calculating the limits of the existing public right-of-way for Fruitville Road, and preparing legal description and sketches for a 140-foot-wide road right-of-way, a 10-foot wide roadway easement, and a 20-foot wide drainage easement.

Martine Fils-Aime, PE, pg 2

Northeast Coachman Road at Coachman Road Intersection Improvements Design Services, Pinellas County, FL. Project manager and engineer-of-record 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.

CR 296/118th Avenue (Future SR 690, FIHS/SIS Designated Roadway), Florida Dept. of Transportation, District Seven, Pinellas County, FL. Transportation engineer responsible for plans preparation and submission to the client. Responsibilities include designing horizontal and vertical geometry for a major arterial facility connecting US 19 to I-275, using 118th Avenue. The design includes five bridges, a bridge widening, and frontage road realignments. Also responsible for producing the construction estimate for the entire project, and submitting an annual long range estimate to the FDOT project manager. Also served as assistant project manager responsible for reviewing the task and project budgets; communicating to the various task managers and subconsultants the status of their budgets and reporting accounting updates in Oracle accounting system; and making sure Atkins QA/QC is met on work produced by junior staff members working on the project.

Beartooth Highway (U.S.212), Federal Highway Administration, Central Federal Lands Highway Division, Park County, WY. Assisted with the submittal of a full plan set. Responsibilities included final plans production, assuring that federal highway standards, and specifications were met and helped calculate wetland impacts for the project environmental report. Also responsible for quantities and producing a project estimate.

SR 45 (US 41), Florida Dept. of Transportation, District Seven, Citrus County, FL. CAD assistant responsible for preparing line and grade profiles for the 15 percent submittal. Responsibilities included updating the various plan sheets.

SR 54 (from Mitchell Boulevard to Gunn Highway), Florida Dept. of Transportation, District Seven, Pasco County, FL. Transportation engineer. This project involved production of maintenance of traffic (MOT) plans. Responsibilities included updating MOT plan sheets and quantifying pay items.

I-275 (SR 93) (Segment 2A - from Himes Avenue to East of Hillsborough River Bridge), Florida Dept. of Transportation, District Seven, Hillsborough County, FL. Transportation engineer responsible for the preparation of construction plans for operational improvements to I-275 (SR 93) from Himes Avenue to east of the Hillsborough River Bridge. Responsibilities included quantifying pay items for the computation book and verifying the unit cost of each pay item using FDOT's TRN-SPORT program.

US 19 (SR 55) (Sunset Point Road to South of Countryside Boulevard), Florida Dept. of Transportation, District Seven, Pinellas County, FL. Transportation engineer responsible for designing temporary ramps for MOT purposes, quantifying pay items for the computation book, and verifying the unit cost of each pay item using the FDOT Trns-port program. Participated intensively in the electronic delivery (E-Delivery) process of the project to FDOT, using both the 2002 and 2004 editions of FDOT's Electronic Delivery program. This project involving preparation of construction plans for operational improvements to US 19 (SR 55) from Sunset Point Road to south of Countryside Boulevard.

I-75 (SR 93) (From North of CR 54 TO North of SR 52), Pasco County, FL. Design lead during the proposal phase of the project. Responsibilities included updating the design by implementing a new design concept for Ramp C and updated mainline profiles. Also served as TCP design lead, providing a TCP scheme that included the use of an ACROW bridge. Coordinated with the Atkins project manager, contractor, and structures leads during the proposal to assure an efficient design was provided. Assisted with overall plans production of the proposal, and verifying the plans and the TCP concept plans matched the intended design.



Raul Andujar, PE

Roadway Design/Utility Coordination



Education

- B.S., Civil Engineering,
University of Florida

Registrations

- Professional Engineer: Florida
62989

Certifications

- Advance Maintenance of Traffic
– Traffic Control Plans for
Construction

Professional affiliations

- Florida Engineering Society
- American Society of Civil
Engineers
- American Society of Highway
Engineers

Software

- MicroStation
- Geopak
- MS Office

Professional development

- FDOT Course: Advanced
Refresher Maintenance of
Traffic Cert. of Qualification
- 2014 LRE Training
- 2006 FDOT/FICE Design
Conference
- 2002 FDOT/FICE Design
Conference
- Geopak Winter 2001 Users
Conference
- October/November 2000
Update Training

Raul Andujar is a project manager with 18 years of experience. He has an in-depth knowledge of Broward County Standards, Florida Department of Transportation (FDOT) Design Standards, FDOT's Plan Preparation Manual, Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway and Transportation Officials (AASHTO) Policy on Geometric Design of Highways and Streets, FDOT's Basis of Estimates, FDOT's Flexible Pavement Design Manual, and FDOT's CADD Production Criteria Handbook. He is also certified in Advanced Maintenance of Traffic. His background includes roadway design, typical sections, maintenance of traffic, pavement design, signing and pavement markings, specifications, and permit and utility coordination. Mr. Andujar's project experience includes reconstruction, widening and/or milling and resurfacing, Americans with Disabilities Act (ADA) upgrades, signalization, landscape, and irrigation.

Mr. Andujar's project experience includes:

Pine Island Road (south of Nova Drive to I-595 / SR 84), Broward County, FL. Project manager in charge of roadway design and signing and pavement markings. The project involved the reconstruction of Pine Island Road to provide three, eleven-foot lanes and a 5-foot bike lane in each direction, raised median, drainage system modifications, ADA upgrades, addition of proposed mast arms at two intersections, and landscape and irrigation improvements.

Park Road at Taft Street Intersection Improvements, Broward County, FL. Project manager in charge of roadway design and signing and pavement markings. The project involved addition of proposed mast arms and pedestrian poles, ADA upgrades, curb returns' redesign and signing and pavement markings upgrades.

Sheridan Street at Palm Avenue Intersection Improvements, Broward County, FL. Project manager in charge of roadway design and signing and pavement markings. The project involved addition of proposed mast arms and pedestrian poles, ADA upgrades, curb returns' redesign, and signing and pavement markings upgrades.

Pine Island Road at Sunset Strip Intersection Improvements, Broward County, FL. Project manager in charge of roadway design and signing and pavement markings. The project involved addition of proposed mast arms and pedestrian poles, ADA upgrades, curb returns' redesign, and signing and pavement markings upgrades.

Cooper City High School Zone Improvements, Broward County, FL. Project manager in charge of signing and pavement markings. The project involved school zone improvements along Stirling Road and SW 90th Avenue.

Raul Andujar, PE, pg 2

Pembroke Lakes Elementary Improvements, Broward County, FL. Project manager in charge of signing and pavement markings. The project involved school zone improvements along NW 113th Avenue and Taft Street.

Dykes Road at SW 29th Street Intersection Improvements, Broward County, FL. Project manager in charge of roadway design and signing and pavement markings. The project involved addition of proposed mast arms and pedestrian poles, median and outside lane modifications to allow for a U-turn movement, ADA upgrades, curb returns' redesign, and signing and pavement markings upgrades.

Oakland Park Blvd. at Hiatus Road Intersection Improvements, Broward County, FL. Project manager in charge of roadway design and signing and pavement markings. The project involved addition of proposed mast arms and pedestrian poles, ADA upgrades, curb returns' redesign, and signing and pavement markings upgrades.

Sheridan Street at NW 76th Avenue Intersection Improvements, Broward County, FL. Project manager in charge of roadway design and signing and pavement markings. The project involved addition of proposed mast arms and pedestrian poles, ADA upgrades, curb returns' redesign, and signing and pavement markings upgrades.

SR A1A/North Ocean Boulevard (Oakland Park Boulevard to Flamingo Avenue), Broward County, FL. Project manager in charge of roadway design, typical sections, and pavement design. The project involves the reconstruction of SR A1A to provide two, ten-foot lanes in each direction and a 6-foot buffered bike lane, drainage system modifications, ADA upgrades, signing and pavement markings modifications, addition of proposed mast arms at two intersections, new decorative lighting, and hardscape elements.

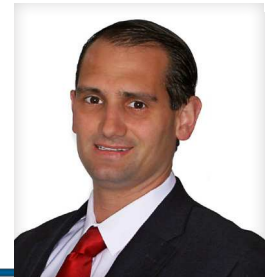
SR 814/Atlantic Boulevard (west of SR 5 [US 1] to SR A1A), Broward County, FL. Project engineer in charge of utility coordination as well as the lead designer for roadway design, typical sections, traffic control, pavement design, and signing and pavement markings. The project involved milling and resurfacing, narrowing of 6-lane roadway to a 4-lane roadway, sidewalk construction, signalization, and upgrading all pedestrian features to meet current ADA standards.

SR 814/Atlantic Boulevard (east of I-95 to west of US 1), Broward County, FL. Project engineer in charge of utility coordination as well as the lead designer for roadway design, typical sections, traffic control, pavement design, and signing and pavement markings. The project involved milling and resurfacing, sidewalk construction, signalization and lighting enhancements, and upgrading all pedestrian features to meet current ADA standards.

SR 811/Dixie Highway Reconstruction Design-Build, Broward and Palm Beach Counties, Florida Dept. of Transportation District 4, Broward County, FL. Project engineer in charge of traffic control plans and utility coordination and assisting with roadway design, typical sections, pavement design, signing and pavement markings, and TRNS*PORT. The project provided a new alignment in the form of a major structural flyover, crossing over the Florida East Coast Railway rail corridor, Hillsboro Canal, and multiple local roadways. The ultimate configuration connects City of Deerfield Beach and City of Boca Raton with a four-lane divided facility, the final link in the Dixie Highway corridor. The project involved roadway reconstruction, proposed drainage, utility coordination, structures, landscaping, signals, right-of-way, railroad coordination, and maintenance of traffic.



Evhen Kyj, PE Roadway Design



Education

- B.S., Civil Engineering,
University of Florida

Registrations

- Professional Engineer: Florida
74009

Professional affiliations

- Florida Engineering Society

Software

- MicroStation
- GEOPAK
- InRoads
- 3D corridor modeling

Evhen Kyj has 9 years of experience designing a wide range of transportation infrastructure in the South Florida region. Mr. Kyj has extensive experience in design of various roadway/highway engineering projects as well as railroad track design for both passenger and freight operations. He has experience working with both public and private clients on a wide range of contracts including; PD&E, conceptual studies, RFP development, and final design. Mr. Kyj also designed for various types of roadway improvements including; RRR and safety improvement projects, interstate corridors, complex interchange highway design, HOV/managed lane, and bridge replacement projects. He has developed an expertise in various aspects of transportation design, specifically geometric roadway and track design, maintenance of traffic, signing and pavement marking design, utility coordination, lighting, and drainage design, and cost and quantity estimates. He has expert knowledge and extensive experience with MicroStation, GEOPAK, InRoads, and 3D corridor modeling.

Mr. Kyj's project experience includes:

SR A1A (Oakland Park Boulevard to Flamingo Avenue), Florida Dept. of Transportation, District Four, Broward County, FL. Lead roadway designer whose tasks consisted of proposing new horizontal and vertical alignments for both northbound and southbound travel ways while providing a smooth connection to adjacent properties. Also prepared plan view design and cross section design and coordinated with drainage, lighting, signal, and landscape designers. This project consists of reconstruction to provide a greenway beautification enhancement corridor that improves safety and access for pedestrians and bicyclists. The proposed design includes narrowing of the existing travel way and proposing a "multi-use" path with landscaping within the existing right-of-way.

NW 9th Avenue Off-System (Broward Boulevard to Sistrunk Boulevard), Florida Dept. of Transportation, District Four and City of Fort Lauderdale, Broward County, FL. Lead technical professional and is responsible for client coordination, preparing administrative documents including project QC plan, community awareness plan, and others. In addition to these duties, he is responsible for geometric roadway design, pavement design, and assisting in community outreach for potential right-of-way acquisition. This project is a safety and beautification improvement for the City of Fort Lauderdale with matching federal funds.

Georgia 400 and I-285 Interchange Design-Build Alternative Technical Concept Team, Georgia Dept. of Transportation, Atlanta, GA. Member of the ATC (Alternative Technical Concept) team responsible for developing and evaluating cost saving alternatives. Technical responsibilities included developing

Evhen Kyj, PE, pg 2

complex horizontal and vertical alignments including; high-speed interstate mainlines, interchange ramps, and CD roads. Coordination with other disciplines such as structures, maintenance of traffic was crucial in evaluating feasibility of design alternatives. This design-build project is an interchange improvement that involves a CD road system and multi-level ramps.

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

SR 9/I-95 Express Lanes (Golden Glades Interchange to Broward Boulevard), Florida Dept. of Transportation, District Four, Broward County, FL. Responsible for production of signing and pavement marking concept plans. This included design of new sign panels and determining location of new sign support structures in accordance to new MUTCD standards for express lanes applications. The express lanes project also required a new design for the striping along I-95, including ingress/egress striping between the I-95 mainline and I-95 express lanes. In addition to designing to new standards, coordination/integration with Miami-Dade phase of express lanes was a key challenge. Also responsible for review of signing plans for design-build proposals and design submittals, as well as approving shop drawings for construction. This RFP project involved converting the I-95 mainline from a conventional interstate to a shared facility by adding two tolled "express" lanes within the existing right-of-way.

SR 9/I-95 (South of SR-70/Okeechobee Road to South of SR-614/Indrio Road), Florida Dept. of Transportation, District Four, Saint Lucie County, FL. Assisted in the design of the proposed horizontal alignments for the new ramps. Other responsibilities included geometric roadway design, and pavement design in order to accommodate for I-95 mainline widening. Also involved in reviewing design-build submittals and selection of design-build team. This RFP project consisted of widening of the I-95 mainline and reconstruction of interchanges with Orange Ave. and Okeechobee Road in Saint Lucie County.

Turnpike at Indiantown Road Interchange Improvements, Florida Turnpike Enterprise, Palm Beach County, FL. Assisted in the lighting design, signing and pavement marking plans, and was responsible for quantity and cost estimates. Additionally, designed and produced plans for a detour used during construction and closure of the Turnpike Mainline. Also the main

contact/responder to the CEI during construction and was responsible for replying to RFI's relating to the roadway portion of project. This project consisted of replacing the northbound exit and entrance ramps at the Indiantown Road interchange. The ramp bridge required replacement in order to accommodate the expanded Turnpike mainline typical section, as well as to provide adequate vertical clearance above the Turnpike.

Ocean Avenue Bridge in Lantana, Palm Beach County Engineering, Palm Beach County, FL. Responsibilities included coordinating utility relocation and design of conflict structures, developing signing and pavement marking plans, incorporating and coordinating structural design with roadway plans, estimating quantities and cost of roadway portion of project. Also responsible for corresponding with CEI, including design and submittal of post-design revisions. This project involved replacement of a bascule bridge over the Atlantic Intracoastal Waterway in Lantana Florida (Palm Beach County).

In-House Consulting, Florida Dept. of Transportation, District Four, FL. Worked at the Florida Department of Transportation office on the Concept Development team within the Planning Department. Tasks included providing preliminary design and long range estimates for multiple projects under consideration for improvement such as: interchange ramp improvements, intersection improvements, and improving access for public transportation including bus stops and pedestrian access. He was responsible for identifying any fatal-flaws that would prohibit a project from further funding/development.

All-Aboard Florida High Speed Passenger Rail Improvements, Florida East Coast Railway. As part of the "All Aboard Florida" design team, was the lead designer for the entire track portion of the project which included designing new horizontal and vertical alignments. Complex issues included limiting the amount of track and grade crossing reconstruction, and tying the proposed alignments into both existing and proposed bridges. Also was responsible for plans production and assisted with staff management. Additionally, he gave senior guidance to younger engineers on the roadway segment of the project, specifically design of complex vertical alignments. Other responsibilities included responding to client demands/comments and coordination with structural engineers and architects.



Willmar Castro, PE Roadway Design



Education

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

Registrations

- Professional Engineer: Florida 69370

Software

- Bentley SS4 "OpenRoads" Design & Corridor Modeling
- FDOT SS4 Plans Production Tools
- Microsoft Office Suite
- GuidSign 6.1
- AutoTurn 9.0
- Multi-Post 4.01
- BlueBeam Revu – QC/QA

Professional development

- FDOT 3D Modeling Corridor
- FDOT Long Range Estimates
- FDOT Specification Package Preparation
- FDOT MOT Advance Course Certified

Willmar Castro has more than 15 years of experience in multiple areas of roadway design such as SS4 2D design and 3D corridor modeling, roadway geometry, traffic control, signing and pavement markings, signalization, and drainage. He also has a basic understanding of key structural components while being part of the roadway department for a structural company where Mr. Castro served as the roadway Engineer-of-Record for two bridge projects.

Mr. Castro's project experience includes:

NW 136th Ave (at I-595 & SR 84) from South of SR 84 to South of NW 2nd St, Florida Dept. of Transportation, District 4, Broward, FL. Mr. Castro is the lead designer and engineer-of-record for the signing and pavement markings portion of this interchange improvement project.

SR 706/Indiantown Rd from I-95 to US 1, Florida Dept. of Transportation, District 4, Palm Beach County, FL. ITS project with intersections improvements including installation of patterned pavement crosswalks at various intersections within the project limits and signing and pavement marking improvements. Willmar served as deputy project manager as well as the lead designer and for all roadway tasks including signing and pavement markings.

SR 7 / US-441 from NW 36th St to NW 41st St., Florida Dept. of Transportation, District 4, Broward, FL. Project consists of the addition of a signalized mid-block pedestrian crossing and lighting improvements. Mr. Castro is the lead designer and Engineer-of-Record for all roadway tasks including signing and pavement markings.

SR 93/I-275 at SR 60/Memorial Highway, Florida Dept. of Transportation, District 7, Hillsborough County, FL. Lead TTCR roadway designer using 3D corridor modeling. This is an ongoing RFP project that involves the introduction of managed lanes along I-275 and SR 60.

SR 823/Flamingo Road from Pembroke Road to Griffin Road, Florida Dept. of Transportation, District 4, Broward, FL. Lead roadway designer. Project consisted of replacing all existing guardrail protecting the adjacent canal. Project was designed and analyzed using SS4 2D design and 3D corridor modeling.

SR 821/HEFT at Campbell Drive, Florida Dept. of Transportation, Florida's Turnpike Enterprise, Miami-Dade, FL. Lead roadway designer using SS4 2D design and 3D corridor modeling. This was 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.

Willmar Castro, PE, pg 2

SR 9/I-95 at Donald Ross Road, Florida Dept. of Transportation, District 4, 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, Florida Dept. of Transportation, District 4, 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 at Hypoluxo Road Interchange, Florida Dept. of Transportation, District 4, Palm Beach County, FL.

Lead roadway designer responsible for 3D corridor modeling. Project consists mainly of southbound off-ramp bridge widening and ramp widening using steel sheet pile wall.

SR 93/I-75 at SR 52, Florida Dept. of Transportation, District 7, Pasco County, FL.

Engineer-of-Record and designer for all post design in roadway and traffic control plans. Corridor modeling was utilized to design a temporary ramp with would transition from the partially built ramp to the existing mainline.

SR-953/ LeJeune Road at SR 5/US-1, Florida Dept. of Transportation, District 6, Miami-Dade County, FL.

Engineer-of-Record for the signalization component. Main scope was safety improvements at this high-volume intersection.

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. Embankments are supported by MSE walls and protected by new bulkheads and revetment.

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 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.

SR 9/I-95 Express Lanes, Florida Dept. of Transportation, District 4, Miami-Dade and Broward Counties, FL.

Project engineer responsible for signing and pavement markings for the express lane entrances and exits as well as SFWMD permit applications. Plans production for this package stretching from the Golden Glades Interchange to I-595.

SR A1A/Collins Avenue (from SR 826/NE 163 Street EB to SR A1A SB Off-ramp) Florida Dept. of Transportation, District 6, Miami-Dade County, FL.

Lead designer for this sidewalk improvement project which consisted of designing a sidewalk network through this high-pedestrian area in Sunny Isles Beach.

SR 811/NE 4th Avenue, Florida Dept. of Transportation, District 4, Broward County, FL.

Involvement in this RRR project included roadway design, verification of existing utilities, signing and pavement markings, and signalization.

SR 9/I-95 (NW 6th Street to Powerline Road), Florida Dept. of Transportation, District 4, Broward County, FL.

Involved in signing and pavement markings plans among other roadway tasks.

SR 844 (NE 14th Street), Florida Dept. of Transportation, District 4, Broward County, FL.

Involved in all aspects of the project design process including cross section, roadway geometry, and signing and pavement marking. Other involvements were site visits, typical package, and electronic delivery.



Dylan Scheinman, EI

Roadway Design, Utility Coordination



Education

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

Certifications

- Engineering Intern: Florida 1100019253

Professional affiliations

- American Society of Civil Engineers

Software

- Bentley Microstation V8i
- GEOPAK
- GuidSIGN
- AutoCAD
- Oracle Primavera P6

Dylan Scheinman has more than 2 years of roadway design and engineering experience involving roadway geometric design, temporary traffic control, signing and pavement marking, and utility coordination. He has gained working experience with both public and private clients on many contract types including RFP development, design-build, and conventional design, as well as on various types of projects including interstate widening, highway interchange design, intersection design, and safety improvements projects. Mr. Scheinman's duties have included field data collection, CAD production, plans preparation, and plans review.

Mr. Scheinman's project experience includes:

NW 9th Avenue Between Broward Blvd. and Sistrunk Blvd., Florida Dept. of Transportation, District Four, Broward County, FL. Roadway design team member involved in the signing and pavement marking design, as well as quantity and cost estimation for a neighborhood safety and beautification project. NW 9th Ave. is one of the main north/south local streets within the City of Fort Lauderdale. Atkins was selected to provide engineering design services including milling and resurfacing, roadway widening, drainage improvements, signalization improvements, pedestrian safety improvements, and landscaping.

Broward County Transportation and General Civil Engineering Services, Broward County, FL. Design team member that assisted in bringing deficient roadways up to current standards. These projects involved field reviews to document existing conditions, signing and pavement marking, and replacement of signal strain poles with mast arms. Atkins was selected to provide continuing engineering services for transportation and general civil engineering projects for Broward County's Highway Construction and Engineering division. Contract tasks have included subsurface utility engineering, mast arm design, access management planning, environmental permitting assessment, traffic studies, geotechnical engineering, and plans review.

SR-80 Temporary Traffic Control from Lion Country Safari Rd. to Forest Hill Blvd., District Four, Florida Dept. of Transportation, Palm Beach County, FL. Design team member that assisted in the creation of temporary traffic control plans and construction phasing with the goal of minimizing disruption to motorists during construction. Atkins was selected to provide traffic control plan services for the widening of SR-80 from four lanes to six lanes and the addition of a 12-foot shared-use path along the north side of the roadway.

HEFT/Campbell Drive Interchange Improvements, Florida Turnpike Enterprise, Miami-Dade County, FL. Roadway design team member involved in the signing and pavement marking design for the widening of SR-821 from four lanes to six lanes, and the widening of Campbell Drive from four lanes to six lanes,

Dylan Scheinman, EI, pg 2

a new northbound on-ramp, and the widening of the existing southbound off-ramp from one lane to two lanes. The project area includes six bridges and five signalized intersections. Atkins provided roadway design, drainage, structures, signalization, and ITS coordination services.

Program Services Unit, Florida Dept. of Transportation, District Four, Broward County, FL. Scheduling team member responsible for assisting the Program Services Unit create and maintain accurate project schedules that aligned with FDOT District Four Work Program, which manages \$8.6 billion in project funding during the next 5 years. Tasks included coordinating and attending schedule discovery meetings with project managers and consultants, collecting schedule data, creating reports, and performing data maintenance to improve accuracy and reliability.

MDX SR 83611 Improvements, Miami-Dade Expressway Authority, Miami-Dade County, FL. MOT design team member involved in the proposal stage of the expansion of the SR-836. The project involves widening SR-836 mainline and adding new eastbound and westbound connectors to improve capacity between NW 17th Avenue and I-395. Tasks included MOT design following current standards and procedures, and coordination with other disciplines to mitigate potential conflicts.

Gateway Expressway, Florida Dept. of Transportation, District Seven, Pinellas County, FL. MOT design team member involved in the proposal stage of the Gateway Expressway. The project consists of multiple components, including a new elevated highway, SR-690, above 118th Avenue North between US-19 and I-275, as well as a raised highway in the median of SR-686 from the Bayside Bridge to 118th Avenue North. Tasks included MOT design following current standards and procedures, and

coordination with sub consultants and other disciplines to mitigate potential conflicts.

I-85 Widening, Georgia Dept. of Transportation, Gwinnett, Barrow, and Jackson Counties, GA. MOT design team member involved in the proposal stage of the I-85 widening project. The project consists of milling, resurfacing, and re-stripping the existing buffer lane in each direction from north of I-985 to Hamilton Mill Road (approx. 6 miles), adding one general purpose lane in each direction from Hamilton Mill Road to SR-53 (approx. 10 miles), and bridge reconstruction at Spout Springs Road, Flowery Branch Road, Mulberry River, and Jesse Cronin Road. Tasks included MOT design following current standards and procedures and coordination with other disciplines to mitigate potential conflicts.

I-15 SB Widening from 12300 South to SR-201, Utah Dept. of Transportation, Salt Lake County, UT. Roadway design team member involved in the proposal stage of the I-15 SB widening project. The project consists of adding one general purpose lane in the southbound direction from 12300 South to SR-201 (approx. 14 miles). Tasks included implementation of design optimizations, quantity calculations, plans preparation, and coordination with other disciplines to mitigate potential conflicts.

SR 706 (Indiantown Road) Adaptive Traffic Control Systems (ATMS) from Island Way to US-1, District Four, Florida Dept. of Transportation, Palm Beach County, FL. Roadway design team member that assisted in the creation of signing and pavement marking plans, as well as utility coordination. The project consists of installation of ATMS devices along the corridor, as well as new patterned crosswalks at 11 intersections. Tasks included plans preparation and identifying utility conflicts with proposed facilities.



Pijush Talukder, PE
Drainage Design/Permitting



Education

- M.S., Civil Engineering, Lamar University
- B.S., Civil Engineering, Bangladesh University of Engineering and Technology

Registrations

- Professional Engineer: Florida 63261

Certifications

- Certified Professional Erosion and Sediment Control Specialist, 5442

Professional affiliations

- Florida Engineering Society

Software

- ICPR
- Geopak Drainage
- ASAD

Pijush Talukder has more than 20 years of experience and has performed accurate drainage and hydraulics analysis and design on behalf of the Florida Department of Transportation (FDOT) for city, county, and community redevelopment agency (CRA) projects. His responsibilities included preparation of drainage plans; drainage reports; bridge hydraulics reports; drainage and environmental permit packages; and erosion and sediment control plans for several roadway, railroad, and site projects. He also developed the master drainage plan for City of Riviera Beach, FL.

Mr. Talukder received excellent feedback from the client reviewer for the quality of the drainage report and productions for all the service plaza projects which are now under construction. He obtained the environmental resource permit for several projects from South Florida Water Management District (SFWMD) and St. Johns River Water Management District (SJRWMD) without any requests for additional information, which expedited the project ahead of schedule as needed by the clients and also reflected his commitment to accuracy.

Mr. Talukder's project experience includes:

SR A1A from Oakland Park Boulevard to Flamingo Avenue, Broward County, FL. Lead drainage engineer responsible for this heavily urbanized drainage design, coastal drainage, and project permitting.

SR 714/Martin Downs Boulevard over Danforth Creek, Martin County, FL. Lead drainage engineer responsible for the preparation of bridge hydraulics report (BHR) with scour depth calculations by HEC-RAS unsteady flow models with storm surge, drainage design, and project permitting.

Kings Highway from Okeechobee Road to North of I-95, St. Lucie County, FL. Served as the project manager on this project involving detention pond right-of-way determination, drainage design, water management report, and ERP permitting. Mr. Talukder's innovative design concepts saved the client approximately \$6 million due to the reduced right-of-way for the offsite detention ponds.

SR 60 @Padgett Branch Drainage Improvements, Indian River County, FL. Served as project manager and Engineer-of-Record for this fast-track drainage improvement project to attenuate flooding over the SR 60 roadway. Secured SJRWMD permit modification without any requests for additional information (RAI), which expedited the project ahead of schedule as needed by the District.

I-4 PPP, Orange and Seminole Counties, FL. Mr. Talukder was the lead drainage engineer for segment 4 (Kennedy Boulevard to Maitland Boulevard interchange) of this 21-mile project with a budget of more than \$2 billion.

Pijush Talukder, PE, pg 2

All Aboard Florida Railroad Track, Central Florida.

Lead drainage engineer responsible for preparing the conceptual drainage for the railroad tracks at the Orlando Airport and proposing pumps where the rail tracks go below the existing ground.

SR 808/Glades Road Project Development and Environmental Study, FDOT D4, FL.

Mr. Talukder served as the lead drainage engineer, responsible for determining right-of-way for the detention ponds based on required water quality and flood attenuation volumes, and producing a pond siting report and location hydraulics report (LHR).

L-8 Reservoir, Pump Station and Inflow Structure Design-Build, SFWMD, Palm Beach County, FL.

Served as an environmental permit lead/coordinator (including federal and state permits) for this gigantic L-8 reservoir project with a \$69.9 million contract award. Mr. Talukder completed the environmental protection plan (EPP), which involved preparing permit packages for dredge and fill permit for U.S. Army Corps of Engineers, the construction and interim operations authorization for Florida Department of Environmental Protection (FDEP), and National Pollutant Elimination System (NPDES) permit and dewatering permit packages. He also helped to prepare the stormwater pollution prevention plan (SWPPP).

I-95 Widening from North of SR 60 to Indian River/Brevard County Line Design-Build, Indian River County, FL.

Served as the drainage and ERP permit lead for this 12.51-mile-long roadway widening project. Prepared conceptual drainage plans that include water quality and quantity treatment plans per SJRWMD and FDEP rules, all cross culvert extension/replacement options, and alternative treatment options. He coordinated with SJRWMD's personnel to incorporate their comments on the concepts plans. SJRWMD accepted the drainage concepts.

CSX Railroad Bascule Bridge, FDOT District Four, Broward County, FL.

Project involves replacing the CSX Bridge (Bridge No. SX 1013.8) over the south fork of New River. Mr. Talukder served as lead hydraulics engineer responsible for bridge hydraulics design with scour analysis, drainage design, and environmental resource permitting (ERP).

Florida Turnpike Service Plaza Improvements in South Florida, Central Florida, and Southwest Florida.

Florida's Turnpike Enterprise is improving service plazas (design-build projects): working as a drainage project manager responsible for drainage design and ERP from SFWMD, SJRWMD, Broward Environmental Department, and Lake Worth Drainage District (LWDD) for six plazas: Pompano Beach, West Palm Beach, Fort Drum, Canoe Creek, Turkey Lake, and Okahumpka.

SR 716/Port St. Lucie Blvd and SR A1A in

St. Lucie County, FL. As part of these roadway repair, rehabilitation, and restoration (RRR) projects in St. Lucie County, responsible for drainage design of the project including treatment swale and exfiltration trench design, cross culvert design, ditch side slope protection design, stormwater management report, permit package, and RRR report.

SR 710 W. from Military Trail to North of Congress Avenue, Palm Beach, FL.

This project consisted of the widening of a 2-lane, 2-way rural roadway into a 4-lane urban roadway with a 22-foot median, including a 4-foot bike lane along with road side ditches for runoff storage. Mr. Talukder was responsible for drainage design, preparing drainage map, hydraulic design, storm sewer plan and profile, and upgrades to the existing drainage piped systems. Prepared storm sewer plan and detailed spread sheets for SR 710 W and side streets. Reviewed permits for adjoining developments in SFWMD to find control structure outflows, allowable discharge to outfalls for different basins and details of the permits. Secured ERP permit from SFWMD and LWDD.

Turnpike Widening from Sunrise Boulevard to Atlantic Boulevard, Broward County, FL.

The project includes upgrading an existing 6-lane, 2-way roadway to an 8-lane roadway with median barrier walls including ramps and bridges at interchange and cross roads. Mr. Talukder served as a project engineer responsible for drainage design, hydrology and hydraulic design that includes surface water modeling; watershed modeling and detention pond design using ICPR; storm drainage design using ASAD; trench drain design for approximately 12,000-foot flat grade pavement; preparing drainage maps, storm sewer plan and profile, spread sheets, and summary of drainage structures; and preparing permit reports and drainage reports. The permit was successfully obtained from SFWMD.



Mariger Figueroa, PE

Drainage Design/Permitting



Education

- B.S., Civil Engineering,
University of Florida

Registrations

- Professional Engineer: Florida
72392

Professional affiliations

- American Society of Civil
Engineers

Software

- Microstation
- GEOPAK
- LRE
- Automated Storm Sewer System
Analysis (ASAD)
- Integrated Channel and Pond
Routing (ICPR)
- Microsoft Office Suite

Mariger Figueroa has 11 years of design experience including roadway and drainage design. She has rotated through drainage, project development and environment, traffic and planning, signing and marking, structures, and roadway design. Ms. Figueroa's responsibilities include working with design, post-design, and computer modeling of drainage systems for transportation projects involving treatment systems, cross drains, and storm drain systems; wetlands and flood investigations; permitting and erosion control plans; and design hydraulics reports. She has also performed flooding investigations and worked within an Atkins-developed GIS flooding database.

Ms. Figueroa's project experience includes:

SR 814/Atlantic Boulevard from Oakland Boulevard to Flamingo Avenue, Florida Dept. of Transportation, District Four, Broward County, FL. Project engineer responsible for the design for required drainage improvements. The project consists of reconstruction of four-lane roadway, minor widening, intersection modification, and drainage improvements that address corridor deficiencies.

SR 814/Atlantic Boulevard from West of US 1 to SR A1A/Ocean Drive, Florida Dept. of Transportation, District Four, Broward County, FL. Project engineer responsible for the design and post-design services for required drainage improvements. The project involves narrowing the corridor from a six-lane roadway to a four-lane roadway, improving the condition and service life of the remaining existing pavement by milling and resurfacing, improving pedestrian safety, and complying with current Americans with Disabilities Act standards by upgrading features such as curb cut ramps

Coconut Creek Educational Corridor, Broward County, FL. Drainage Engineer-of-Record responsible for the drainage for this 3R project that included milling and resurfacing, divided median construction, drainage improvements, and pedestrian and bicycle enhancements. The project is local agency program-funded and will be constructed in multiple phases. The roadway is under the jurisdiction of Broward County, involves Florida Department of Transportation oversight, and is being designed on behalf of the City of Coconut Creek.

SR 70/Jenkins Road Intersection Improvements, Florida Dept. of Transportation, District Four, St. Lucie County, FL. Project engineer responsible for the drainage design for the proposed improvements. The project consists of the expansion of the Intersections of SR 70 and Jenkins Road to provide additional through lanes and turn lanes.

SR 9/I-95 from SR 70 to South of SR 614 (Indrio Road), Florida Dept. of Transportation, District Four, St. Lucie County, FL. Drainage Engineer-of-

Mariger Figueroa, PE, pg 2

Record responsible for the development of storm sewer system design and post-design services for required drainage improvements. The scope of services includes widening mainline I-95 from six to ten lanes and from four to eight lanes. Coordination with ongoing design and construction projects on I-95, as well as SR 70, has been critical to the success of this ongoing project.

SR 9/I-95 (from South of SR 614 to the St. Lucie/Indian River County Line), Florida Dept. of Transportation, District Four, St. Lucie County, FL. Project engineer responsible for assisting in the development of the design-build request for proposal package for this interstate capacity improvement project. Project elements include typical section, pavement, and drainage design, horizontal and vertical alignment, traffic control, signing and pavement marking, lighting, landscaping, and structures. The project involved widening the interstate from six to eight lanes, and four to six lanes in two different typical sections. Drainage collection and treatment is proposed within the median. Travel lanes will be milled and resurfaced, and the widened lane is located in the median and slopes toward the inside. Coordination with the ongoing design-build projects to the north and south has been critical.

SR 5/US 1/Overseas Highway from West of Knights Key Boulevard to Coast Guard Entrance, Florida Dept. of Transportation, District Four, District Six, Monroe County, FL. Project engineer responsible for all necessary drainage modifications for this resurfacing, restoration, and rehabilitation project. The project scope includes milling and resurfacing, pavement striping, drainage improvements, and widening for a 10-foot hurricane evacuation shoulder.

SR 860/Miami Gardens Drive, Florida Dept. of Transportation, District Six, Miami-Dade County, FL. Drainage Engineer-of-Record responsible for drainage improvements for this ride-only project. The project consists of milling and resurfacing, minor widening, intersection modification, and drainage improvements that address corridor deficiencies.

SR 808/Glades Road from West of I-95/SR 9 to Northwest 7th Avenue, Florida Dept. of Transportation, District Four, Palm Beach County, FL. Project engineer responsible for all necessary drainage modifications for this

project. This 3R project, located within Boca Raton's city limits, consists of milling and resurfacing.

SR 93 (I-75) from South of SR 56 to North of CR 54, Florida Dept. of Transportation, District Seven, Pasco County, FL. Assisted with the hydraulic analysis and summary report for the proposed widening of the I-75 concrete bridge culvert over Cabbage Swamp. The proposed project consists of constructing an eight-lane section from SR 56 to CR 54, and a six-lane section from CR 54 to the end of the project, with the potential for an ultimate ten-lane section. She also was involved in the design of special ditch profiles, ASAD, ditch bottom inlet location, pond design, drainage structures, floodplain compensation site design, storm sewer design, spread calculations, and ICPR pond and ditch modeling.

I-4/Selmon Expressway Interchange (Crosstown Connector), Hillsborough County, Florida Dept. of Transportation, District 7, FL. Project engineer responsible for any post design drainage related work. Involved in the storm management facility design and storm sewer design for this project that comprises elevated ramps, multilevel interchanges and roadway widening. This project is a closed basin design, and includes 13 treatment ponds as well as swales, ditches, and box culvert extensions. Also involved in the design hydraulics study preparation and permitting.

Honore Avenue Extension from Laurel Road to SR 61, Sarasota County, FL. Design engineer responsible for flood plain calculations, planning for future compensation sites, and evaluating the feasibility of alternate solutions. This project for Sarasota County involves a new alignment that serves as an alternative major traffic connector between the cities of Sarasota and Venice, and provides local circulation between I-75 and US 41.

SR 679 (Pinellas Bayway Structure E) at Intracoastal Waterway, Florida Dept. of Transportation, District Seven, Pinellas County, FL. Assisted with preparations for the public hearing. Actively involved in the planning, hearing, and post-hearing process, as well as preparation for comment responses.

SR 694 (US 92/Gandy Boulevard) Master Signing Plan, Florida Dept. of Transportation, District Seven, FL. Assisted with the design of traffic signing, and pavement markings.



Bahareh Inanloo, Ph.D., PE

Drainage Design/Permitting



Education

- Ph.D., Civil Engineering, Florida International University
- M.S., Water Engineering, University of Tehran
- B.S., Civil Engineering, University of Kurdistan

Registrations

- Professional Engineer: Texas 128644

Certifications

- NOAA Inundation Mapping
- Multi Criteria Decision Making
- OSHA 40 Hr. HAZWOPER
- OSHA 8 Hr. Refresher
- Open Water Scuba Diving

Professional affiliations

- American Society for Testing and Materials (ASTM)
- Florida Water Environment Association
- Water Environment Federation
- American Society of Civil Engineers
- Women's Transportation Seminar

Software

- ArcGIS
- AutoCAD
- MicroStation
- GEOPAK Drainage
- Inroads Suite
- ICPR
- XPSWMM
- EPA SWMM
- HEC-RAS

Bahareh Inanloo has 5 years of experience in civil engineering. Dr. Inanloo has worked on various municipal and industrial projects including stormwater management; water and wastewater treatment plants; pump station design; and GIS analysis and mapping. Ms. Inanloo has taken the lead on engineering studies for detailed design, utility coordination, reporting, project coordination, QA/QC, and served as a liaison between client and agencies.

Dr. Inanloo's Atkins project experience includes:

Miami Dade County Stormwater Master Plan Update, FL. Project engineer responsible for updating basin stormwater models with the latest data provided by the County. The County's Water Management Division has developed and maintained a Stormwater Management Master Plan Model for the County's hydraulic and hydrologic basins. Each basin is to be updated at least once every five years.

Purple Line, Maryland Transit Authority, MD. Engineer responsible for drainage modeling using Inroads Suite, assisted with plans production; channel, spread, and riprap calculations; and drainage report preparation. Purple Line is a \$2.2 billion project that will significantly improve mobility with a 16-mile light rail line connecting Bethesda to New Carrollton, Maryland.

Sr 836/I-95 Interchange Improvement Design-Build Pursuit, Miami, FL. Engineer responsible for reviewing existing and proposed drainage systems using ICPR. Performed spread calculations and bridge deck drainage design. The design-build pursuit involved widening the SR 836 mainline, ramp improvements, and construction of new elevated Collector-Distributor (C-D) facilities.

RSW Maintenance Facility Expansion, Southwest Florida International Airport, Fort Myers, FL. Project engineer responsible for data collection on the project and proposed drainage system. The project involved structural and site improvements on the maintenance facility, which required drainage design of the new layout and permit design set.

Pembroke Road Reconstruction, Broward County, FL. Engineer responsible for assisting with preparation of the drainage plan set. The project involved roadway design for widening of Pembroke Road from Dykes Road to Silver Shores Blvd., and a proposed drainage system.

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

North District WWTP, Primary Clarifiers and Odor Control, Miami Dade County Water and Sewer Department, North Miami Beach, FL. Project engineer responsible for coordination, calculations, and preparation of project specifications. The project involved Odor Control System design for the Primary

Bahareh Inanloo, Ph.D., PE, pg 2

Clarifiers, as well as improvement of the Primary Sludge Pump Station facility.

Central District WWTP, Pump Station No. 1, Miami Dade County Water and Sewer Department, Miami, FL. Project engineer responsible for preparation of the technical memorandum report. The purpose of this project was to investigate the current condition and provide recommendations to rehabilitate the pump station and the odor control system.

Jackson Memorial Hospital Development, Jackson Memorial Hospital, Miami, FL. Project engineer responsible for utility coordination of the project, as a part of development plan study of the Jackson Hospital Campus.

Septic Tank Elimination, Broward County, Dania Beach, FL. Project engineer responsible for permit package preparation. Project involved elimination of septic tanks in a residential area and proposing and connecting the laterals to the Broward County sewer network.

Lift Station Upgrade, Broward County, Dania Beach, FL. Engineer assisting with design and permit design sets preparation as part of a project to improve lift stations in Broward County.

Port of Miami Pump Station Improvement, POM, Miami, FL. Engineer assisting with the design and location layout of the proposed pumps station on the port. The project involved demolishing the existing lift station, and designing and proposing the new pump station.



Pete Trevin, PE, LEED AP
Lighting



Education

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

Registrations

- Professional Engineer: Florida 15309

Certifications

- TxDOT Precertified, ESN 10710
- 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 (USGBC), 10476554
- National Council on Qualifications for the Lighting Profession (NCQLP)–Lighting Certified (LC)

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 47 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:

General Consultant, Florida Dept. of Transportation Districts One, Three, Four, Five, Six, and Seven. The work involves the preparation of estimated man-hours for the design of roadway lighting plans and the negotiations of the same with the selected consultant, and the review of each roadway lighting design work prepared by other consultants.

General Consultant for the Orlando-Orange County Expressway Authority. The work involves the preparation of estimated man-hours for the design of roadway lighting plans and the negotiations of the same with the selected consultant, the preparation of roadway lighting design guidelines for other consultants to follow in the preparation of the roadway lighting plans, the review of each roadway lighting design work prepared by other consultants, and the review of contractor’s shop drawings for each roadway lighting project.

General Consultant for Florida’s Turnpike. The work involves the preparation of estimated man-hours for the design of roadway lighting plans and the negotiations of the same with the selected consultant; the preparation of roadway lighting design guidelines for other consultants to follow in the preparation of the roadway lighting plans; the review of each roadway lighting design work prepared by other consultants, and the review of contractor’s shop drawings for each roadway lighting project.

General Consultant for the Miami-Dade County Expressway Authority (MDX). The work involves the preparation of estimated man-hours for the design of roadway lighting plans and the negotiations of the same with the selected consultant; the preparation of roadway lighting design guidelines for other consultants to follow in the preparation of the roadway lighting plans, the review of each roadway lighting design work prepared by other consultants, and the review of contractor’s shop drawings for each roadway lighting project.

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Pete Trevin, PE, LEED AP, pg 2

Systemwide Signing, Orlando-Orange County Expressway Authority, FL. Complete electrical design, including lighting calculations for each type of sign to be illuminated; power distribution; voltage drop calculations to connect each lighted sign to the nearest existing light pole and shop drawing review for a total of three cantilever sign structures and seven overhead sign structures on the East-West Expressway (SR 408), the Beeline Expressway (SR 528) and Central Florida Greenway (SR 417).

Guide Signing Rehabilitation, Orlando-Orange County Expressway Authority, FL. Complete electrical design, including lighting calculations for each type of sign to be illuminated; power distribution; voltage drop calculations to connect each lighted sign to the nearest existing light pole and shop drawing review for a total of five cantilever sign structures and eight overhead sign structures on the Beeline Expressway (SR 528).

Toll Plaza One-Mile Sign Conversion, Orlando-Orange County Expressway Authority, FL. Complete electrical design, including lighting calculations for each type of sign to be illuminated; power distribution; voltage drop calculations to connect each lighted sign to the nearest existing light pole and shop drawing review for a total of five cantilever sign structures on the East-West Expressway (SR 408) and the Central Florida Greenway (SR 417).

Sign Lighting Test Project R-1030D, North Carolina Dept. of Transportation. Complete electrical design, including lighting analysis and calculations for each type of sign to be illuminated based on the NCDOT Standard Specifications for roads and structures. The design was done for a total of five new and three existing overhead sign structures on US 264 and US 117. The design included a “Lumi-Track” retrieval system for each sign structure.

Estero Parkway, from Three Oaks Parkway to Ben Hill Griffin, Lee County, FL. 0.9 mile of decorative lighting and box girders maintenance lighting.

I-75 from I-275 to SR 56, Paso County, FL. 3 miles of high mast lighting.

SR 261 (Capital Circle) from Tram Road to Connie Drive, Leon County, FL. Design-Build project. 3.4 miles of conventional lighting.

SR 94 (North Kendall Drive) from SW 151st Avenue to SW 162nd Avenue, Miami-Dade County, FL. 1.2 miles of conventional lighting.

Palmetto Expressway (SR 826), Miami, FL. General consultant and preparation of master lighting plan (17 miles) from US 1 to NW 138th Street,

SR 836 (East-West Expressway) Extension from SR 826 (Palmetto Expressway) to the Florida’s Turnpike, Miami, FL. 4 miles of conventional lighting.

SW 87th Avenue from SW 8th Street to SW 88th Street, Miami, FL. 5 miles of conventional lighting.

NW 67th Avenue from Okeechobee Road to NW 138th Street, Miami, FL. 10.2 miles of conventional lighting.

Desoto Road from US 41 to Old Bradenton Road, Sarasota County, FL. 0.6 miles

Colonial Boulevard from SR 82 to I-75, Lee County Transportation Department, Lee County, FL. 1.9 miles of conventional lighting.

Florida’s Turnpike Interchange at Lake Worth Road (SR 802), Palm Beach County, FL.

US 41 from SW 112th Avenue to 137th Avenue, Miami, FL. 2.5 miles of conventional lighting.

North Kendall Drive (SR 94) from Florida’s Turnpike to SW 134th Avenue, Miami, FL. 1.7 miles of conventional lighting.

Dale Mabry Highway (SR 597) from Waters Avenue to North of Van Dyke Road, Hillsborough County, FL. 4.4 miles of conventional lighting to an existing road.

SR 687 (4th Street North) from South of 99th Avenue North to 29th Avenue North, St. Petersburg, FL. 7 miles of conventional lighting to an existing road.

Fort Lauderdale-Hollywood International Airport, Broward County Aviation Department, Terminal Access Roads, Broward County, FL. 0.5 miles of conventional and decorative lighting.

SR 60 (Memorial Highway) from Courtney Campbell Causeway to South of Fish Creek, Hillsborough County, FL. Preparation of a roadway lighting design analysis report, including study and mounting height recommendation for the expressway adjacent to the TIA runway approach surface to comply with the FAA approach surface/glide path. After the report was approved, he prepared the lighting design using decorative luminaires.

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Herman Sanchez Lighting



Education

- B.S., Electrical Technology,
Florida International University

Certifications

- Building Industry Consulting
Services International (BICSI)
Telecommunication Industry

Herman Sanchez 40 years of experience in the design of educational, institutional, municipal, industrial, commercial, military, and aerospace facilities involving the design of electrical, power distribution, lighting, fire protection, communication, and emergency generator systems. He is also familiar with the National Electric Code (NEC) and the Life Safety Code.

Mr. Sanchez's project experience includes:

World Drive/Osceola Parkway (Dart Boulevard) Interchange, Disney Development Company, Orlando, FL. Responsible for 2.2 miles of decorative roadway lighting.

I-95 Express Park and Ride, FDOT District 4, Ft. Lauderdale, FL. Complete lighting design for a transit lot at CB-Smith Park. Bass Pro Shops, City of Dania, FL. Power distribution and parking lot lighting design for a new Outdoor World Retail Store.

Tri-County Rail Pompano Station. Lighting design, shop drawing approval, and construction site visits for a 210- space parking lot.

Marine Spill Response Corporation (MSRC), Miami, FL. Lighting design, shop drawing approval and construction site visits for a new bulkhead at the Port of Miami.

Shenandoah Park, Town of Davie, FL. Designed lighting for a combination four baseball field and soccer/football field.

Disney Development Corporation, Orlando, FL. Designed power distribution for various comfort station and rain shelters for Golf Courses Nos. 4 and 5.

New York Yankees Training Facility, Broward County, FL. Preliminary electrical design of a baseball field and training facility.

Pompano Operations Center Expansion, Pompano Beach, FL. Management of a 25,000-square-foot, two-story traffic addition to the existing operations center to accommodate growth of a traffic management center, tolls, and auditing administration offices.

Florida Highway Patrol (FHP) Troop "K" Dispatch Center, Florida's Turnpike Enterprise, West Palm Beach, FL. Complete electrical design for a 3,000-square-foot facility.

Snapper Creek Florida Highway Patrol Headquarters, Florida's Turnpike Enterprise, Miami, FL. Reviewed electrical design performed by other consultants for a 25,000-square-foot office space.

Herman Sanchez, pg 2

SR 826 I-75 Express Lanes, Florida Dept. of Transportation, District 4 and District 6 Offices, Miami Dade County, FL. Provide express lanes on the existing SR-826 south corridor to the connection to I-75. Preparation of construction documents for five tolling equipment buildings including the electrical and generator system design including construction administration.

Limited Civil, Architecture Mechanical and Electrical Assessment Report for St. Lucie County I-95 Rest Areas, Florida Department of Transportation, District 4. Preparation of as-build conditions and evolution study including recommendations study. Preparation of construction documents for the replacement of existing electrical due to as-build deteriorated conditions.

GA 400 Toll Plaza Demolition and GP Lanes Conversion, Georgia Dept. of Transportation, GA. Preparation of construction documents for the toll plaza demolition while still maintaining the existing tunnel phasing of construction/demolition to facilitate MOT requirements. Work included electrical design including construction administration.

Vizcaya Museum and Gardens, Miami, FL. Designed the restoration of all historical fountains within the garden area including new lighting.

Frank Brown Park Aquatic Center. Complete electrical design of a aquatic park center with water slides, wave pool, indoor swimming pool, lockers, restroom, and administration building.

Philadelphia Phillies Club House, City of Clearwater, FL. Complete electrical design of a club house and training facility.

Mischon Park, City of North Miami Beach, FL. Designed lighting for a combination soccer/football field and parking lot.

Snyder Park Tennis Club, City of North Miami Beach, FL. Complete electrical design of a 25,000 square foot tennis center that included a pro-shop, exercise room, locker rooms, and dining facilities.

Memorial Park Tennis Court, City of Boca Raton, FL. Electrical design of a tennis court at Memorial Park.

Memorial Park Skating Ring, City of Boca Raton, FL. Electrical design of a skating ring at Memorial Park.

City of Boca Raton, FL. Electrical design, shop drawing review and site inspection of a baseball/soccer field, one little league baseball field, and one basketball court for Memorial Park.

Pompano Beach Golf Club House, Pompano Beach, FL. Electrical design of a 10,000 square-foot facility including bar and kitchen.

Amphitheater Design, City of Boca Raton, FL. Electrical design for the amphitheater at Mizner Park.

Pier 60 Park, City of Clearwater, FL. Electrical design of a park, including pavilions, concession stand, fast-food kitchen and parking lot.



DANIEL M. CHECCHIA

Director of Subsurface Utility Engineering



Experience Highlights

Over 19 years of experience in Transportation engineering, surveying, subsurface utility locating and utility coordination services.

Education

AS of Applied Science in Construction Technology, Suffolk County Community College, 2008

Certifications

FDOT Maintenance of Traffic

Mr. Checchia has over 19 years of experience in transportation engineering, surveying, civil design and construction related fields, the last eight years of which have been focused in Utility Coordination and Subsurface Utility Engineering. His duties are to oversee the day-to-day operations of all Subsurface Utility Engineering and Coordination projects for our firm.

Mr. Checchia is responsible for assisting clients with utility research, identification, data management and coordination. Besides having developed a strong rapport with local utilities and municipalities, his knowledge and experience in the Subsurface Utility Engineering process allows him to easily recognize utility conflicts during design and construction. He has been involved on a variety of projects such as design, design build and private sector work. Mr. Checchia's understanding of the Quality Levels defined with the ASCE Guideline 38-02, "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data" enables him to manage a project from pre-design to post construction, negotiating to minimize utility impacts and suggesting and implementing cost effective timely resolutions for utility conflicts.

Mr. Checchia is fully knowledgeable of the FDOT Utility Coordination process, with eight years of involvement working on multiple types of transportation projects. His philosophy is to maintain an open and productive dialogue throughout the initial investigation; detailed coordination and post-design follow up. Early in his career, Mr. Checchia spent over six years with the Florida Department of Transportation (FDOT). He was a Survey Design Technician EAS Level III at FDOT District Four responsible for processing, analyzing and delivering final surveys as well as reviewing consultant projects. He was a technical delegate for FDOT District IV Survey & Mapping Advisory Committee tasked with formulating new field procedures, deliverables and compatibility with FDOT disciplines.

PROJECT EXPERIENCE

Engineering Consultant Services for Highway Construction and Engineering Design, Broward County, FL: As a subconsultant to Atkins, Keith and Associates provided surveying and subsurface utility engineering support for various county-wide transportation and general civil engineering projects. Typical services included design surveys, topographic surveys, water crossing surveys, 3D laser scanning, utility designation, locating and mapping to support project designs as well as post-construction services associated with new traffic signals, signal conversions, mast arm installations, evaluations of existing utilities, roadway widening, bridge rehabs, intersection improvements and school zone improvements among others.

The Wave Modern Streetcar Project, Ft. Lauderdale, FL: As a Subconsultant to HDR Engineering, Inc., Keith and Associates was tasked with providing Surveying and Subsurface Utility Engineering (SUE) services for this modern streetcar in Downtown Fort Lauderdale between Northwest 6th Street and Southeast 17th Street. The system would operate 5 modern streetcars in mixed traffic along existing roadways and would utilize transit signal priority. Mr. Checchia is currently serving as Project Coordinator of all utility related services providing designation, location and mapping of existing subsurface utilities; Utility designation of all known tone-able and non-tone able utilities within the apparent right of way of the Phase 1A Streetcar limits. Up to 44 locations (test holes) shall be utilized to verify radar data and designations.

A1A Overhead Utility Conversion from Hillsboro Inlet to Terra Mar Drive, Pompano Beach, FL: As a subconsultant to Power Services, Keith and Associates is providing up to 600 test holes to assist the design engineer with exposing existing utilities in order to assist with the design corridor and minimize potential conflicts for the proposed undergrounding of existing overhead facilities. ASCE Standard Quality Level B (Designating) and Quality Level "A" vacuum excavation

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services will be mapped and placed in a geo referenced cad file with a test hole summary report providing coordinates, depth of cover, type, size and material.

Briny Avenue Streetscape Improvements, Pompano Beach, FL: This project involved the reconstruction of East Atlantic Boulevard from A1A to Pompano Beach Boulevard/Briny Avenue including wider sidewalks, revised parking configurations and lanes. Keith and Associates provided professional services for a design survey as well as the designation and location of subsurface utilities along Briny Avenue from the south right-of-way line of Atlantic Boulevard to the south end of Briny Avenue.

SR 816 Oakland Park Blvd from East of 31st Avenue to East of I-95: As a Subconsultant to HDR Engineering, Inc., Keith and Associates provided surveying and subsurface utility engineering services for additional Drainage and DTM surveys. The firm surveyed an additional 30 drainage structures including rim, bottom and invert elevations while noting pipe size, material, direction and condition. In addition, Mr. Checchia and team also surveyed 89 curb ramps located throughout the project limits. The survey for each curb ramp extended 25 feet before and after the ramp (including curb and gutter) and extends 5 feet beyond the top of the ramp.

Ravenswood Bridge Replacement, Fort Lauderdale, FL: As a subconsultant Bolton Perez & Associates, Keith and Associates handled the Utility Coordination for this Bridge Replacement Project on Ravenswood Rd., north of Griffin Rd. Our Design ticket with Sunshine State One Call of Florida identified twelve (12) Utility Agencies and the Broward County Traffic Engineering Dept. Several Utility Meetings were conducted to clarify the construction phasing and Utility involvement. The firm negotiated/coordinated six (6) Non-Reimbursable Utility Work Schedules (AT&T, Comcast, FPL Distribution, FPL Transmission, FPL Fibernet and TECO Peoples Gas). Broward County Water and Wastewater entered into a "Utility Work by Highway Contractor Agreement" for the Engineering and Design of the relocation/adjustment of the water and sanitary lines that were impacted by this bridge replacement project. Utility Certification was completed on schedule.

Wiles Road Design Services from Riverside Drive to Rock Island Road, Coral Springs, FL: Keith and Associates served as a subconsultant to KimleyHorn on this project, providing subsurface utility engineering services. This intent of the project was to widen Wiles Road from four lanes to six lanes from Riverside Drive to Rock Island Road and to save the existing pavement while narrowing the median to accommodate the widened lanes. Mr. Checchia provided Quality Level 'B' & 'A', designation and location services for this project, producing valuable data on existing utilities throughout the project corridor.

I-75 Express Managed Lanes: As a subconsultant to RS&H, Keith and Associates provided Subsurface Utility Engineering (SUE), Survey and Utility Coordination Services as part of the Corridor Design Consultant Team tasked with developing the individual Segments (A-E) Request for Proposals (RFP) packages. Mr. Checchia supervised the coordination between all local utility agencies to develop mitigation strategies for potential utility conflicts with concept and permit plans. Keith and Associates met with the utility agency owners individually, as well as hosting multiple workshops and forums to communicate vital project information. Keith and Associates developed mitigation strategies for the prospective Design/Build Firms paving the way for their design and construction efforts and continues to provide post-design services to facilitate utility coordination.

I-95 Express Phase 3A-2: This project from North of Commercial Boulevard to SW 10th Street, is a contribution of the I-95 Express Lanes within Broward County to enable Design/Build firms to have knowledge of identified conflicts within the project limits that must either be adjusted at the Design/Build firm's expense or they must design to avoid impacts. Mr. Checchia participated in the identification of potential impacts and assisted several cities with their understanding of the State's expectation for coordination and relocation.

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John Fielding, PE, PTOE

Signal Design/ITS/Signing and Pavement Marking



Education

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

Registrations

- Professional Engineer: Florida 79082

Certifications

- Professional Traffic Operations Engineer No. 4014
- IMSA Traffic Signal Level I Field
- Greenroads Sustainable Transportation Professional
- GSWCC Level II Design Professional – 0000070432

Professional affiliations

- Institute of Transportation Engineers

Software

- Synchro
- SimTraffic
- Vissim
- Vistro
- HCS
- SIDRA
- Cube Voyager
- CADD
- Microstation
- Geopak Civil Engineering Suite
- InRoads
- AutoCAD
- Civil 3D
- Microsoft Project
- Primavera
- Adobe InDesign
- Drainage
- ICPR

John Fielding is skilled in traffic and transportation design on federal and local projects, and has performed traffic operational analyses and transportation design for projects of both local and regional impact. His projects focus on sustainable growth, livable communities, complete streets, and alternative transportation and intersections. His broad experience in a wide range of civil engineering allows him to quickly and efficiently develop context sensitive, innovative, and workable solutions to real world problems.

Mr. Fielding's project experience includes:

Traffic Operations General Engineering Consultant, Florida Dept. of Transportation, District Three, FL. Transportation system management and operations coordinator for District Three under this general engineering consultant contract. Responsibilities include coordination with interlocal agencies, traffic studies, concept design layouts, site evaluations, and program budget management.

SR 514 Project Development & Environmental Study, Florida Dept. of Transportation, District Five, FL. Traffic operations engineer responsible for analysis of access management, intersection operations, roundabout design, and multi-modal alternatives. Project involved PD&E study of a multi-lane reconstruction for segments of SR 514 (Malabar Rd) in Brevard County, FL.

Sawgrass Mills Area Wide Study, Broward County, FL. Traffic operations engineer responsible for arterial and intersection analysis of an area-wide arterial network surrounding Sawgrass Mills Mall and BB&T Center in Sunrise, FL. This included present day data collection, operations model development and calibration, and demand model projection and validation across a variety of analysis scenarios. Operational analysis focused on the area-wide effect of different interchange and collector-distributor facility treatments.

SR 134 (Timuquana Rd) Access and Lane Reduction Study, Florida Dept. of Transportation, District Two, FL. Traffic operations engineer for this study that included validation of arterial and intersection operations for a potential lane repurposing project of an existing six-lane urban corridor. The proposed project analyzed full median construction and lane repurposing for multimodal considerations.

SR 61 (US 319/Crawfordville Hwy) Multi-lane Reconstruction, Florida Dept. of Transportation, District Three, FL. Traffic engineer responsible for signal design, timing, and warranting analyses as part of the redevelopment of this two-lane highway to a four-lane, multimodal urban corridor. Responsibilities include design and layout of signal features, operations plans, and intelligent transportation systems infrastructure.

John Fielding, PE, PTOE, pg 2

CR30A Corridor Plan, Walton County, FL. Traffic operations engineer for the corridor analysis focusing on congestion management and sustainable growth. Project analysis included corridor evaluation and demand model development for alternative alignment considerations. Responsible for the analysis and preliminary design of alternative treatments that 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.

CR30A at CR395 Intersection Improvements, Walton County, FL. Traffic engineer for design of a new traffic signal and intersection realignment at the intersection. Project included extensive coordination with local users in a sensitive environment. Unique modal considerations at intersection dictate innovative measures for accommodating all transportation users.

Trotter Road Reconstruction, City of Largo, Pinellas County, FL. Traffic engineer associated with the development and design of a multimodal corridor on a neighborhood collector street within City of Largo. Project includes the development of traffic calming measures and the design of alternative roadway treatments conforming to complete street policy design. Responsible for analysis of traffic, roundabout, traffic calming, and various roadway features.

State Road 85 (N Ferdon Blvd) Corridor Analysis, Okaloosa County, FL. Traffic engineer for analysis of a two-mile corridor including operational modifications, advanced signal timing plans, development impact analysis, and access management. Project included signalized intersection design and coordinated network timing plans for varying traffic conditions.

SR 297 (Pine Forest Pkwy) Corridor Analysis, Escambia County, FL. Traffic engineer for analysis of an approximate two-mile corridor for advanced signal timing plans, access management, and operational improvements. Analysis intent identified target location and operational parameters of future development connections considering growth, development, and future planned corridor projects.

Destin Cross Town Connector, Okaloosa County, FL. Traffic operational and safety engineer for the corridor and intersections. Project analysis included evaluation of traffic control alternatives and their effect on the corridor level of services in accordance with HCM 2010 principles and practices. Responsible for the analysis and design of two, single lane roundabout intersections with provisions for future capacity improvement.

CR30A Timpoochee Trail Reconstruction, Walton County, FL. Engineer-of-Record responsible for the design of multi-use trail improvements to the existing Timpoochee 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.

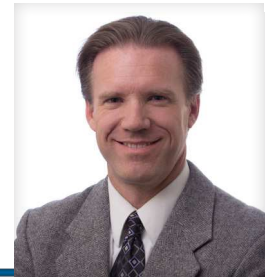
CR30A Bridge Replacements, Walton County, FL. Engineer-of-Record responsible for the design of roadway facilities and MOT associated with existing culvert crossings of coastal dune lakes at Alligator Lake and Little Redfish Lake. The project seeks environmentally sensitive means of enhancing the natural area while accomplishing the goals of road maintenance and improved hydraulics.

SR 212 at SR 109 Intersection Improvements, Florida Dept. of Transportation, 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.

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 multi-lane upgrades to the existing two-lane, urban highway facility. The proposed project will add complete streets elements to the existing corridor.



Paul Mannix, PE, PTOE Signal Design/ITS



Education

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

Registrations

- Professional Engineer: Florida 57712

Certifications

- Professional Traffic Operations Engineer (PTOE), 890
- Advanced Maintenance of Traffic (MOT) Certification, Florida Dept. of Transportation

Professional affiliations

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

Paul Mannix has 22 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 project experience includes:

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, served as the task leader and Engineer-of-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 Blvd. 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.

General Engineering Consulting Services Contract, City of Coconut Creek, Broward County, FL. Under an on-call services contract to assist the City with their needs related to engineering projects, served as the project manager for a traffic signal warrant and safety study for a new fire station development on Coconut Creek Parkway at NW 45th Avenue. This study resulted in the warranting of a signal at the intersection. Was also the Engineer-of-Record for traffic signal designs at two intersections within the City that required Broward County review and approval.

Interstate 10 from I-95 in Duval County to US 90 in Leon County, FL. Project manager and Engineer-of-Record responsible for project coordination, overseeing of the design to FDOT standards, and development of the specifications package. Atkins was responsible for the design of the conduit and fiber communications system along I-10 from Jacksonville to Tallahassee. This 153-mile corridor presented challenges for the project including environmental concerns, water crossings, railroad crossings, and topographic issues.

Lake Nona Boulevard at Laurette Road, Greenway Improvement District, Orlando, FL. As project manager and Engineer-of-Record, managed the overall project design and all other efforts on the project to provide final constructible plans for bidding to a contractor. Designed the intersection signing and striping improvements including crosswalk and stop bar placement and intersection approach signs. Additionally, he was responsible for designing all aspects of the signal except for the structures and foundations. This project consisted of the design

Paul Mannix, PE, PTOE, pg 2

of a new traffic signal at the intersection and included a mast arm signal, signing and striping, interconnect to an existing fiber-optic system, and coordination of utilities.

Lake Nona Boulevard at Narcoossee Road Signal, Myrtle Creek Improvement District, Orlando, FL. As project manager and Engineer-of-Record, managed the overall project design and all other efforts on the project to provide final constructible plans for bidding to a contractor. This project consisted of the design of a new traffic signal at the intersection and included a mast arm signal, signing and striping, interconnect to an existing fiber-optic system, and coordination of utilities and a close railroad crossing for preemption.

Tampa International Airport (TPA) South Development Area Roadway Improvements Design-Build, Hillsborough County Aviation Authority, Hillsborough County, FL. 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. Mr. Mannix was the QA/QC reviewer for the project.

Ishops LLC Development Signal, Unicorp, Orlando, FL. Served as the project manager and Engineer-of-Record for this project that consisted of the design of a new traffic signal at the intersection of International Drive and Jamaican Court to upgrade the existing signal due to development modifications at the intersection. Responsible for the overall project design and all other efforts on the project to provide final constructible plans for bidding to a contractor. The project included a mast arm signal, signing and striping, and coordination of utilities.

30th Avenue North Bicycle Facility Design Services, City of St. Petersburg, Pinellas County, FL. Assisted with providing roadway design services for a 4-mile corridor streetscape of one of the most trafficked pedestrian roads in the City. The City desired non-intrusive survey support to create topographic plans and ROW maps for the construction of pedestrian travel facilities and bike lanes spanning the corridor.

Josie Billie Highway (Snake Road/BIA 1281) Segment 3-B Signing and Striping, Seminole Tribe of Florida, Clewiston, FL. This project consisted of the reconstruction and widening of a 2-mile segment of roadway. Conducted the final signing and pavement marking design along with an emergency traffic signal and was the Engineer-of-Record for this portion of the project.

Maintenance Management and Traffic Operations Engineering Management Consultant Services, Florida's Turnpike Enterprise, Ocoee, FL. Served as a dedicated on-site staff member to FTE through this contract for more than 9 years. During this time, represented FTE at the Central Florida Tri-County area traffic incident management team (TIM) meetings and was routinely involved with the Turnpike's traffic management center and Road Ranger program. Also, oversaw the Traffic Engineering, ITS Deployment, ITS Systems and ITS Maintenance sections of the Turnpike. Managed a very aggressive ITS program that included five major design-bid-build deployment projects in addition to eight design-build projects that occurred in a five-year period. Involved in all aspects of these deployment projects from managing the concept and design efforts to overseeing the FTE construction personnel responsible for administering the construction contracts. These FTE projects deployed a 500-mile fiber optic system, 49 mainline DMS, 41 arterial DMS, 9 HAR, 548 CCTV cameras, and more than 1,300 detection devices on the Florida's Turnpike roadway system.



Chris Schultz, PE Signal Design/ITS



Education

- B.S., Civil Engineering,
University of Alabama

Registrations

- Professional Engineer: Florida
76854

Certifications

- Professional Traffic Operations
Engineer (PTOE), TPCB

Professional affiliations

- International Municipal Signal
Association
- Institute of Transportation
Engineers/Intelligent
Transportation Society of
America, Gulf Region

Professional development

- Advanced Maintenance of
Traffic, Florida Dept. of
Transportation
- Fiber Optics for ITS Level I and
II Design and Construction,
International Municipal Signal
Association
- Traffic Signal Level I and II
Design and Construction,
International Municipal Signal
Association

Chris Schultz has 13 years of experience in traffic operations and intelligent transportation systems. His experience spans all phases of project delivery including studies, design, and construction management services. Mr. Schultz's projects are inclusive of elements such as signal controllers, closed-circuit television, dynamic message signs, vehicle detection systems, roadway weather information system, highway advisory radio, fiber optics, switches, servers, communication hubs, lease lines, and wireless technologies. Additionally, he has worked in development of special provisions to department of transportation specifications for intelligent transportation systems, traffic signal, and communication equipment.

Mr. Schultz's project experience includes:

Stirling Road (State Road 848) Roadway Lighting and Traffic Signal Interconnect Circuit Relocation Design, Seminole Tribe of Florida, Hollywood, FL. Lead traffic and lighting engineer for this project to provide for the relocation of roadway lights, lighting circuits, and traffic signal interconnect circuits along SR 848 in Hollywood (Davie). This work was done in conjunction with roadway turn lane construction on Stirling Road in as part of a commercial development being constructed by the Seminole Tribe of Florida. Due to the urbanized project location, coordination and permitting with several jurisdictions was required. Jurisdictions include the Florida Department of Transportation, Broward County Traffic Engineering, City of Davie and Florida Power & Light (FP&L) Transmission Division. The design and jurisdictional coordination efforts included: modifying existing Florida Department of Transportation roadway lighting circuits, poles and fixtures; verification and coordination of FP&L transmission line clearances; and Broward Co. traffic signal interconnect relocates. A custom pole and arm assembly was necessary to meet lighting requirements while maintaining Occupational Safety and Health Administration mandated clearances under the FP&L transmission lines.

Escambia/Santa Rosa Regional Advanced Traffic Management System Feasibility Study And Implementation Plan, City of Pensacola, FL. ITS engineer in development of project phasing and document production. Project includes research regarding existing signal infrastructure, systems engineering, documentation of user needs, and development of an implementation plan and request for proposal package for establishing a multi-agency regional traffic management system. The planned system will include a new regional traffic management center, updated signal controllers and central software system, vehicle detection systems, cameras, dynamic message signs, and a wide area network for system communication.

Chris Schultz, PE, pg 2

SR 436 Mast Arm Conversions Design Services, City of Altamonte Springs, FL. Tasked with conversion of three span wire signalized intersections to mast arm signalized intersections. The three intersections are at crossings of SR 436 with Orange Avenue, Laurel Street, and Maple Street. Also responsible for producing fiber optic interconnect plans for the project, replacing and adding to the Seminole County fiber system. Coordination efforts are required between the concurrent Seminole-Wekiva Trail project whose corridor passes through the SR 436/Laurel Street intersection. To prevent throwaway, the pedestrian signalization design requires meshing the existing infrastructure and the Seminole-Wekiva Trail project with this mast arm project.

Orange Avenue Improvements Design Services, City of Altamonte Springs, FL. Provides design phase services for the construction of mast arm traffic signals at Orange Avenue and Laurel Street. The mast arms are to replace the existing span wire signals. An interesting facet of the project is coordination efforts between the concurrent Seminole-Wekiva Trail project whose corridor passes through the Orange Avenue/Laurel Street intersection. To prevent throwaway, the pedestrian signalization design requires meshing the existing infrastructure, the Seminole-Wekiva Trail project and the SR 436 Mast Arm project detailed above.

Traffic Design Support, Florida's Turnpike Enterprise, Statewide FL. Aids Florida's Turnpike Enterprise (FTE) traffic design engineer by reviewing FTE projects as they relate to signalization, signing, and pavement markings. Comments are coordinated with the engineers submitting plans through the electronic review comments application. Also provides support for developing scopes and negotiating fees for FTE's traffic design group consultants. Relied upon for construction phase services in reviewing contractor submitted shop drawings and plan revisions.

I-10 from I-95 to US 90 ITS Deployment, Florida Dept. of Transportation District 2, FL. Assisted in design and quality control of the ITS deployment. The project involved installation of fiber optic back bone, traffic cameras, vehicle detection systems, and Bluetooth devices. The project spanned more than 100 miles of the I-10 corridor from Tallahassee to Jacksonville.

Bicycle and Pedestrian Accommodation Plan Reviews, Florida Dept. of Transportation District One, FL. Reviewed bid-build and design-build construction plans. Reviews included roadway and traffic control plans as well as striping, signing, and signalization components of construction plans for sidewalks and multi-use paths.

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

Manual on Uniform Traffic Control Devices Horizontal Curve Compliance Assistance, Florida Dept. of Transportation, Statewide FL. Services under this contract revolved around analysis and advisory signage recommendations for horizontal curves on state and U.S. routes in Florida. Mr. Schultz provided training for engineers operating Curve Advisory Reporting Service software which collects curve data in real time as the route is driven. Once this data is uploaded to the network, Mr. Schultz's responsibilities involved verification of curve data, compliance status of existing signage on analyzed routes, and reporting of recommendations for advisory sign installations to remedy any identified non-complying curve advisory signage.

Intelligent Transportation Systems Integrator Contract, Mississippi Dept. of Transportation, Mississippi Statewide. Worked in production of ITS construction plans for Jackson, Southaven, and the Mississippi Gulf Coast areas as well as conceptual plans for I-59 and I-55 Mississippi Department of Transportation (MDOT) Hurricane Response projects. ITS plan development consisted of designing for CCTV, dynamic message signs, radar detection, video detection, traffic signal interconnects and highway advisory radio with communications over fiber optics, leased lines and wireless systems. Worked in developing special provisions to the MDOT Standard Specifications for road and bridge construction for solid state traffic actuated controllers, networking equipment, on-street video, radar detection, encoders and decoders, dynamic message signs, ITS equipment cabinets, ITS equipment poles as well as fiber optic cable. For ITS projects under construction in Jackson, Southaven, and the Mississippi Gulf Coast, Mr. Schultz reviewed contractor submitted testing procedures and manufacturer equipment specifications.



Acey Roberts, PE

Signal Design/ITS/Signing and Pavement Marking



Education

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

Registrations

- Professional Engineer: Florida
82914

Professional affiliations

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

Acey Roberts has 17 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.

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

Mr. Robert's project experience includes:

I-10 (I-95 to US 90) Intelligent Transportation System Design Services, Florida Dept. of Transportation, 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.

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.

SR-826/I-75 Express Lanes Project, Florida Dept. of Transportation, 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.

Acey Roberts, PE, pg 2

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

I-10 Fog and Smoke Detection Project, Mississippi Dept. of Transportation, Jackson, 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. CCTV, weather and visibility monitoring stations are connected to the Mississippi Dept. of Transportation's statewide TMC and DMS 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.

SCOOT - Adaptive Signal System Project, Hattiesburg, MS. Planned and implemented a SCOOT adaptive traffic system. Located near the University of Southern Mississippi and in close proximity to three hurricane evacuation routes from the Gulf Coast, this city experiences wide ranging traffic patterns. Adaptive control was installed at 50 intersections to better assist traffic on the largest 2 arterials funneling traffic to I-59.

Gulf Coast Wireless Communication Network (Highway 90 Corridor), MS. Managed a regional department of transportation-owned and operated wireless network along the Highway 90 corridor in Mississippi. This system was installed after Hurricane Katrina to collect traffic data and communicate with traffic signals and closed circuit television networks along 55 miles of the MS Gulf Coast. Work included construction oversight, repair, and maintenance of system and equipment upgrades. This project used a variety of different radios from 900 Mhz to 5.9 Ghz.

Digital CCTV Video Migration Project, Mississippi Dept. of Transportation, MS. Planned and assisted in the state-wide conversion of the existing MDOT camera network to an all-digital format, allowing real-time video streams to the Mississippi Department of Transportation traveler information website, various public smart phone apps and to emergency responders for traffic incidents. The improvements reduced energy consumption of networking equipment 90%, as well as making the video network more reliable to the state and the public. This project received a "Best New Innovative Application" by National Rural ITS.

University Medical Center Emergency Communications Project, MED-COM, Jackson, MS. This project connected the DOT traffic management fiber network to a Level 1 trauma center. The Medical Center was able to use the MDOT cameras and TMC notifications to leverage the resources of both agencies in an effort to respond quicker and more safely to emergency events, choosing to use ground transportation or helicopter service based on the real time traffic video provided by the Mississippi Department of Transportation. This project received "Best New Innovative Practice" by ITS America.



Melissa Toth, PE Signal Design/ITS



Education

- B.S., Civil Engineering, North Carolina State University

Registrations

- Professional Engineer: Florida 79228, North Carolina 025892, Virginia 0402053466

Professional affiliations

- Institute of Transportation Engineers

Software

- Microsoft Excel
- MicroStation
- Synchro
- SimTraffic

Melissa Toth has 25 years of engineering experience, 17 of which are in traffic signal design and traffic engineering. Her experience has been focused on traffic signal designs, fiber-optic cable routing, utility make-ready, signing and delineation, and rail safety. Ms. Toth has led several projects involving traffic signal design from isolated signals to computerized signal systems.

Ms. Toth's Atkins project experience includes:

Broward County Traffic Signals, Broward County, FL. Lead traffic signal designer of four intersection improvement projects: 1) Pine Island Road and Sunset Strip in Sunrise, 2) Sheridan Street and Palm Avenue in Pembroke Pines, 3) Taft Street and N. Park Road in Hollywood, 4) Dykes Road and SW 29 Street in Miramar. Work included traffic signal designs with metal poles and mast arms, pedestrian features, video detection, and street signs. Work also included post design services for catalog cut review and support during construction.

Lyons Road at St. Andrews Traffic Signal, Coconut Creek, FL. Lead traffic signal designer for the signal at Lyons Road and St. Andrews/Publix Shopping Center. Work included traffic signal designs with metal poles with mast arms, pedestrian features, video detection, and street signs. Work also included extending communications from the intersection 750 feet away to the new signal.

Burlington-Graham Traffic Signal System Upgrade and Expansion, North Carolina Department of Transportation, Burlington and Graham, NC. Project manager for this project that involves the plans, specifications, and estimates for the rehabilitation and expansion of the Cities of Burlington and Graham's existing computerized traffic signal system. Leading preparation of cable-routing plans and the design of 40 city-owned signals and 169 state-owned signals for intersection improvement plans (including pedestrian features) as well as production of the electrical and programming details. Responsible for five railroad encroachment applications. Work includes replacement of the existing fiber-optic communications system with a new Ethernet communications system comprised predominately of new fiber-optic communications cable. Responsible for the preparation of utility make-ready plans for approximately 55 miles of cable routing from field to plan production.

F17202 – 09-0311 Traffic Signal Design, NCDOT Rail Division, Landis, NC. Atkins was tasked with designing the traffic signal at SR 1210 (Ryder Avenue) and SR 2739 (Main Street) and Central Avenue in Landis, Rowan County. The intersection of SR 1210 (Ryder Avenue) and SR 2739 (Main Street) has an existing traffic signal controller and signals, and the new design incorporates the intersection across railroad tracks from Main Street. The design includes railroad preemption,

Melissa Toth, PE, pg 2

flashing yellow arrow signal heads, metal poles with mast arms, and pedestrian features.

BNA Nashville Airport Parking Garage Traffic Signals, MNA, Nashville, TN. Engineer-of-Record for multiple temporary and permanent traffic signal designs for installation during construction of a parking garage at the airport. Design included metal poles with mast arms, inductive loops, and video detection.

U-4751 Military Cutoff Road Traffic Signals and ITS, NCDOT, Wilmington, NC. Project manager for this traffic signal and ITS project to accommodate roadway widening and new alignment for Military Cutoff Road. Project was comprised of fifteen traffic signals with twelve temporary designs for construction phasing, three CCTV cameras, and communications cable design. Traffic signal designs included metal poles with mast arms, pedestrian features, flashing yellow arrows designs, and superstreet intersections.

U-3330-US 301 Bypass (Wesleyan Boulevard) Traffic Signals and ITS, NCDOT, Rocky Mount, NC. Project manager for this traffic signal and ITS project to accommodate roadway widening for US 301 Bypass (Wesleyan Boulevard). Project was comprised of fifteen traffic signals with twelve temporary designs for construction phasing, three CCTV cameras and communications cable design. Traffic signal designs included metal poles with mast arms, flashing yellow arrows designs, and emergency vehicle preemption.

P-5206D Traffic Signal Revision, NCDOT Rail, Kannapolis, NC. Atkins was tasked with making a revision to the traffic signal design 09-1092 at the intersection of SR 2739 (N. Main Street) and SR 1254 (E. 22nd Street) in Kannapolis, Rowan County. The revision was made to increase an existing curb and gutter radius to allow large truck movements, which forced signal pole, signal cabinet and stop bar modifications. Signal design included railroad preemption, electrical programming detail, autoturn confirmation, and clearance calculation confirmation.

Asheville Traffic Signal System Upgrade and Expansion, North Carolina Department of Transportation, Asheville, NC. Task leader for this project that involves the plans, specifications, and estimates for the rehabilitation and expansion of the City of Asheville's existing

computerized traffic signal system. Leading preparation of cable-routing plans and the design of 41 city-owned signals for intersection improvement plans (including pedestrian features) and production of the electrical and programming details. Responsible for 16 railroad encroachment applications. Work includes replacement of the existing fiber-optic communications system with a new Ethernet communications system comprised predominately of new fiber-optic communications cable. Responsible for the preparation of utility make-ready plans for approximately 77 miles of cable routing from field to plan production.

High Point Traffic Signal System Upgrade and Expansion, North Carolina Department of Transportation, High Point, NC. Task leader for this project that involves the plans, specifications, and estimates for the rehabilitation and expansion of the City of High Point's existing computerized traffic signal system. Assisted with preparation of cable-routing plans and the design of 38 city-owned signals for intersection improvement plans and led production of the electrical and programming details. Responsible for six railroad encroachment applications and the evaluation of five existing city signals to assess whether to remove the signal. Work includes replacement of the existing fiber-optic communications system with a new Ethernet communications system comprised predominately of new fiber-optic communications cable. Responsible for the preparation of utility make-ready plans for approximately 80 miles of cable routing from field to plan production.

R-2246B George Liles Parkway Signing and Pavement Marking, North Carolina Department of Transportation, Cabarrus County, NC. Project manager for this project involving signing and pavement marking for a four-lane divided facility, including superstreet features, signalized intersections, and one single point urban interchange. Signing plans included structural line drawings for overhead signs, sign designs, ground mounted support chart, type "E" and "F" signs, and plan sheets.



Garrett Hurst, PE

Signing and Pavement Marking



Education

- M.S., Civil Engineering, University of Alabama
- B.S., Civil Engineering, University of Alabama

Registrations

- Professional Engineer: Florida 84025

Certifications

- Advanced Maintenance of Traffic Certification, FDOT

Professional development

- Access Management Workshop, FDOT
- Advanced Highway Safety Manual Workshop, FDOT
- Design Exceptions and Variations Workshop, FDOT
- Specifications Package Preparation Training, FDOT
- Synchro Support Workshop, FDOT
- Roundabout Design Training, FDOT
- Prerequisite Assessment for Safety Inspection of In-Service Bridges, NHI

Garrett Hurst has 5 years of experience in a broad range of transportation engineering involving roadway and traffic design. His experience includes designing pedestrian and vehicular facilities as well as traffic modeling and analysis. Mr. Hurst's comprehensive understanding of current codes and standards as well as the design process assists clients in delivering projects that are constructible and meet budgets.

Mr. Hurst's project experience includes:

General Engineering Consultant, Florida Dept. of Transportation, District Three, FL. Assistant project manager under the general engineering consultant contract. Responsibilities include coordination with interlocal agencies, coordination with public interests, site evaluations, and program budget management.

Crawfordville Highway Multi-Lane Reconstruction, Wakulla County, Crawfordville, FL. Design engineer responsible for a signal warrant analysis, and traffic signal design and layout of multiple intersections. This project involved the widening of a two-lane, two-way road, and realignment of a side road. The realigned intersection was warranted for a traffic signal and signal timings were determined appropriately.

CR 30A Bridge Replacement at Alligator Lake and Little Redfish Lake, Walton County, Grayton Beach, FL. Design engineer responsible for the hydraulic analysis, roadway design, bridge design, and plans preparation. The project involved the design of a 40-foot span bridge, including a multi-use path with precast concrete components. Close coordination was required with the utility agencies and precast contractor for wing wall and pile locations.

CR 30A Pedestrian Bridge Replacement at Draper Lake, Eastern Lake and Deer Lake, Walton County, Grayton Beach, FL. Design engineer responsible for designing multi-use path approach transitions for new bridges. This project provided enhanced pedestrian facilities with wider bridge sections to accommodate the Timpooshee Trail expansion.

Trotter Road Reconstruction, Largo Public Works, Fort Meyers, FL. Prepared signing and pavement marking drawings for a local street with pedestrian facilities and school zone requirements.

Sawgrass Mills Traffic Analysis, Broward County, Sunrise, FL. Project traffic engineer responsible for traffic demand modeling and analysis, and projecting trip generations for future development. The project involved modeling of intersections within a 12-square mile study area including interstate ramps and determining appropriate measures to improve safety and vehicular and pedestrian traffic flow.

Garrett Hurst, PE, pg 2

Timpooshee Trail Reconstruction, Walton County Tourist Development Council, Grayton Beach, FL.

Design engineer for a multi-use path expansion. Project includes redesigning existing multi-use path to provide wider width with improved water collection and pedestrian features.

State Road 85 (North Ferdon Boulevard) Corridor Analysis, Okaloosa County, FL. Project traffic engineer for design of a signalized intersection. Project includes signalization, signing and pavement markings, roadway modifications, and drainage considerations.

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

CR 30A Congestion Management Plan, Walton County, FL. Project traffic engineer for the corridor analysis focusing on congestion management and sustainable growth. Project analysis includes corridor evaluation and demand model development for alternative alignment considerations. Responsible for developing policies and procedures for the County which target appropriate traffic control and pedestrian safety.

Driftwood Road and Ellis Road Stormwater and Transportation Preliminary Engineering Evaluation, Walton County Public Works, Miramar Beach, FL.

Prepared preliminary road geometry alternatives for Driftwood and Ellis Road in the effort to accommodate pedestrian traffic and mitigate localized flooding issues.

Hanson Street Extension, Fort Meyers Public Works, Fort Meyers, FL. Prepared signing and pavement marking drawings for multi-lane corridor including a roundabout intersection.

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

Rome Mill Capacity Increase, International Paper, Rome, GA. Structural design engineer responsible for preparing structural steel and concrete design calculations for multiple structures at the site including silo foundations, equipment platforms, pipe bridges, and a pipe bridge support tower foundation. Responsibilities included field verification of existing support locations and 2D layout of pipe bridge structure.

Maysville Mill Capacity Increase, International Paper, Maysville, KY. Structural design engineer responsible for providing conceptual and detailed structural design of a covered fork truck ramp, retaining wall foundation, equipment platforms, and a vacuum pump foundation. Responsibilities also included short term field assignments necessary for conceptual layout, quantity tracking and trending, framing for floor openings, cable bracing analysis, and retrofit design for additional loading in roof joist.

Marshalltown Generating Station Design Build, Alliant Energy, Marshalltown, IA. Structural design engineer responsible for preparing structural steel design calculations for the power house siding support structure, column base plates, access platforms, and stair tower structure. Applicable codes (ASCE 7, ACI, ASCE, IBC, OSHA, and ASTM) were used for design in a heavy snow and seismic region in addition to meeting code requirements for fire rated girt systems.

Georgia-Pacific, Cedar Springs, GA. Project engineer intern. Managed engineering projects. Met with contractors to receive quotes for projects. Presented projects to management to receive funding. Researched options to optimize mechanical systems. Assisted project engineers with documentation support.



Dennis Newjahr

Transportation Planning and Traffic Studies



Education

- M.S., Sociology, Long Beach State University
- B.S., Sociology, Long Beach State University

Professional affiliations

- Conference of Minority Transportation Officials American Planning Association
- American Public Transportation Association

Professional development

- Atkins' Program Management Course
- Atkins' CSM and Sales Course

Dennis Newjahr has 40 years of experience in the interpretation and application of federal and state transportation statutes, regulations, policies, guidelines, and procedures governing the development and management of federal- and state-sponsored programs. He has proven experience in various transportation and program management disciplines, including planning, project management, civil engineering, and financial management. Mr. Newjahr has prepared transportation plans, alternatives analysis, major investment studies and policies, and New Starts reports; secured project funding; and provided short- and long-range solutions that address regional mobility, accessibility, and environmental requirements. He has built partnerships at local, state, and federal levels to gain support of an organization's programs and projects and has managed complex projects and large multidisciplinary teams of professionals. His ability to integrate key program goals, priorities, and values has enabled him to develop capital programs and projects that support various transportation technologies, including commuter rail, heavy and light rail, bus, and rapid transit.

Mr. Newjahr's project experience includes:

Wave Project General Planning Consultant, Broward County Transit, Fort Lauderdale, FL. Project manager providing professional opinions regarding South Florida Regional Transportation Authority's over/under cost estimate to operate and maintain the Wave streetcar during the next 20 years, assess the escalation of material and labor costs as well as inflation of costs from the base year, and determine the soundness of the economic forecasts and factors used, noting the use of different rates or costing techniques within the estimate. Atkins is reviewing and providing specific recommendations as warranted on the O&M costs of the Fort Lauderdale Wave Streetcar project.

Public Transportation Office Districtwide Support Services, Florida Dept. of Transportation, District Six, Miami, FL. Responsible for reviewing Miami-Dade Transit's Bus System Safety Program Plan and tracking its corrective action plans that are generated from accidents, safety and/or security-specific deficiencies, or unsafe conditions and conducting on-site reviews to verify that deficiencies are appropriately addressed in accordance with recommended corrective action and within the established implementation schedule. Atkins is supporting the Freight, Logistics, and Passenger Operations Office in managing its airports, seaports, transit and rail, pedestrian, bicycle, freight, and intermodal projects. Services have included project planning and development, interagency coordination, grant application review and administration, project plans review, and site inspections as well as services associated with grant program audits.

Dennis Newjahr, pg 2

Westshore Regional Multimodal Center PD&E Study, Florida Dept. of Transportation, District Seven, Tampa, FL. Transit expert responsible for determining multimodal facility and automated guideway transit (AGT) infrastructure requirements, multimodal site and AGT alignment selection process, facility planning, joint development, capital and operating cost estimation, environmental clearance, public engagement and public hearing processes. Atkins is leading 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 AGT system that will connect Tampa International Airport with a proposed regional multimodal center in the Westshore District.

General Planning Consultant, South Florida Regional Transportation Authority, Pompano Beach, FL. Task manager responsible for corridor and station area planning, travel demand modeling, land use impact analysis, capital and operating cost estimating, and financial planning to ensure the project receives Federal Transit Administration funding. As a subconsultant, Atkins is assisting in preparing transportation planning and studies, facilities planning, station area/transit oriented development, environmental analysis, and financial planning.

Risk Assessment of Music City Star Commuter Rail, Tennessee Dept. of Transportation, TN. Project manager responsible for the review and assessment of whether ridership projections, feeder bus requirements, support facilities, and bus and train frequency were conducive to a commuter rail system. Assessed the financial liabilities associated with the project including capital costs, fare policy, operational and maintenance costs, revenue projections, and federal, state, and local cost allocation requirements. Assessed the local agency's technical capacity to construct and operate the system, and prepared a final report discussing findings and recommending short- and long-term changes to the project. The state approved and implemented all recommendations. On behalf of the Tennessee Department of Transportation commissioner, mayor of Nashville, and governor of Tennessee, Atkins assessed the statewide risk associated with implementation and operation of commuter rail service on an existing freight track in the Nashville region.

Virginia Street Bus Rapid Transit Corridor Investment Plan, Regional Transportation Commission of Washoe County, Reno, NV. Task manager leading the corridor

and station area planning, travel demand modeling, land use impact analysis, and financial planning to ensure the project receives Federal Transit Agency (FTA) funding. Responsible for preparing the FTA's Small Starts applications for funding and a project management plan that conforms to FTA guidelines and best practices. Prepared a series of technical memoranda focused on operating a 6.3-mile-long streetcar line in the Virginia Street corridor, assessed the capital and operating financial impact to the Regional Transportation Commission, and evaluated the prospects of operating a 13-mile-long commuter rail line in Union Pacific Railroad's freight corridor.

Maryland Parkway Corridor Alternative Analysis, Regional Transportation Commission of Southern Nevada, Las Vegas, NV. Transportation planner responsible for transit system design. 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, bus rapid transit, 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.

I-85 Alternatives Analysis Corridor Study, Gwinnett County, GA. Project manager responsible for project management and leading the New Starts project development processes, including alternatives analysis (AA), travel demand modeling, environmental documentation, design, financial planning, and preparation of annual New Starts reports. Gwinnett County, in collaboration with Federal Transit Administration (FTA), is undertaking the preparation of an AA study for identification of alternative transportation improvements in the I-85 corridor and Norfolk Southern freight rail corridor. Atkins' tasks include leading a multidisciplinary team of consultants through an AA study process that conforms to FTA's New Starts guidelines; identifying and evaluating a range of roadway and transit options within the study area, including light rail transit, heavy rail, bus rapid transit, premium bus service, and managed lanes; and selecting alternative transportation modes and/or improvements.

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Jonathan Nicholson, PE

Transportation Planning and Traffic Studies



Education

- B.S., Civil Engineering, Auburn University

Registrations

- Professional Engineer:
Alabama 30077, Georgia
039715

Software

- CUBE Voyager/TP+
- TransCAD
- Synchro
- HCS2000
- CORSIM
- ArcGIS

Jonathan Nicholson has 15 years of experience in travel demand modeling, microsimulation modeling, and transportation planning, and specializes in model development and transit forecasting. With respect to the development of models, he has trained agency staff in the application and interpretation of model results and developed custom applications for summarizing model output. He has worked with multiple travel demand modeling packages including TransCAD, Cube, and EMME. He has completed model development and applications for the Atlanta Regional Commission (ARC), Metropolitan Atlanta Rapid Transit Authority (MARTA), Tennessee Department of Transportation (TDOT), Regional Planning Commission of Greater Birmingham (RPCGB), and the Nashville Area Metropolitan Planning Organization (MPO).

Mr. Nicholson's project experience includes:

Modeling Assistance, Atlanta Regional Commission, Atlanta, GA. Primary member of ARC's on-call modeling consultant team for the past ten years including serving as the project manager for the most recent contract. Work involved model development and applications in support of ARC's development of long range transportation plans for the Atlanta metropolitan area. Involved in the expansion of the ARC modeling region to 20 counties, including zone definitions and highway network coding, as well as the recalibration of the distribution models, mode choice models, and highway assignments. Assisted with preparation and general review of regional highway and transit networks, and the development of the model applications for air quality analysis. Used TP+/CUBE modeling software package for model updates and creation of regional performance measures. Involved in the preparation of the congestion management system (CMS) corridor definitions and procedures. Assisted with the training of ARC staff to use the CMS procedures and general modeling applications. Calibrated a number of components of ARC's first generation activity based model including daily activity patterns, tour destination choice, stop models, and time-of-day choice.

General Planning, Metropolitan Atlanta Rapid Transit Authority, Atlanta, GA. Primary developer of ridership forecasts for a number of MARTA corridor studies including the Clifton Corridor, GA-400 Corridor, I-20 East Corridor, and Beltline. Analysis included several potential alignments for new, expanded bus-way and/or fixed guide-way service in these corridors for the purposes of selecting a locally preferred alternative. Used the regional transit on-board survey to calibrate/validate mode choice models in support of the ridership forecasting procedures. Also the primary developer of the travel demand model aspect of a regional transit prioritization methodology which included guidelines for project/scenario testing and custom Cube Voyager scripts to process the model outputs. Involved in running

Jonathan Nicholson, PE, pg 2

the Federal Transit Authority's (FTA) Summit program required for New Starts applications.

Comprehensive Transportation Plan, Paulding County, GA. Updated the ARC regional model traffic analysis zones in Paulding County in support of developing highway networks for scenario testing. Analyzed model outputs to assist in the prioritization of capacity improvement projects. Used Synchro to analyze 5 corridors (16 intersections) for existing conditions and projected ten years of growth. Provided recommendations for intersection improvements for the county's short-term work program.

Long Range Transportation Plan, City of Huntsville, AL. Updated travel demand model for the Huntsville MPO in support of the MPO's long range transportation plan. Work involved updates to the trip distribution model, incorporation of a feedback loop, and modified highway assignment procedures. The model was created in Cube's Application Manager.

Long Range Transportation Plan, Lee-Russell Council of Governments, Auburn, AL. Assisted with the calibration and validation of the Auburn/Opelika MPO travel demand model in support of the MPO's long range transportation plan.

Cube Avenue Dynamic Traffic Assignment Model Development, Perimeter Community Improvement Districts, Atlanta, GA. Work included creation of a detailed highway network with true-shape geometry and intersection data (signal timings, turn lane geometry, etc) in the subarea. Linked the subarea model to the Atlanta MPO regional travel demand by performing trip extraction at the subarea level as a seed matrix for the subarea model. Created an equivalency between parcel level land use codes and Institute of Transportation Engineers (ITE) trip generation categories. Built a trip generation model in Cube Voyager that reads the parcel based data (building square footage, number of hospital beds, number of housing units, etc) and applies ITE-based trip generation equations to estimate subarea trip ends.

On-Call Assistance, Georgia Dept. of Transportation, Atlanta, GA. Assisted with the development of the future socioeconomic data for the Coastal Region MPO (Savannah, GA) travel demand model. Work involved reviewing county comprehensive plans, GDOT's statewide model, and major developments planned in the area.

Also developed socioeconomic data for the entire state for 2010 Census traffic analysis zone boundaries. Data included households, population, employment by type, school enrollment, university enrollment, and median income. Sources included 2010 census, 5-year American Community Survey (ACS) data, Department of Education, and other online resources.

Interchange Modification Report–I-75: Forest Parkway to I-285, Georgia Dept. of Transportation, Atlanta, GA. Performed the microsimulation analysis in CORSIM for no build and three build alternatives for years 2020 and 2040. Alternatives included a new C-D system with braided ramps and fly-over ramps. Performed level of service (LOS) analysis of the background intersections along with the freeway and ramp segments in the area of the proposed improvements. Also performed benefit-cost analysis for the build alternatives.

Atlanta to Athens Connectivity and Mobility Study, Georgia Dept. of Transportation, Atlanta, GA. Developer of the travel demand model used to analyze travel patterns in the Atlanta to Athens study area. Work involved merging the Atlanta and Athens MPO models to form one seamless model. Also developed computer scripts to summarize performance measures for analyzing existing conditions and improvement scenarios.

I-65/US 31 Mobility Matters Project, Regional Planning Commission of Greater Birmingham, Jefferson/Shelby Counties, AL. Involved in the model refinements utilized for analyzing highway and transit projects in the I-65 and US 31 corridors. Included coding highway and transit projects using Cube software and the development of performance measure scripts for project evaluation.

Abbotts Bridge Road Traffic Study, Georgia Dept. of Transportation, Johns Creek, GA. Used collected traffic count data in the preparation of design hour traffic for existing and future conditions at two intersections of Abbotts Bridge Rd-SR 120 (Parsons Rd and Boles Rd). Performed traffic microsimulation using CORSIM and prepared LOS and delay summaries at the intersections. Provided recommendations for short-term and long-term improvements.



Kent Blunt, EI

Transportation Planning and Traffic Studies



Education

- B.S., Civil Engineering, Southern Illinois University

Certifications

- Engineer Intern, Illinois 061037051
- Intermediate Maintenance of Traffic (MOT)
- IMSA Level I

Professional affiliations

- Toastmasters International
- Institute of Transportation Engineers

Software

- Synchro
- Tru-Traffic
- ATMS.now
- NTCIP Protocol
- HCS+
- VISSIM
- INRIX
- ICE Tools

Professional development

- Synchro Studio Intermediate and Advanced Topics
- Siemens ECOMM to NTCIP Conversion Training
- Eagle EPAC/HAWK Signal Training
- NHI:380074 – Intersection Safety Workshop
- HSM Roadway Safety Management Process
- Eagle EPAC Traffic Signal Training I and II
- Tru-Traffic Training
- Freeway and Interchange Safety

Kent Blunt has 5 years of civil/transportation engineering experience that includes traffic operations and planning related projects in Florida and Missouri. Mr. Blunt's experience includes intersection, arterial, and corridor traffic analysis, signal timing and maintenance, vehicle and pedestrian safety analysis; transportation planning studies, traffic data analysis, and traffic management and project financial feasibility studies. He is well-versed in the methodologies and procedures of the Highway Capacity Manual and Highway Safety Manual and has experience using Synchro, Tru-Traffic, VISSIM, and HCS7 and HCS 2010 highway capacity software. BIO

Mr. Blunt's project experience includes:

East Johnson Avenue Corridor Management Plan. Project engineer corridor analysis and assisting with the selection of intersection control improvements along the corridor. Mr. Blunt's involvement included developing and analyzing design year intersection delay and operational characteristics with use of HCS+.

General Engineering Consultant, Districtwide Traffic Signal Retiming Program, Florida Dept. of Transportation, District 2, FL. Project engineer who helped with efforts to retime multiple corridors in the FDOT District 2 area. Specific tasks included data collection, travel time studies, field investigations, analysis of existing and proposed signal timing plans, and pedestrian considerations. Field implementation team member who deployed new signal timing using ATMS centralized controller software and made field adjustments.

Consultant for the review of the Viera Development of Regional Impact (DRI) Study, Brevard County, Viera, FL. Project engineer providing traffic operations and site impact review of the proposed Viera Development of Regional Impact analysis. This project required extensive review of the state, county and local codes to provide a thorough review of the proposed developments traffic related impacts to the surrounding region.

Orange Avenue Corridor Study, City of Altamonte Springs, FL. Project engineer providing traffic analysis and evaluation of the Orange Avenue corridor. Mr. Blunt's involvement included developing and analyzing capacity and operational traffic performance metrics for several design options.

Community of Nautilus, Neighborhood Traffic Calming Study, Nautilus, FL. The objective of this project was to determine proper traffic calming techniques to reduce driver speeds and cut-through traffic. Mr. Blunt assisted the synchro model analysis of the entire community to identify areas of primary concern. An arterial travel time study was conducted to identify quicker routes through the neighborhood to capture cut-through routes.

Kent Blunt, PE, pg 2

SR 434 Corridor Planning Study, Florida Dept. of Transportation, District 5, FL. Project engineer providing traffic engineering support for corridor and intersection analysis using Synchro microsimulation and the processes of the latest HCM. This Corridor Planning Study will develop a plan for future transportation improvements within the SR 434 corridor from Rangeline Road to US 17-92 in the City of Longwood. This project seeks to address the mobility needs of the community and to advance potential improvements for the corridor.

Brooks Bridge Replacement Project Development and Environment, Sub-consultant to HDR Inc, Florida Dept. of Transportation, District 3, Destin, FL. Assisted with Synchro simulation based design analysis of several design alternatives. In total, six different design alternatives were analyzed for widening Brooks Bridge in Fort Walton Beach. The deliverables for the project included the design traffic report and the traffic operational analysis for the project Preliminary Engineering Report.

Port Canaveral Payne Way Signal Warrant Study, Port Canaveral, FL. Project engineer which assisted with determining proper intersection control at two locations connecting to the Port's industrial facilities. This project included conducting signal warrants studies on the two intersections, and the completion of a signal needs report.

West Avenue Corridor Analysis, Miami Beach, FL. Project engineer tasked with producing a traffic operations analysis of the West Avenue corridor. The purpose of the study is to determine what changes could be made to the roadway, such as removing left turn lanes, to provide enough roadway space necessary for installation of bicycle lanes. The analysis included the analysis of the corridor by using Synchro and SimTraffic software.

Seminole Hard Rock Casino Lucky Street Parking Garage Study, Hollywood, FL. Traffic engineer. Mr. Blunt served as a traffic engineer on the team which completed responsible for completing a field assessment of the garage operations during a peak period and provide recommendations of changes that can be made to improve traffic operations. Atkins was tasked with determining what changes, if any, can be implemented within the parking garage to improve traffic operations during high peak concert times.

I-77 Express Lanes Traffic Operations Study, North Carolina Dept. of Transportation, Mecklenburg County, NC. Traffic engineer responsible for the Synchro and VISSIM operation analysis and crash data analysis for the project. Tasks include calibrating the VISSIM models with travel time data obtained from INRIX, a real-time traffic analytics software. Atkins studied the traffic operations of I-77 for future conversion of the freeway's High Occupancy Vehicle lanes into express lanes.

Arterial Wrong Way Driving Initiative – Safety Analysis, Florida Dept. of Transportation Central Office TSM&O Office Safety Management, FL. Project engineer responsible for reviewing crash records, verifying crash data, conducting field reviews of crash locations, and providing statistical analysis of arterial wrong way driving crash data. The project also included countermeasure evaluation and recommendations to reduce the frequency of arterial wrong way driving crashes.

Wellness Way Corridor Feasibility and PD&E Study, Lake County, FL. As a sub-consultant to Avcon, Inc. Atkins studied the best location for proposed improvements on the natural, social and physical environment for the construction of a two-lane paved toll road designated as Wellness Way in the Lake County Wellness Way Sector Plan. Mr. Blunt served on a team responsible for preliminary conceptual traffic engineering analysis and created the development of the microsimulation Synchro model used in the analysis of multiple intersection configurations.

Cumberland Farms Concept Plans Traffic Impact Analysis, Traffic Engineering Support, Various Locations, FL. In support of design services, Mr. Blunt provided, and continues to provide, traffic engineering support and solutions to aid in the trip development and traffic circulation of the conceptual service stations. Tasks have included due diligence reports, traffic impact studies, and development of microsimulation models supporting permitting, design, and construction decisions.



Chris Russo, PE, PTOE

Transportation Planning and Traffic Studies



Education

- M.S., Civil Engineering, University of Central Florida
- B.S., Civil Engineering, University of Central Florida

Registrations

- Professional Engineer: Florida 74684

Certifications

- Professional Traffic Operations Engineer (PTOE)

Professional affiliations

- American Society of Civil Engineers, 2005 to present
- Institute of Transportation Engineers, Florida, 2009 to present

Software

- Microstation
- Synchro
- HCS+
- VISSIM

Chris Russo has 10 years of civil/transportation engineering experience that includes traffic operations, planning, and managed lanes-related projects in Florida and several other states. Mr. Russo's experience includes intersection, corridor and signalization traffic analysis; vehicle and pedestrian safety analysis; transportation planning studies; traffic data analysis; managed lanes operational analysis; and traffic management and project financial feasibility studies. He is well-versed in the methodologies and procedures of the Highway Capacity Manual and Highway Safety Manual and has experience using VISSIM, Highway Capacity Software (HCS), and Synchro software. Additionally, Mr. Russo has experience in the production of Florida Department of Transportation roadway design, maintenance of traffic, signalization, and signing and marking plan sets.

Mr. Russo's Atkins project experience includes:

Buckman Bridge Safety Study, General Engineering Consultant, Florida Department of Transportation, District Two, Lake City, FL. As part of a General Engineering Consultant (GEC), Atkins provided engineering support to study of the Buckman Bridge on I-295. Mr. Russo's specific tasks included an extensive analysis and investigation of crash data and crash narratives obtained from the Florida Crash Analysis Reporting System and the Signal4 Analytics Crash database. The crash data was mined to find trends and hotspots to help summarize crash characteristics. Additionally, this project included field safety reviews and providing innovative engineering countermeasures that can potentially reduce crashes in the vicinity of the project. Based upon the project goals, specific attention was being provided to road departure crashes, crashes involving the bridge barrier walls, and roll over crashes. Included in the crash countermeasure process are solutions to manage the speeds along the bridge such as active traffic management and variable speeds.

General Planning Consultant, Florida Department of Transportation, District Three Planning Office, Chipley, FL. As part of this program, provided traffic planning and operational services for the following categories: arterial system analysis using simulation procedures, design traffic support, intersection warrant analysis, and several other traffic-related concepts.

Florida-Alabama Transportation Planning Organization, North Palafox Street Corridor Management Plan, Pensacola, FL. Responsible for traffic operations and microsimulation analysis. Provided arterial and intersection analysis using Synchro tools. Furthermore, with Complete Streets objectives in mind, existing lane geometries and signals were analyzed to determine if necessary in future traffic projections.

Chris Russo, PE, PTOE, pg 2

General Engineering Consultant, Georgia State Road and Tollway Authority, Atlanta, GA. Engineer supporting the development of a variety of assignments that varied from operational analysis to feasibility studies. Tasks for this GEC contract included maintenance of traffic (MOT) analysis for the GA 400 toll plaza lane closure, operational analysis of the I-85 express lanes during the implementation phases, financial feasibility model for a proposed express lane program, development of an Operations Center Standard operations procedural document, and development of toll plaza simulation models for lane closure MOT.

Seminole County Public Works, Stimulus Project for Seminole County Pavement Rehabilitation Project, Seminole County, FL. Project engineer and CAD designer responsible for performing CAD production and assisting with the design and permitting of plans for the rehabilitation for three major arterial roadways. Seminole County Public Works identified numerous projects that would be part of the stimulus package offered by the federal government. Atkins, as the GEC consultant for Seminole County, assisted the County in meeting this goal. The project engineers were required to produce plan drawings, cost estimates, summary of quantities, typical section sheets, aerial based plan sheets and all as necessary documents to meet County contractual requirements. Atkins then included these documents in submission to the County to meet the federal reporting and accountability requirements as described by the American Recovery and Reinvestment Act of 2009.

Toll Plaza Conversion Concept Study, Town of Bay Harbor Islands, FL. Project engineer involved in developing a conceptual report that presents the analysis and assessment results for the conversion of the existing Broad Causeway Toll Plaza from a cash/Bypass collection system to a cash/ETC (SunPass) collection system, and ultimately an all-electronic tolling system. Primary responsibilities were to ensure that the conceptual design met tolling industry standards from a tolling technology, operational, and safety standpoint. Study included a traffic demand analysis, payment method demand analysis, operational impacts of conceptual design; new sign design, and assist on plaza crash study. This report outlined the necessary steps needed to make conversions and also included preliminary conceptual plans for modifying the plaza to accommodate these conversions.

Interstate 4 Variable Speed Limit System Study, Florida Department of Transportation, District 5, Orlando, FL. Project engineer responsible for data analysis and statistical design measures used to evaluate the effectiveness of the variable speed limit system along Interstate 4. Specific tasks included researching and analyzing system to answer: 1) Does this VSL system impact motorist behavior and what change of motorist compliance is observed between the use of the old static speed limit signs and the new VSL signs, and 2) Is there a reduction in primary and secondary crashes due to the VSL system. An extensive data acquisition and analysis was performed to determine the operational and safety benefits of the program. The final study was produced into a white paper format so that FDOT may share the results with the FHA and other transportation agencies interested in installing a VSL system.

Florida-Alabama Transportation Planning Organization, North Palafox Street Corridor Management Plan, Pensacola, FL. Responsible for traffic operations and microsimulation analysis. Provided arterial and intersection analysis using Synchro tools. Furthermore, with Complete Streets objectives in mind, existing lane geometries and signals were analyzed to determine if necessary in future traffic projections.



Harry Belton, RLA

Landscape and Masterplanning Design



Education

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

Registrations

- Registered Landscape Architect: Florida LA0000900

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 FDOT. 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, Florida Department of Transportation and the Broward County Metropolitan Planning Organization, Fort Lauderdale, FL. Served as lead urban designer for this joint project between FDOT and 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.

Harry Belton, RLA, pg 2

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. Project Name, Agency, Location, ST. Description

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 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.

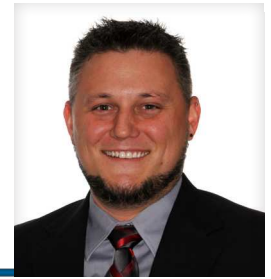
Federal Highway – Commercial Boulevard to Cypress Creek Canal, Florida Dept. of Transportation District Four, Broward County, FL. Lead landscape architect responsible for the landscape and irrigation design for 2.5 miles of urban highway that included thematic use of plant material throughout this heavily traveled tourist corridor.

Broward County Interim Contingency Landfill, Broward County, FL. Responsible for the master end-use plan for this project. The facility consists of more than 400 acres and includes extensive fitness trail systems, nature paths, equestrian trails, recreation center, composites, and boating facilities. This project also involved more than 100 acres of comprehensive wetland mitigation.

Broward County Landfill Closure, Broward County, Davie, FL. Responsible for design of the master end-use plan for this project, which involved the cleanup of a toxic waste dumping area and conversion of the entire site to a regional festival area.



Jason Keese
Landscape and Masterplanning Design



Education

- B.S., Landscape Architecture, Purdue University

Professional affiliations

- Irrigation Association
American Society of Landscape Architects

Software

- AutoCAD
- MicroStation
- Adobe Illustrator
- Adobe Photoshop
- Google SketchUP

Jason Keese is experienced in landscape design involving commercial development of retail space and offices; 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, greenway and trail systems, and irrigation design. His professional experience also includes producing schematic and working drawings of residential, recreational, commercial, or industrial site projects for in-house review; researching feasibility of alternative design approaches, based upon client's specifications, site conditions, government specifications or regulations, for incorporation into layout; determining existing site conditions and preparing site analysis studies; designing and drawing conceptual plans for site layout, planting and grading, for review by senior landscape architect; preparing preliminary construction cost estimates; assisting in the coordination of design plans with other disciplines; observing construction projects to determine if landscape work is followed according to plans and specifications; and consulting vendors for updating research library or obtaining material samples and/or technical literature.

Mr. Keese's Atkins project experience includes:

Coconut Creek Parkway Educational Corridor Sense of Place Design Services, City of Coconut Creek, FL. Landscape designer responsible for developing the initial design concept, overall plant selection and palette, and creating visual aides to illustrate the proposed designs and alternatives. This project involved providing engineering and landscape architecture services for this multimodal, transit-oriented corridor. The scope of work involved road realignment, establishment of medians for function and beautification, shared use pedestrian and bicycle paths, and transit upgrades. The Coconut Creek Educational Corridor was chosen as one of only three corridors in Broward County to serve as a model for the Broward County-initiated Sense of Place project. Sense of Place is a Broward County initiative to create a county-wide design guidebook that promotes and implements design guidelines to create pedestrian friendly spaces and public transit, taking into consideration the distinctive character of each city within the county.

Dixie Highway Fly-Over, Florida Department of Transportation, District Four, Deerfield Beach and Boca Raton, FL. Helped develop standards for reconstruction and landscaping of Dixie Highway from south of Hillsboro Boulevard (SR-810) to north of Hillsboro Canal, within FDOT District Four. The new highway is a four-lane, fly over bridge spanning the FEC Railroad, Hillsboro River, and several downtown streets in Deerfield Beach. The project involved coordination with Palm Beach and Broward County, and the municipalities of Deerfield Beach and Boca Raton. The landscape design focused on a new pedestrian bridge and trail with access points to Pioneer Park, retention areas, streetscape plantings, and identifiable hardscape treatments for City of Deerfield Beach.

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Jason Keese, pg 2

Fort Lauderdale-Hollywood Airport, Fort Lauderdale/Broward County, FL. Landscape designer responsible for developing irrigation plans. This project involved multiple disciplines as part of the airport runway expansion. Landscape services were provided as part of the roadway realignment of US Highway 1. Involved with the irrigation design, modifications, and coordination with other entities associated with this work effort.

SR 5 (Biscayne Boulevard), Florida Dept. of Transportation, District Six, Miami, FL. Involved in providing an inventory of existing trees and the relocation plans, construction documentation, and inspection of all relocated materials. Also involved with the landscape, hardscape and irrigation design and construction documentation production. Throughout the process, coordinated with the historical society and city maintaining agency on all installations and approvals of landscape and hardscape treatments. This project involved new streetscape and median beautification as well as irrigation and hardscape improvements of SR 5 (Biscayne Blvd.) from NW 37th St. to NW 87th St. which included the historic MiMo District.

SR 5 (US 1) Rehabilitation Design Services, Florida Department of Transportation, District Four, Vero Beach, FL. Landscape designer responsible for working on the planting design and aiding in the development of the hardscape details of pavement patterns and layout as well as the custom tree grate and frame design and layout. This project involved milling and resurfacing of 1.431 miles of SR 5 (US 1). Design services were provided for improvements that included replacing the strain pole assembly at 23rd Street with mast arms and installing a new signal at 10th Avenue; signal interconnect; providing upgrades for Americans with Disabilities Act compliance; upgrading the guardrail connection to the bridge over the main relief canal; providing new signing and pavement markings; and landscaping.

Final Plans Review and Design Support Services, Florida Department of Transportation District Four, FL. Landscape designer responsible for providing miscellaneous landscape services including assisting with landscape design for projects under this contract. This contract involved providing plans review and design support services on a task work order basis. More than 90 initial engineering, constructability, and biddability reviews

were completed and comments were entered into the electronic review comments database. We provided FDOT with a quarterly analysis of the review comment database including an executive summary detailing statistical trends and identifying areas of deficiency found in the reviews. Also assisted in the long-range estimate review cycle and provided landscape design services as part of this contract.

Downtown Gateway Conceptual Design Planning Services, Delray Beach Community Redevelopment Agency, Delray Beach, FL. Landscape designer responsible for working with several artists to convert ideas and concepts into the landscape and developing visual diagrams. This project involved the construction of a special gateway to announce the entrance to the downtown area along Atlantic Avenue from the I-95 interchange. The focus of the gateway is to commemorate important events and to reflect the city's identity and history. Phase I services consisted of providing the conceptual design for the entrance with input from four subconsultant artists.

Pine Trails Park (Phase 4), City of Parkland, FL. Landscape designer responsible for assisting in the development of the park expansion layout, landscape design, and large-scale irrigation system. This project expands upon an existing infrastructure of multi-purpose athletic soccer fields, YMCA recreation facility, and small quad of t-ball fields. The design added three new soccer fields, a multi-purpose field, a four-field baseball wheel complex, and restroom and concession facilities.

Arthur Snyder Tennis Complex Construction Documents (Phase 1), City of North Miami Beach, FL. Served as landscape designer for this project that involved providing full master planning services, architectural design for the clubhouse, landscape architecture, civil engineering, and ecological science services for the site development of the project. Cost estimating was also provided at the master plan level to support the city's effort with regard to budgetary and funding issues.



Michael Ryan, PE

Construction and Engineering Inspection



Education

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

Registrations

- Professional Engineer: Florida 68358

Certifications

- Project Management Professional (PMP) 1203762
- 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
- FDOT Construction Academy, 2010
- TIN Number: R500556770170

Michael Ryan has 17 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: Tour de Parks Loop, 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, Florida Department of Transportation 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 7 existing bridges and deck replacement on an existing bridge. Bridge work involves concrete pile foundations, prestressed AASHTO Florida "I" beams, and barrier wall construction. The project 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

Michael Ryan, PE, pg 2

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, Florida Dept. of Transportation 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 Improvements and 3R Improvements to SR 951, Florida Department of Transportation, 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 FDOT 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, Florida Department of Transportation 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.



Reza Shams

Construction and Engineering Inspection



Education

- B.S., Civil Engineering, University of Miami
- B.S., Architectural Engineering, University of Miami

Certifications

- ACI Concrete Field Testing Technician Grade
- ACI-II Concrete Transportation
- CTQP Earthwork Construction Inspection Levels I & II
- CTQP Asphalt Paving Technician Levels I & II
- CTQP Qualified Grouting Technician Levels I & II
- CTQP Qualified Post-Tensioning Technician Levels I & II
- CTQP Final Estimates Levels I & II
- CTQP QC Manager
- CTQP Concrete Field Inspector Level I
- CTQP Drilled Shaft Inspection
- CTQP Pile Driving Inspection
- Florida Advanced Maintenance of Traffic
- Florida Stormwater, Erosion, and Sedimentation Control
- IMSA Traffic Signal Construction Level I

Reza Shams has 38 years of extensive experience in the construction of major roadways, bridges, and transit facilities. He has served as inspector, senior inspector, office engineer, and project engineer for several complex bridge, transit, and roadway projects throughout South Florida and abroad. Mr. Shams also has experience in seawall construction and water retention.

Mr. Shams' Atkins project experience includes:

Section C water Farm Berm Construction For C-23, South Florida Water Management District, FortPierces, (Indian River Lagoon) St. Lucie, FL. Project inspector responsible for construction inspection, arrange sampling and testing of all project materials, verification of project materials as per contract specifications, project documentation and final inspection. The section C water farm berm construction project consists of the construction of a small impoundment for C-23 canal that located St. Lucie County. The section C water farm will be constructed over approximately one square miles of land that belong to South Florida Water Management District. This contract includes clearing, grubbing and construction of embankment, canal vehicle access ramps, vehicle turnouts, maintenance berm, seepage canal, culvert, exfiltration trench, water control structure and pipes, stilling basin, armoring, and sodding.

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

Construction Support for Car Rental and CS East Concourse Miami Intermodal Center, Florida Department of Transportation, District 6, Miami, FL. Project engineer responsible for performing construction administration management tasks on several road and bridge projects associated with the Miami Intermodal Center. This project consists of three million square feet of floor space with a terminal quality customer service lobby and multi-floor refueling system. Associated ramp structures tying into the rental car center include a complex CC2 bridge with curved steel superstructure on driven pile, mechanically stabilized earth (MSE) walls, construction of rigid pavement for buses station parking area, lighting and signalization components. Coordinated the inspection activities, and ensured compliance with plans and specifications. Rail road system facilities incl. construction inspection for Tracks, platforms for TRI-RAIL and AMTRACK with station.

Earlington Heights Connector Miami Intermodal Center, Miami-Dade Transit, Miami, FL. Structural inspector for this gateway project that included 2.5 miles of elevated bridges that combined of segmental and U-Beams with all transit system facilities. Inspected substructure and superstructure, construction of rigid pavement for bus roads, reporting, and documentation.

Reza Shams, pg 2

I-95 South Bound Ramps to Griffin Road, Hollywood Boulevard and I-595 from University Drive to Pine Island, Florida Department of Transportation, District 4, Districtwide, FL. Contract support specialist/office engineer responsible for final estimate and project documentation for milling and resurfacing, widening, signalization, lighting, and retaining walls.

University Drive Resurfacing, Florida Dept. of Transportation, District 4, Plantation, FL. Contract support specialist/project engineer responsible for final estimate, inspection, and documentation for construction of milling and resurfacing, signalization, and street lighting of University Drive.

Busway Segment 1 South of US 1, Miami-Dade Transit, Homestead, FL. Project engineer for busway construction and US 1 reconstruction projects. Responsible for managing, inspecting and project documentation for the widening, resurfacing, and improvement of US 1 between 232nd Street to 266th Street. Constructed a bus way with three bus shelters and widened and constructed two bridges with all roadway facilities.

US 441, Florida Dept. of Transportation, District 4, Boca Raton, FL. Senior bridge inspector responsible for inspection and documentation for construction of Atlantic Avenue Bridge and six sound walls.

SR 836/SR 924/SR 874 Widening, Miami-Dade Expressway Authority, Miami, FL. Project engineer/office engineer for the widening, milling, and resurfacing of SR 836 from 107th Avenue to the Palmetto Expressway, SR 924, and SR 874. Responsible for daily inspection, supervision of project staff, construction contract administration, material sampling and testing, and preparation of daily and weekly reports.

Homestead Extension of Florida's Turnpike (HEFT) Improvements Quail Roost Drive to SR 874, Florida's Turnpike Enterprise, Miami, FL. Senior bridge inspector for widening of six bridges with responsibilities for all structural inspection, periodic estimates, report and supervision of all bridge widening.

SR 826 from US 1 to Miller Drive, Florida Dept. of Transportation, District 6, Miami, FL. Project engineer responsible for all structural inspection for this two-mile, \$26 million construction of multi-lane divided highways and all facilities. This project also included six new

bridges and widening to four bridges. Prepared periodic estimates and project reports, and supervised progress of construction.

US 1 Mitigation, Florida Dept. of Transportation, District 6, Dade and Monroe Counties, FL. Project engineer/office engineer responsible for managing and supervising progress of construction and personnel. This project involved four different sites, including the Harrison Tract, C-111 Canal, C-109 Canal, and roadside spoil. Prepared periodic and final estimates.

Turnpike/120th Street and Turnpike/Kendall Drive Interchange, Florida Dept. of Transportation, Homestead Extension of Florida's Turnpike (HEFT), Miami FL. Project engineer for the widening and resurfacing of existing roadway and bridges, construction of four new bridges with MSE walls, and all roadway facilities and toll buildings.

Alligator Alley, Florida Department of Transportation, District 4, Ft. Lauderdale, FL. Project engineer responsible for managing, planning, and supervising progress of construction and personnel. This \$27 million project involved the construction of 10.6 miles of multi-lane divided highway facilities and eight bridges.

I-75/SR 826 Interchange, Florida Dept. of Transportation, District 6, Miami, FL. Project engineer for a \$48 million project which involved the construction of five precast concrete segmental bridges and numerous conventional bridges. Responsibilities included inspection of construction and assembly of prefabricated sections, inspection of post-tensioning and grouting, periodic documentation of job progress, and preparation of final estimates for bridge structures.

Gulf Petrochemical Industrial Complex, Snamprogetti Construction, Bahrain, Bahrain. Quality control engineer/assistant project engineer for this project involving construction of an ammonia methanol, demineralization, desalination, sea water intake plant, and four miles of highway.

Web Construction, Bahrain Government, Bahrain, FL. Project engineer on this project that consisted of the construction of the control house and annex building, responsibilities included layout, estimating, general supervision and coordination of the work force.

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Miguel Rios

Construction and Engineering Inspection



Education

- B.S., Civil Engineering Technology, New Jersey Institute of Technology
- A.A.S., Construction, Essex County College

Certifications

- American Concrete Institute (ACI) Certification
- Concrete Field Testing Technician, Grade I
- Asphalt Paving Construction Technologist, New Jersey Society of Asphalt Technologists (NJSAT)
- Traffic Control Coordinator (TCC)
- NICET II
- NJ Transit Rail Safety
- OSHA-10 Hour

Professional affiliations

- American Society of Civil Engineers

Software

- MicroStation V8
- InRoads
- Geopak
- Microsoft® Office

Mike Rios has more than 25 years of civil engineering experience and specializes in infrastructure highways, bridges, drainage and inspection, and field supervision. He is proficient in MicroStation V8, Inroads, Geopak, and other relevant software. Mr. Rios is knowledgeable of the Manual Uniform Traffic Control Devices (MUTCD), Highway Capacity Manual (HCM), Plans Preparation Manual (PPM) from Florida Department of Transportation (FDO)T, and AASHTO Roadside Design Guide.

Mr. Rios' Atkins project experience includes:

Lainhart and Masten Dam Repairs, 17800 Indiantown Road, South Florida Water Management District, Jupiter, Palm Beach, FL. Lead engineer inspector responsible for the daily inspection, contractor submittal, meeting minutes, scheduling sub-contractor services, and checking contractor invoices. The project involves The Lainhart and Masten Dam repairs project. Scope of work includes the reconstruction of the alluvial ridge on the west side of the Masten dam, in and around an area where water has breached the west river bank and flowing around the sheet piling weir. The procedures involve stripping the eroded bank slopes and removing all debris. It's proposed to excavate and backfill the breach channel in the wet to avoid any potential delays and complications associated with the procurement of dewatering permits and with the discharge of dewatering flows into the river stream.

Prior to joining Atkins, Mr. Rios' experience included:

SR-806 (Atlantic Ave), Florida Dept. of Transportation, Delray Beach, FL. Design engineer responsible for pavement design for the milling and resurfacing, improvement/restoration of sidewalks/ADA ramps, utility coordination, and coordination with landscaping subconsultant. Additionally, provided cost design services including shop drawing reviews, providing responses to RFIs, and minor design adjustments. This project involved resurfacing, restoration, and rehabilitation project from NW 12th Ave. to SR A1A located in downtown Delray Beach.

SR A1A (Ocean Blvd.), Florida Dept. of Transportation, Fort Lauderdale, FL. Design engineer responsible for developing typical sections, pavement design, design of pollution control structures, widening sidewalks, modification of left turn lanes, and utility coordination. Additionally, prepared tree removal permit package and coordinated with geotechnical and landscape sub consultants. This project involved milling and resurfacing from NW 18th Street to Oakland Park Blvd.

SR-811/850 Old Dixie Highway, Florida Dept. of Transportation, West Palm Beach, FL. Design engineer responsible for developing typical sections, the pavement design, remedial work for localized drainage problems, and modification

Miguel Rios, pg 2

of turn lanes and intersection improvements. Additionally, responsible for upgrading existing guard rails and bridge barriers/railings to current FDOT standards, utility coordination, and coordination with landscape sub consultants. This 3R project involved milling and resurfacing from Burns Road to RCA Blvd on SR 811 and from Alt-A1A to US 1 on SR 850.

SR-A1A, Florida Department of Transportation, Boca Raton, FL. Design engineer responsible for the pavement design for the milling and resurfacing, improvement/restoration of sidewalk/ADA, utility coordination, and coordination with the landscaping subconsultant. Also provided post design services including shop drawing reviews, provided responses to requests for information, and minor design adjustments. This project was a resurfacing, restoration, rehabilitation, and widening project from Broward/Palm Beach County Line to Spanish River Blvd., in Boca Raton, Florida.

45th Street from Jog Road to East Haverhill Road, Florida Department of Transportation, West Palm Beach, FL. Project engineer responsible for the geometric design, roadway plans, typical section, and all related CAD work using Geopak. Reviewed design documents and inspected the job site to verify that field conditions had been investigated and clearly represented in the contract documents. This project involved roadway and drainage design for the realignment of the urban arterial with 2-lanes, plus an auxiliary lane in both directions.

Royal Palm Estates, Florida Dept. of Transportation, West Palm Beach, FL. Project engineer responsible for the geometric design, roadway plans, typical section, and all related CAD work using Geopak. Reviewed design documents and inspected the job site to verify that field conditions had been investigated and clearly represented in the contract documents. This project involved roadway widening and drainage design, grading, and geometry design for all eight roads of the project, including a turn-around.

Route 80 over Main St. (CR 509) & Marshall St., MP 58.0 to MP 58.85 Deck Repair, New Jersey Dept. of Transportation, Paterson, NJ. Senior construction inspector responsible for the inspection of the highway work and bridge deck replacement, including header repair, seal joint, waterproof, and concrete spalls. Additionally, responsible for reconstructing the sidewalk, curb, and

variable message signs and lane closure signs utilized throughout the project limits. Bridge deck replacement project that was accomplished in three stages, one travel lane at a time, starting with the right lane, then the center lane, then the left lane on Route 80 westbound remained open to traffic at night.

Route 513 Prospect Street over Morristown Line (NJ Transit), Bridge Replacement, New Jersey Dept. of Transportation, Dover, NJ. Senior construction inspector and office engineer responsible for the inspection and office work for the highway and bridge. Work included pavement, structure design, demolition to the existing bridge, earthwork, shop drawings review, requesting information for RFI, and minor design adjustments. This project included the widening of roadway and replacement of the bridge to provide two 14-foot lanes with 6-foot wide sidewalks on both sides.

Route 18/ Rt. 34 to CR 547 Milling and Resurfacing, New Jersey Department of Transportation, Colts Neck, NJ. Senior construction inspector and office engineer responsible for the inspection of the highway work and office work, including pavement, structure drainage, as-built plans, storm water report, earthwork, shop drawings review, requesting information for RFI, and minor design adjustments. This project involved milling and resurfacing throughout Rt. 18 northbound and southbound directions, including various ramps from MP 18.81 to MP 13.57.

Route 35 Restoration Contract 1, New Jersey Dept. of Transportation, Point Pleasant, NJ. Senior construction inspector and office engineer responsible for the inspection of highway work which included pavement, earthwork, and milling. Work also included the removal of concrete pavement, drainage, utilities, pump station, traffic and landscaping, and improvement/restoration of sidewalks. This was a reconstruction and improvement project from Point Pleasant Township MP 12.5 to Mantoloking MP 9.0.



Diego Clavijo, PMP, PSP

Scheduling, Cost Estimating, and Conflict Resolution



Education

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

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

Software

- Primavera
- Project Planner (P3, P5, P6)
- SureTrak
- Microsoft® Project

Diego Clavijo has 29 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:

General Consultant Districtwide Scheduling and Support Services, Florida Dept. of Transportation, Fort Lauderdale, FL. Project manager for the joint Atkins/FDOT scheduling and support services team, where he is responsible for 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.

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.

Diego Clavijo, pg 2

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 more than 600 projects to forecast the multi-year capital program cash flow expenditures, and the development of a prioritization criteria.

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).

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.

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 instances, has 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.



Praveen Ommi

Scheduling, Cost Estimating, and Conflict Resolution



Education

- M.S., Construction Management, Florida International University
- B.S., Civil Engineering, Nagarjuna University

Certifications

- Certified Estimating Professional (CEP), Association for the Advancement of Cost Engineering International (AACEI), Certificate No. 059, 2008
- Associate Value Specialist (AVS), SAVE International, Certificate No. 200905033, 2009
- Leadership in Energy and Environmental Design Accredited Professional (LEED AP), U.S. Green Building Council (USGBC), 2009

Professional affiliations

- SAVE International/AACE International

Software

- Micro-Computer-Aided Cost Engineering Systems (MCACES)/MII, PACES, PC-Cost, 4Clicks, Primavera, Microsoft Project, Success, On-Screen, RS Means Cost Works, Crystal Ball

Praveen Ommi has 23 years of experience providing project control services for a variety of building, transportation, civil, and marine projects. He has also been involved in project management functions such as marketing, accounting, and the preparation of proposals and other reports. Mr. Ommi has strong expertise in the use of estimating and scheduling software including Micro-Computer-Aided Cost Engineering Systems (MCACES), Primavera, and Microsoft Project. His project experience includes developing cost estimates and schedules from the conceptual stages of a project through final design; participating in value engineering studies, bid analysis, site adaptation, and guaranteed maximum price cost reviews; negotiating with contractors; and reviewing pay applications and change orders for cost and time extensions for various types of projects. He also has extensive experience in providing project control services for toll agencies nationwide.

Mr. Ommi's project experience includes:

Miami-Dade County Expressway Authority GEC (2002-2006), Miami, FL.

Provided cost estimating/construction services for various roadway and building projects.

Other transportation projects include:

- Texas Turnpike Authority—Various roadways, toll, and office facilities
- Minnesota Department of Transportation—Review of Crosstown project cost estimate
- Metro-Dade Transit Authority—Busway extension and US 1 improvements
- CalTrans – SR 52 risk analysis

US 231 Welcome Center, Florida Dept. of Transportation District Three, Chipley, FL.

As part of a GEC contract, provided technical support during selection of the D-B firm and managed the design and construction phases. The welcome center consisted of a 9,000-square-foot, state-of-the-art building with restroom facilities, an information center, juice bar, and brochure racks. The site accommodated cars, trucks, buses, and recreational vehicles. The site amenities included full access from a four-lane divided highway, extensive landscaping, picnic pavilions, stormwater management facilities, and on-site water and wastewater treatment facilities.

New Fire Rescue Administration Building, St. Johns County Fire Rescue Agency, St. Johns County, FL.

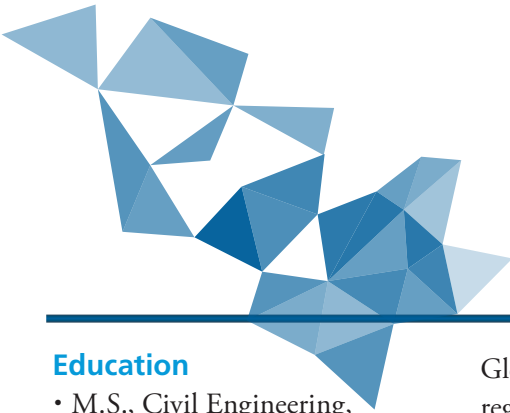
Provided cost estimates for the design of a 20,000-square foot facility to house six functions: administration, operations, logistics, fire prevention, training, emergency management service billing, and backup support for radio communications to the emergency operations center. Atkins provided comprehensive architecture and engineering services including

Praveen Ommi, pg 2

program management and construction administration for this design-bid-build project. Atkins provided construction estimating for this project through all phases of design (i.e. general contractor hard bid was 8 percent less than the estimated cost). Change orders were 1.5 percent of the construction costs.

Bartram Trail Library Expansion, St. Johns County, FL. Provided cost estimates for the 11,658-square foot expansion to accommodate adult reference and nonfiction collections, as well as a teen reading room and meeting room for 25 persons. The form on the addition creates a terminus for the central nave introduced in the original building. Materials and architectural details were selected to complement the existing architecture and the residential scale and style evident in homes of the surrounding neighborhood. Atkins provided comprehensive engineering and architectural services including program management and construction administration for this design-bid-build project. Atkins provided construction estimating for this project through all phases of design (i.e., general contractor hard bid was 2 percent less than the estimated cost). Change orders were 1 percent of the construction costs.

Cost Estimating and Scheduling Services, School Board of Broward County, Broward County, FL. Cost estimating project manager responsible for developing cost estimates and schedule reviews for elementary, middle, and high schools. Some of the projects included construction, repairs, renovations, and additions with task assignments that covered cost estimates and guaranteed maximum price reviews, bid analysis, schedule of values, pay application reviews, and change order reviews for cost and time extension. Services were provided from 1996 to 2008 for more than 200 school projects (new and renovations) for over \$1 billion in construction costs.



Glenn Myers, PE

Structures and Bridge Design



Education

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

Registrations

- Professional Engineer: Florida 32644

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
- Florida Institute of Consulting Engineers
- Transportation Builders Association Subcommittee
- Concrete Institute
- American Welding Society

Registrations

- Professional Engineer: Florida 32644

Glenn Myers is the principal technical professional for structures design. He is a registered professional engineer and a former Florida 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, constructability, 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, FDOT, and other transportation authorities.

Mr. Myer's Atkins project experience includes:

I-75 Bridges over Alligator Creek, Charlotte County, FL. Lead structures engineer for this FDOT GEC assignment responsibilities included an in-depth overview of deck rehabilitation versus replacement, including impacts due to traffic control.

I-4 Rest Areas, Polk County, FL. Lead engineer for this FDOT GEC assignment to evaluate constructability issues regarding the steel truss roof framing system of two rest areas. Assignment involved assessing validity of contractor claim and concluding that the claim was invalid, a conclusion upheld by FDOT's Central Office.

Miami-Dade Expressway Authority (MDX) Expansion Program, Miami, FL. As GEC structures manager for this multi-billion-dollar expansion program, responsibilities included oversight of the structural design consultant program, beginning with development of project concepts, development of project scopes for both traditional design-bid-build and design-build interchange projects, development of standard details for bridge aesthetics and retaining walls for the entire corridor, and design reviews for all of the bridges within the program.

Palmetto Expressway Improvement Program (SR 826), Miami, FL. GEC structures manager responsible for the development of the superstructure and substructure concepts and design reviews for the 100 bridges in the 17.4-mile project as well as the development of structure standards for bridge aesthetics, noise attenuation barriers, and retaining walls for the entire corridor. The concept studies culminated in the production of Bridge Development Reports for more than 80 bridges. The highlight of this project is the four-level interchange at the Palmetto and Dolphin Expressways, the total scope of which includes 49 bridges.

Glenn Myers, PE, pg 2

Orlando-Orange County Expressway Authority (OOCEA) Initial Expansion Program, Orlando, FL.

GEC structures manager for this half-billion-dollar expansion program, responsibilities included oversight of the structural design consultant program, beginning with the development of structures design guidelines (developed prior to FDOT version), the development of standard details for bridge aesthetics and retaining walls for the entire corridor, and design reviews for all of the bridges within the program. Project pioneered the use of mechanically stabilized earth (MSE) walls over compressible soils in the Orlando area.

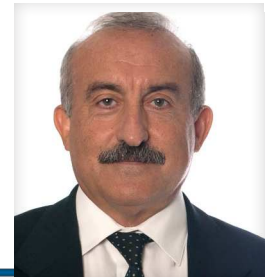
Palmetto Expressway Improvement Program (SR 826), Miami, FL.

GEC structures manager responsible for the development of the superstructure and substructure concepts and design reviews for the 100 bridges in the 17.4-mile project as well as the development of structure standards for bridge aesthetics, noise attenuation barriers, and retaining walls for the entire corridor. The concept studies culminated in the production of bridge development reports for more than 80 bridges. The highlight of this project is the four-level interchange at the Palmetto and Dolphin Expressways, the total scope of which includes 49 bridges.



Selcuk Yetimoglu, D.A., PE

Structures and Bridge Design



Education

- D.A., Civil and Structural Engineering, University of Miami
- M.S., Civil and Structural Engineering, University of Miami
- B.S., Civil and Structural Engineering, Istanbul Technical University

Registrations

- Professional Engineer: Florida 38168

Certifications

- TxDOT Precertified, ESN 1934

Professional affiliations

- American Institute of Steel Construction (AISC)
- American Society of Civil Engineers (ASCE)
- Civil Engineering Honor Society, University of Miami

Selcuk Yetimoglu has 33 years of experience as senior bridge engineer and project manager for structural design projects. His general duties include providing bridge design, production support services, project management, and supervision of technical support staff in the preparation of contract plans and quality control reviews.

Dr. Yetimoglu's project experience includes:

I-95 Interchange Operational Improvement in Broward and Palm Beach Counties, Florida Department of Transportation, District Four, FL. Senior bridge engineer currently working on the final design of the structures at the Hypoluxo and 10th Avenue North Interchanges, as Engineer-of-Record. This is a design-build project for the widening of the bridges, including the replacement of concrete handrails and placement of concrete barriers in front of the existing sidewalk. AASHTO prestressed concrete beams and steel H piles are utilized. Load rating of the existing bridges was performed. The project also includes steel sheet pile walls with concrete facing.

I-95/SR 9 from SR 614/Indrio to Indian River/St. Lucie County Line, Florida Department of Transportation, District Four, Broward County, FL. Project engineer responsible for the preparation of the preliminary bridge plans, as an attachment to the design-build request for proposal (RFP) package, for widening of AASHTO prestressed concrete bridges carrying I-95 over Indrio Road. The existing twin bridges have four variable spans with an overall length of 280 feet. He is also involved with the preparation of the RFP package and the reviews of the final plans and shop drawings.

I-95 from SR 70/Okeechobee Rd. to SR 614/Indrio Rd./St. Lucie County, Florida Department of Transportation, District Four, Broward County, FL. Senior bridge engineer for this design-build project for the widening of the interstate facility from four to eight lanes. He was also involved with shop drawing reviews. He is the Engineer-of-Record for the design of cantilever and overhead sign structures for this project. The structural portion of the project consists of widening of three twin bridges and replacement of one twin bridge over I-95 along with numerous permanent and temporary MSE walls, noise walls and sign structures. Florida I Beams (FIB) have been utilized for all bridges, except for the widening of the steel girder bridge.

SR 510/Wabasso Causeway Bridges Over Indian River Lagoon / Indian River County, Florida Department of Transportation, District Four, Broward County, FL. Project engineer responsible for the preparation of the bridge repair plans for three prestressed concrete AASHTO bridges over Indian River Lagoon and was involved with the post design. The bridges are 41 feet wide with two lanes

Selcuk Yetimoglu, D.A., PE, pg 2

and sidewalks. Two of the bridges are 200-foot-long (4 spans) and the middle bridge is 1350 feet long (27 spans). A cost comparison, including life cycle cost analysis, was performed for different alternatives, including the bridge replacement alternative. Delaminations were identified by thermal infrared image analysis. Repairs include pile jacketing and cathodic protection.

SR 808/Glades Road Improvement Design Services, Florida Department of Transportation, District Four, Broward County, FL. Structural task manager for a resurfacing, restoration, and rehabilitation (RRR) project that widened the existing concrete bridges on Glades Road over Military Trail (5 spans, 259 feet long) and I-95 (4 spans, 287 feet long) including the replacement of concrete handrails and the accommodation of new sidewalks. Load rating of the existing bridges was performed. Bridges were analyzed using enhanced sectional analysis and modified compression field theory for the development of shear capacities in conjunction with AASHTO Standard Specifications to provide an inventory rating factor meeting acceptable criteria for both the existing and proposed configurations.

Dixie Highway (CR-811) over FEC Railway and Hillsboro Canal, Florida Department of Transportation, District Four, Broward/Palm Beach County, FL. Project engineer responsible for the preparation of the concept plans (60% complete) for the design-build package for a 1,394-foot-long curved continuous steel bridge over the FEC railroad, a 220-foot-long single span steel box pedestrian bridge and a 215-foot-long three span bridge over the Hillsboro canal, using Florida I Beams. Actively involved in the preparation of the design-build request for proposal (RFP) package and review of the technical proposals.

General Consultant for Plans Review and Design Support Services, Florida Department of Transportation, District Four, Broward County, FL. Served as senior structural engineer, performing consultant plans reviews for structures submittals and posting comments onto the ERC database. He also reviewed design-build RFP packages.

I-4/Lee Roy Selmon Expressway Interchange, Florida Department of Transportation, District Seven, Tampa, FL. Structural project engineer providing design, plans production, and quality control support on the final design of the curved steel box flyovers. Dr. Yetimoglu also reviewed the shop drawings for the post-tensioned concrete segmental units (winning alternative) and was involved in developing the as-built plans for the sign structures. The project consisted of an expressway-to-expressway connection between Interstate 4 and Lee Roy Selmon Expressway (LRSE), and includes 25 bridges with a major interchange with the LRSE. The project incorporated alternative designs for a majority of the structures, and concrete bulb-tee superstructure systems. Four AASHTO beam bridge replacements were also part of the project as well as numerous sign and mast-arm structures.

Fort Lauderdale-Hollywood International Airport Terminal Access Roadways, Broward County Aviation Department, Fort Lauderdale, FL. Project engineer involved with the design and plans preparation of the upper deck structure. The project involved the final design of a 1,400-foot-long extension of the existing upper deck structure for the new terminal with AASHTO beams placed perpendicular to traffic. Involved with the preparation of a design-build package for further extension of the upper deck with two ramp bridges, six bridges, and 11 walls in the proposed multilevel interchange.

Expansion Program, Hollywood-Fort Lauderdale International Airport, Broward County, FL. Involved with design and production of three bridges with a complex geometry as part of this design-build project. Responsible for the supervision of design calculations and quality control. Bridges were designed using AASHTO prestressed concrete beams supported by auger cast pile foundations. The length of the bridges varied from 250-500 feet and the number of spans varied from 2-4.



Hector Lopez, PE

Structures and Bridge Design



Education

- M.S., Civil Engineering, University of Puerto Rico, Mayaguez
- B.S., Civil Engineering, Universidad del Valle - Cali, Columbia

Registrations

- Professional Engineer: Florida 70792

Professional affiliations

- American Segmental Bridge Institute
- Florida Engineering Society
- American Society of Civil Engineers

Software

- Mathcad
- Visual Basic (for applications)
- ESap2000
- CSI Bridge
- Leap Bridge
- STAAD Pro
- FB-Multiplier
- Autocad
- Bentley Microstation

Hector Lopez has 12 years of engineering experience involving the analysis, design, and inspection of reinforced concrete, pre-stressed concrete, and steel bridges as well as retention structures. His skills include performing structural design and analysis of bridges, buildings, marine and port facilities, retaining walls, sign support structures, and other miscellaneous structures. Mr. Lopez also performs site inspections, prepares quantity take-offs, reviews fabrication shop drawings, prepares drawings using CAD, and performs other design-related functions.

Mr. Lopez's project experience includes:

New River Greenway Travelway Crossing Phase III Design Services, Broward County, Ft. Lauderdale, FL. Senior engineer responsible for the preparation of construction plans for a pedestrian bridge and retaining walls. Pedestrian bridge at the New River Greenway Shared Use Travelway connecting the greenway south of New River to the parks and the community on the north side of New River. The pedestrian crossing will be located at west of SR 7. This includes a new, approximately 200-foot-long pedestrian bridge, with a ramp toward the west on the south side and a switchback ramp on the north side.

GEC Production Reviews and Other Support, Florida Department of Transportation, Florida's Turnpike Enterprise, Various Locations, FL. Senior engineer providing plans and calculation reviews for the different submittals of design-build projects and other miscellaneous support to Florida's Turnpike Home Office.

I-95 Interchange Operational Improvement, Florida Department of Transportation, District Four, Broward and Palm Beach Counties, FL. Responsible for the revision of designs and load rating calculations performed by other engineers as part of the design-build project for the widening of the bridges, including the replacement of concrete handrails and placement of concrete barriers in front of the existing sidewalk. American Association of State Highway and Transportation Officials (AASHTO) prestressed concrete beams and steel H piles are utilized. The project also included steel sheet pile walls with concrete facing.

Mall of San Juan Roadway Improvements to PR-8 and Calle Marginal, Taubman Centers, Inc., San Juan, PR. This project involved the design and construction of two new vehicular bridges and the extension/relocation of one pedestrian bridge, as part of the improvements for the widening of Ramal 8 (PR-8) from a 4-lane undivided urban section to a 6-lane divided highway including two westbound "turbo" lanes, reconstruction of PR-17 northbound ramp onto PR-8 eastbound, and construction of all internal roadways of the development. Involved in the design of the bridge structures, where both prefabricated and CIP components were used in order to reduce the construction schedule (AASHTO

Hector Lopez, PE, pg 2

beams, voided slab beams, and custom u-shape post-tensioned beam).

SR 808/Glades Road Improvements Design Services, Florida Department of Transportation, District Four, Boca Raton, FL. This project involved the widening of the AASHTO beam bridges (eastbound and westbound) along Glades Road over I-95 and Military Trail. Responsibilities included the load rating of the new configuration of the widened bridge.

I-95 Design-Build SR 70 to SR 614, Florida Department of Transportation, District Four, St. Lucie County, FL. Structural engineer responsible for performing load rating calculations of the existing and widened structure, substructure design, geometry calculations and plans production coordination. This project involved improvements to I-95 from SR 70 (Okeechobee Boulevard) to south of SR 614 (Indrio Road). Atkins is designing the widening of more than ten miles of freeway, including two interchange modifications. Eight structures were widened using Florida I-Beams, with six new structures to be designed. The project's construction estimate is approximately \$95 million.

SR 874 Design-Build, Miami Dade Expressway Authority, Miami, FL. This project consists of roadway improvements along SR 874 (Don Shula Expressway) from Kendall Drive to SR 826 (Palmetto Expressway in Miami-Dade County). This is a design-build project and includes roadway reconstruction and widening, signalization, structures, signing and pavement marking, environmental, geotech, lighting, noise walls, and drainage. Responsibilities included the load rating of the new configuration of the widened bridge, design of substructure and superstructure (Florida I-Beams) components, and performing miscellaneous calculations.

Complex Bridge Ratings Analysis, Minnesota Department of Transportation, Office of Bridges and Structures, Oakdale, MN. This project consisted of a 500-foot-long, three-span bridge with four steel box girders in cross section. Responsible for the load rating of the bridge, developed structural models, and performed the load rating of the superstructure. The bridge was rated for AASHTO and Minnesota permit trucks using LRFR methodology.

Program Management Consultant 2008, Miami Dade Transit, Miami, FL. A finite element analysis was performed to investigate the effects of the warping torsion on the stresses of Double-T prestressed beams that are currently used in the Miami Dade Metrorail System. The analysis determined the effects of increased vehicle weight and reduced headways in the remaining design life of the metrorail bridges. Responsible for the generation and analysis of the 3-D finite element models for the double-T beams.

I-4/Lee Roy Selmon Connector Interchange, Florida Department of Transportation, District Seven, Tampa, FL. This project consists of an expressway-to-expressway connection between I-4 and the Selmon Expressway, that includes 25 bridges. During the design stage, responsible for preparing 3-D support drawings, performing geometry design calculations, design of superstructure to substructure connection components, design of end bents, and miscellaneous quality control checks. During construction, responsible for shop drawing review of temporary and permanent walls, box girder post-tensioned concrete segments (segmental construction), and miscellaneous designs.



Arthur Wolek, PE Structures and Bridge Design



Education

- M.S., Civil Engineering, University of Pennsylvania
- B.S., Civil Engineering, Rensselaer Polytechnic Institute

Registrations

- Professional Engineer: Florida 69604, New York 075881

Certifications

- Florida Department of Transportation Certification QC Manager

Software

- LARSA
- ANSYS
- STAAD.PRO
- GTSTRUDL
- SAP2000
- CONSPAN
- MathCad
- MDX
- RC-PIER
- PCACOL
- L-Pile
- FB-Pier
- CivilFEM
- XTRACT
- CSiBridge
- RMBRIDGE
- RISA-3D
- @RISK

Professional development

- Construction Project Management, NYU-Poly, New York City, NY, 2006

Arthur Wolek has more than 25 years of bridge analysis, design, inspection, and construction engineering experience. His design experience includes superstructure, substructure, and foundation design. Mr. Wolek has performed analyses on many bridge types and has managed teams of engineers tasked with performing assessments and analyses on very large structures, including the New York State Thruway's Tappan Zee Bridge. Mr. Wolek has led several bridge condition inspections and has served as a construction engineer on diverse bridge projects, including segmental bridges, elevated light rail guideways, and heavy rail structures. He has experience in all phases of bridge engineering, including conceptual and final designs, cost estimating for bridge alternatives, construction support and management, as well as performing condition evaluations, widening, and bridge retrofit designs.

Mr. Wolek's Atkins project experience includes:

Greater Orlando Aviation Authority, South Terminal C Phase I Landside Civil, Orlando International Airport, Orlando, FL. As subconsultant to the prime architect, Atkins is responsible for the landside civil engineering associated with the new South Terminal C Phase I. The project includes the design and construction of a new 16-gate airside terminal, landside terminal, expansion of the South APM parking garage, commercial curb, access roadways to the new facilities, new enplane/deplane roadway structure, site grading, stormwater drainage, new utilities, and the relocation of existing utilities. Mr. Wolek was responsible for the design of the enplane/deplane dual level bridge structure.

Flood Elevation Evaluation on Bridges, Florida Department of Transportation District 2. This project required a scour and structural evaluation of 32 existing bridges based on 100-year and 500-year flood events. This process would allow FDOT to determine the hydraulic conditions under which the bridges would need to be closed to traffic. Mr. Wolek was responsible for the structural evaluation of the vulnerable bridges.

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

Parsons, New York, New York; Orlando, Florida; Ft. Lauderdale, Florida. Principal engineer/senior project engineer/construction project manager, 7/2006-12/2015. Mr. Wolek was responsible for performing various bridge engineering tasks, including the design and analysis of complex structures. Additionally, Mr. Wolek was the lead designer for segmental structures on several large design-build project proposals, including Metro de Panama Linea 1 in the Republic of Panama and the Bonner Bridge replacement project in North Carolina. Mr. Wolek has also served as a construction project manager on a major bridge/tunnel construction project.

Arthur Wolek, PE, pg 2

SR 417/Boggy Creek Road Interchange, Central Florida Expressway Authority, Orlando, FL. The new SR 417 and Boggy Creek Road interchange was the first project in Florida to incorporate spliced post-tensioned curved precast concrete U-girders. The horizontally curved superstructure was originally designed with both steel trapezoidal box girders and precast concrete curved U-girder alternates. The two ramps feature precast concrete curved U-girders and several precast concrete spans ranging in length from 141 to 216 feet, with a total structure length of 4,119 feet. Mr. Wolek was responsible for designing the precast U-girder superstructure components.

Fort Lauderdale-Hollywood International Airport Runway 9R-27L, Broward County Aviation Department, Broward County, FL. Airport runway expansion project to expand runway 9R-27L to 8,000 ft. and widen it by 50 feet for a total width of 150 feet. Expanded runway and taxiway structures are built over US-1 and FEC rail lines. Mr. Wolek was the construction project manager responsible for oversight of construction and inspection of the concrete structures, including a significant amount of life-safety components that accompany tunnel construction.

Lee Roy Selmon Expressway Deck Replacement and Bridge Widening, Tampa Hillsborough Expressway Authority, Tampa, FL. This project included managing and providing final design services for the deck replacement and bridge widening of the Lee Roy Selmon Expressway Downtown Viaduct owned by the Tampa Hillsborough Expressway Authority. Traffic flow on the Expressway was maintained throughout construction. Parsons managed eight subconsultants in delivering this project by the design-build delivery method as a subconsultant to Granite Construction Company. Mr. Wolek was responsible for the design of the widening of the steel girder spans. Mr. Wolek also provided technical support for the design of substructures, foundations, and the widening of the pre-stressed girder spans.

SR 423/434 John Young Parkway Extension from Shader Road to Weston Lane, Florida Department of Transportation, Orlando, FL. This design-build project included two curved steel I-Girder structures with boxed cross girders supporting the curved main girders with an integral connection. Mr. Wolek was responsible for performing an independent engineering peer review on

all major superstructure, substructure, and foundation components.

Miami Mover Automated People Mover, Miami-Dade Aviation Department, Miami, FL. The Miami Mover Automated People Mover (APM) System at Miami International Airport (MIA) is a \$259 million, 1.27-mile automated people mover that connects the Miami Intermodal Center (MIC) to the MIA main terminal. The MIA Mover system is an automated, rubber-tired people mover that operates on dual elevated guideways supported on concrete piers spaced at approximately 120-foot centers. Foundations consist of either auger-cast piles or drilled shafts depending on service and access limitations. Conventional reinforced concrete hammerhead piers support standard FDOT I-beams. Certain locations required special substructures including cantilever piers and straddle bents. Mr. Wolek served as the principal engineer responsible for the design of post-tensioned substructure and foundation components.

North Corridor Metrorail Extension, Miami-Dade Transit, Miami, FL. The project involved the design for the North Corridor Metrorail Extension of the Miami heavy rail system. The 9.5-mile elevated, double track rail extension included seven stations serving the NW 27th Avenue corridor, northern Miami-Dade County, Opa-Locka, Miami Gardens communities, Miami-Dade College North, the Calder Race Track, and Dolphin Stadium. Mr. Wolek served as lead engineer for the advanced design of special structures, including long-span guideway units, straddle-bent and cantilever piers, and drilled shafts.

Lichtenstein Consulting Engineers, New York, New York, Senior Project Engineer, 2001-2006. Mr. Wolek was involved in several large-scale bridge condition assessment and inspection projects. He managed and worked with a team of engineers on projects involving the Tappan Zee and Goethals bridges under the guidance of the company's chief engineer. Mr. Wolek performed highly specialized engineering work, including a wind load analysis on a major suspension bridge tower during rehabilitation, as well as a site-specific truck load investigation on two major suspension bridges. Additionally, he provided construction engineering support during the rehabilitation of two truss bridges on the New York State Thruway.



Steven Shaup, PE Sr. Structural Engineer

Mr. Shaup is experienced in the new design, rehabilitation, analysis and inspection of all types of fixed and movable bridges. He has served as a project manager, project engineer, structural engineer or senior inspector for numerous inspection, load rating, rehabilitation, new design and miscellaneous services projects, many including complex and movable bridges. Mr. Shaup has also been a participant in the firm's forensic engineering projects. He is an experienced technical specifications writer and is well-versed in various modes of project delivery, including FDOT electronic delivery. Mr. Shaup has authored papers and made presentations at conferences on several movable bridge topics.

DW Structural Project Minor Design, FDOT District 6

TranSystems provided a wide range of services to assist in project-related tasks. Numerous TOWs for the review of plans prepared by others were completed, as well as providing in-house personnel for shop drawing review, design, and CADD support for the District's own design work. Steven worked in-house as structural engineering support staff for shop drawings and plans review.

DW Miscellaneous Bridge Design/Movable, FDOT District 2

TranSystems provided diversified services on a Task Work Order basis as an extension of the District's staff. TOWs included construction documents for crash wall to protect the pile bents of bridges carrying SR 9/I-95 over FECR and field inspection/load rating for a historic truss swing span, including gusset plates. Steven was the Project Manager.

DW Minor Miscellaneous Bridge Design, FDOT District 2

Project Manager. Some of the tasks TranSystems completed under this contract included preparation of a detailed 3D model of the Dames Point Bridge main spans to determine cable forces, calibrated using cable lift-off forces from construction, deck surveys, and as-built plans. We completed a load rating of the entire bridge using the model.

Districtwide Sign Inspections, FDOT District 6

Mr. Shaup has served as an inspection team leader and Project Manager over multiple cycles of inspections of overhead sign structures on state routes throughout Miami-Dade and Monroe Counties. TranSystems is currently completing work on the 2015-2017 cycle of inspections, which includes 198 cantilever, span, and strain pole sign structures, using BrM/BMS software.

Asset Management for Movable Bridges, FDOT District 6, Florida Drawbridge Inc., Asset Manager

TranSystems was the sub-consultant to Florida Drawbridge, performing all bridge inspections and reporting services, for this contract to inspect and maintain 15 bascule bridges within the District. Inspection of the bascule bridges includes structural, mechanical, electrical and underwater inspections every two years, with electrical and mechanical components inspected every year. The firm is also on call for emergency inspections, post rehabilitation inspections, post repair inspections and miscellaneous design services. Mr. Shaup served as Project Manager for the project, responsible for all TranSystems activities including signing and sealing the final inspection reports.

Registrations

Professional Engineer: FL, GA, MS, OK, TX

Education

M.S.E., Structural Engineering,
University of California Irvine, 1993
B.S.C.E., Structural Engineering,
University of California Irvine, 1992

Training

NHI Safety Inspection of In-Service Bridges
NHI Fracture Critical Inspection Techniques for
Steel Bridges
NHI Inspection and Maintenance of Ancillary
Structures
FDOT Advanced Maintenance of Traffic
Refresher

Years of Experience

24

Years with Firm

24



Districtwide Local Government Bridge Inspection, FDOT District 6

Mr. Shaup was Project Manager for comprehensive structural, mechanical and electrical inspection services for the routine and fracture critical inspections of 11 swing and bascule bridges located throughout Miami-Dade and Monroe counties as part of the 2013-2015 cycle of the local government bridge inspection program. The local government bridge inspection program is administered by the state and facilitates the inspection of bridges owned by counties, cities and other local agencies. Mr. Shaup was responsible for all TranSystems activities, including signing and sealing the final inspection reports.

Local Government Bridge Inspections, FDOT District 2

Mr. Shaup served as Team Leader for this project which includes the routine (two year) inspection of approximately 655 bridges within FDOT District 2 and over 350 combined initial, underwater, interim and special inspections and load ratings of the lot. Structures include: Concrete and steel culverts; Timber structures; Steel and concrete substructures and superstructures; Single and multiple span structures; and Structures requiring traffic control for inspection. Some inspections include using a boat and/or snooper access. TranSystems provided quality control services for the inspection and report preparation for the bridges.

Florida's Turnpike South System Inspections, Florida Turnpike Enterprise

Mr. Shaup served as an assistant team leader, Team Leader, and Senior Structural Engineer for six consecutive cycles of this biennial, safety inspection of all Turnpike owned bridges, overhead sign structures, and weathering steel high mast light towers from the southernmost terminus (mile post 0.0) of the Turnpike to mile post 200, and the Sawgrass Expressway. Mr. Shaup was a team leader over three cycles of the project and performed internal QA inspections on later cycles.

Asset Management for Movable and Fixed Bridges, FDOT District 4, Broadspectrum, Asset Manager

Mr. Shaup served as a Senior Structural Engineer and Senior Inspector for this project. TranSystems served as a sub-consultant to Broadspectrum for this FDOT District 4 asset management contract, responsible for the inspection and evaluation of thirty-seven bascule bridges with fixed approach spans, seventy-four fixed bridges, which includes three culverts, and one tunnel located east of US-1 throughout the District. The bridge inventory includes fourteen high-level segmental concrete box girder bridges. Routine inspections, which include underwater inspections, are performed on a biennial basis for all bridges. Inspections of the movable spans portions of the bascule bridges are done annually.

Asset Management for Movable Bridges, FDOT District 5, Broadspectrum, Asset Manager

TranSystems was the sub-consultant to Broadspectrum for the asset management of FDOT District 5 movable bridges, responsible for the inspection and on-call engineering for eight bascule bridges with fixed approach spans. Routine inspections, including underwater inspections, are performed on a biennial basis and inspections of the movable spans are done annually. The firm was also on call for emergency inspections, post rehabilitation inspections and miscellaneous design services. Mr. Shaup served as Project Manager and also a Senior Structural Engineer for this project. He was responsible for all TranSystems activities including signing and sealing final inspection reports.

Emergency Hurricane Damage Assessment, Florida DOT District 4

As part of this emergency contract TranSystems performed post-storm assessment of structures and designed the replacement of 19 sign structures damaged by Hurricane Wilma, as well as the replacement design of two high mast light poles and repair of mast arm assemblies. Also included in this contract was the repair design of sign structures damaged by Hurricane Katrina. TranSystems was also responsible for the damage assessment of over 20,000 light poles and hands-on structural assessment of more than 600 overhead highway signs in Broward, Palm Beach and Martin counties.

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Claudio Fazio, PE Structural Engineer

Mr. Fazio is experienced in the analysis and design of bridges, including new and historic structures and the repair, rehabilitation and widening of existing bridges. He has been the designer on projects varying from historic bridges, rail terminals, canals and locks to local bridges and major expressway structures.

Districtwide Structures Design & Review, FDOT District 6

Project Engineer for this project to provide support to the District for a wide range of engineering and technical services to assist in numerous project related tasks. This contract includes tasks performed on an on-call basis, including tasks on short notice. Tasks assigned under this contract have been performed in-house or at the District 6 office. More than 90 task orders have been assigned under this contract, including Plans Review for the SR 826 Palmetto Expressway Improvement Project and the I-95 Managed Lanes projects. Claudio worked in-house on value engineering teams.

Contracts P100.233 & P100.297: GSP Bridge Deck Reconstruction Program, NJ Turnpike Authority

Senior bridge engineer for the design of this \$75 million project involving complete deck and superstructure replacements at 15 GSP bridges. An extensive evaluation of Accelerated Bridge Construction (ABC) methods was conducted. ABC methods such as precast concrete deck panels, precast steel grid decks, and prefabricated concrete steel composite superstructure units were evaluated. Decks were designed per AASHTO LRFD Design and the NJTA Design Manual. Final design included extensive use of ABC methods including deck replacements with precast deck panels, prefabricated superstructure units as well as CIP concrete.

188th Street Bridge over Grand Central Parkway, NYSDOT, New York, NY

Senior bridge engineer for the rehabilitation of the 188th Street Bridge. TranSystems is utilizing Accelerated Bridge Construction techniques for the rehabilitation of 188th Street Bridge crossing the Grand Central Parkway. The bridge deck will be demolished and replaced over the course of four weekends with the bridge fully opened to traffic during weekdays. The new deck will be comprised of precast deck panels that are composite with the existing steel girders utilizing Ultra High Performance Concrete (UHPC). Although the existing steel girders are simple spans, the deck panels will be made continuous for live load, utilizing a link slab detail. The design also includes updated bridge load ratings, bridge fatigue strengthening, bridge seismic retrofitting and strengthening, bridge superstructure and substructure rehabilitation design and ROW survey and mapping, water main replacement, tree survey and landscape restoration, hazardous materials abatement, approach roadway reconstruction, roadway and underbridge lighting design, and work zone traffic control design. Construction staging is also being performed to allow for the ABC work to be completed on schedule. Strong coordination is required with various local communities, the city, state and federal agencies. TranSystems will provide NYSDOT with construction support services to complete shop and working drawing reviews; responses to contractor questions and will serve as a technical advisor.

Grand Central Terminal Leak Remediation, Metro North Railroad, New York, NY

Construction Engineer assisting Metro North and the Resident Engineer during construction by providing technical advice, defining and interpreting the plans and specifications, partaking in construction progress meetings, responding to RFI, reviewing shop drawings, performing field investigations, design of miscellaneous steel repairs, coordinating with subconsultants and other construction management services for the project.

Registrations

Professional Engineer: FL, IL, NJ, NY

Education

M.S. Civil Engineering,
University of Illinois at Chicago, 1998
B.S., Civil Engineering,
University of Illinois at Urbana-Champaign,
1996

Affiliations & Memberships

American Institute of Steel Construction

Years of Experience

20

Years with Firm

3



Mill Street Bridge Rehabilitation, Tivoli, NY

Structural Design Engineer for the superstructure replacement and complete rehabilitation of the Mill Street Bridge in Tivoli, New York. Due to local interest in retaining the bridge's historic character, various proposed superstructure materials were analyzed to develop a replacement feasibility report and cost estimates. Bridge and highway design services included preparing a design report, environmental assessment, topographic surveying, right-of-way plans, public information meetings, maintenance of traffic and construction management. TranSystems will provide the County with construction support services to complete shop and working drawing reviews; responses to contractor questions and technical advisor to Dutchess County.

Replacement of the Hollow Road Bridge, Poughkeepsie, NY

Structural Design Engineer for the complete replacement of this 1931 stonework bridge. Due to local interest in retaining the bridge's character, various proposed superstructure materials were analyzed in developing a replacement feasibility report and cost estimates. Comprehensive bridge and highway design services included a design report, environmental assessment, topographical survey, right-of-way plans, maintenance of traffic, participating in public meetings and construction management. TranSystems will provide the County with construction support services to complete shop and working drawing reviews; responses to contractor questions and technical advisor to Dutchess County.

AMTRAK Race Street Engine Pit Rehabilitation, Philadelphia, PA

Design Engineer for the preliminary design and cost estimate to upgrade and repair the existing Race Street Engine Pit and bring the engine pit into compliance with Amtrak's current design standards. The concrete pit retaining walls and adjacent concrete walkways will be replaced. The I-beam rail support columns will be cleaned, repaired, and painted. Utilities will be identified and relocated as required, including the pit lighting. The damaged and missing wind break wall will be replaced with pressure treated lumber and corrugated sheet metal for the entire pit length.

Metra / Create P1 – Englewood Flyover, Chicago, IL

Construction Inspection Engineer for the \$141 million dollar project which involves the construction of one double track and one single track bridge carrying the Metra Rock Island District trains over the Norfolk Southern Railway and the Dan Ryan Expressway. The project eliminates an existing interlocking serving 138 commuter, passenger and freight trains daily. Daily duties involve inspecting construction activities, recording as built quantities and assuring all construction is done per the applicable specifications and plans for the project.

Jane Addams Memorial Tollway (I-90) Widening and Reconstruction, IL

Structural Design Engineer for Phase II engineering services required to remove and replace IL 25 over I-90, IL 25 Ramp over I-90, and Bartlett Road over I-90. IL 25 over I-90 is a 2-span structure with a total length of 270 feet and an out to out width of 82'. The bridge is a 54" PPC Bulb-T beam (Wisconsin Shape) bridge on a horizontal curve with semi-integral abutments supported on drilled shafts and a grade separation pier supported on piles. The bridge was designed using stage construction with a closure pour. IL 25 ramp over I-90 is a 2-span structure with a total length of 270 feet and an out to out width of 74'. The bridge is a 54" steel plate girder bridge with semi-integral abutments supported on drilled shafts and a grade separation pier supported on piles. The bridge was designed using stage construction. Bartlett Road over I-90 is a 2-span structure with a total length of 247 feet and an out to out width of 48'. The bridge is a 54" PPC Bulb-T beam (Wisconsin Shape) bridge with semi-integral abutments supported on drilled shafts and a grade separation pier supported on piles. Also, 10 different retaining walls were designed with the most complex being a soldier pile wall with permanent ground anchors.

P#100053057.JP.0118

ARACELY ANDOLLO-SOTO
Utility Coordination Manager



Experience Highlights

22 years of experience in utility coordination

Education

B.S. Civil Engineering, Florida International University, 1998

Associate in Arts, Miami-Dade College, 1993

Certifications

Utility Coordination Certification, Florida Utility Coordination Committee (FUCC) 2014

- FUCC "Utility Coordination Certification – Design" Module
- FUCC "Utility Coordination Certification – Cost Estimating & Billing" Module
- FUCC "Utility Coordination Certification – Coordination" Module

American Public Works "Introduction to Damage Prevention and Safety"

FDOT "Advanced Work Zone Traffic Control"

FDEP "Storm Water, Erosion, & Sedimentation Control Inspector"

Professional Affiliations

APWA, member since 1998

ASCE, member since 1998

Ms. Andollo-Soto has 22 years of experience in the area of utility coordination, for both design-build and traditional design-bid-build projects. She has worked predominantly with FDOT Districts 4 and 6, Turnpike Enterprise, MDX and Miami-Dade County. She has extensive experience in permitting through municipal and governmental agencies such as Water & Sewer Departments, Department of Environmental Resources Management, South Florida Water Management District, Florida Department of Environmental Protection, Department of Health and other State and federal agencies. Ms. Andollo-Soto has also managed the construction phase of a project including RFI's, review and processing shop drawings and coordination among clients, contractors and Engineers of Record.

PROJECT EXPERIENCE

Districtwide Utility Coordination Production Support, FDOT District 4: This project involved utility coordination for various roadway projects within FDOT District 4. Ms. Andollo-Soto served as the Lead Utility Coordinator, supervising tasks including all phases of negotiation and relocation of electric, telecom/cable, water/sewer and gas/fuel utilities impacted by FDOT projects. She provided these services in accordance with FDOT's standards, policies and procedures; and is familiar with FDOT's utility agreements with vendors and utilities such as: Florida Power & Light Distribution, Transmission and FiberNet; Comcast, AT&T/Bellsouth, Verizon, Level 3 Communications, Qwest Communications, Sprint/Nextel, Broward County Water & Wastewater, Indian River County Utilities, Martin County Utilities, Palm Beach County Utilities, St. Lucie County Utilities, City of Ft. Lauderdale, City of Oakland Park, City of Pompano Beach, City of Port St. Lucie, City of Riviera Beach, City of St. Lucie, City of Sunrise Water & Sewer, City of Tamarac, City of Wilton Manors, City of Vero Beach Water & Sewer, Florida Gas Transmission, Crown Castle, Fiberlight, Hotwire, Windstream, XO Communications and others. *Contact: Mr. Tim Brock (954) 777-4125; (2015 – 2017).*

Districtwide Utility Coordination Services, FDOT District 6: FRA has been providing utility coordination for various roadway projects in FDOT District 6 under two consecutive on-call service agreements. For the initial contact in which Ms. Andollo-Soto served as Utility Coordinator, FRA received between a 4.0 and 4.7 composite grade. She is currently the Lead Utility Coordinator in FRA's subsequent contract with consistent 4.0 interim grades. Her responsibilities consist of supervising tasks that have included all phases of negotiation and relocation of electric, telecom/cable, water/sewer and gas/fuel utilities impacted by FDOT projects. She provides these services in accordance with FDOT's standards, policies and procedures; and is familiar with FDOT's utility agreements with vendors such as: Florida Power & Light Distribution, Comcast, AT&T/Bellsouth, Verizon, Miami-Dade Water & Sewer, Level 3 Communications, Qwest Communications, Sprint/Nextel, Florida Keys Aqueduct Authority (FKAA), Florida Keys Cooperative, Florida Gas Transmission, Crown Castle, Fiberlight, Hotwire, Windstream, XO Communications and others. *Contact: Mr. Tony Soto (305) 470-5232; (2006 – 2011 & 2011 – 2017).*

SR-823 (W. 4th Avenue) from W. 46th Street to W. 84th Street, FDOT 6: This 3-phase project encompassed full reconstruction and extensive excavation (for lighting, signalization and drainage) with relocations for facilities (including joint-use poles and duct banks) owned by FP&L, City of Hialeah, Miami-Dade WASD, AT&T Florida (BellSouth) and Florida City Gas. Ms. Andollo-Soto provided Utility Coordination for the

ARACELY ANDOLLO-SOTO
Page 2

District including UWHC Agreements and worked with the aforementioned UAOs, in addition to coordinating with FP&L and its joint-pole users. *Contact: Mr. Daniel (Danny) Iglesias, P.E. (305) 470-5289; (2011 – 2014).*

SR-968 (SW 1st Street) from Flagler St. to SW 5th Avenue, FDOT 6: This 3-phase project consists of roadway full reconstruction and extensive excavation (for lighting and signalization) and landscaping. Ms. Andollo-Soto is providing Utility Coordination for the District and working with AT&T Florida; Comcast Cable; FP&L; FiberNet; Miami-Dade WASD; and TECO Peoples Gas. *Contact: Ms. Adriana Manzanares (305) 470-5283; (2010 – Present).*

SR-968 (W Flagler Street) from W 27th Avenue to W 2nd Avenue, FDOT 6: This 3-phase project consists of roadway full reconstruction and extensive excavation for lighting, signalization and landscaping with relocations for facilities (including joint-use poles and duct banks). Ms. Andollo-Soto is providing Utility Coordination for the District and working with AT&T Florida; Comcast Cable; FP&L; FiberNet; MD-WASD; and TECO Peoples Gas. *Contact: Ms. Adriana Manzanares (305) 470-5283; (2010 – Present).*

SR-7 (NW 7th Avenue) from NW 8th Street to NW 78th Street, FDOT 6: This 3-phase project encompasses full reconstruction with relocations for facilities, joint-use poles and duct banks owned by AT&T Florida, FP&L Distribution, FP&L FiberNet and TECO Peoples Gas. Ms. Andollo-Soto is providing Utility Coordination for the District and working with the UAOs. *Contact: Ms. Heidi Solaun-Dominguez, P.E. (305) 470-5283; (2001 – Present).*

SR-907 (Alton Road) at the Intersections of 5th, 10th and 14th Street, FDOT 6: This 3-phase project (a strung project) was part of the overall lead reconstruction project of SR 907 (Alton Road) from 5th Street to Michigan Avenue). This project encompassed drainage improvements (including pump stations and bulkhead outfalls) with relocations for facilities owned by Florida Gas Transmission, TECO Peoples Gas, FP&L (Distribution) and City of Miami Beach. Ms. Andollo-Soto provided Utility Coordination for the District and worked with the aforementioned UAOs, in addition to coordinating with AT&T Florida, Atlantic Broadband and Verizon Business. *Contact: Mr. Daniel Iglesias, P.E. (305) 470-5289; 2011 – 2013).*

SR-5 (Overseas Highway) from Jerome Avenue to Whale Harbor Channel, FDOT 6: This 3-phase project encompassed milling, resurfacing and drainage. Ms. Andollo-Soto provided Utility Coordination for the District and worked with AT&T Florida, Comcast Cable, Florida Keys Electric Cooperative Association and Florida Keys Aqueduct Authority. *Contact: Mr. Danny Iglesias, P.E. (305) 470-5289; (2012 – 2012).*

SR-5 (Overseas Highway) from Whale Harbor Channel to Smuggler's Cove Entrance, FDOT 6: This 3-phase project encompassed milling, resurfacing, drainage improvements and landscaping. Ms. Andollo-Soto provided Utility Coordination for the District and worked with AT&T Florida, Comcast Cable, Florida Keys Electric Cooperative Association and Florida Keys Aqueduct Authority. *Contact: Mr. Danny Iglesias, P.E. (305) 470-5289; (2011 – Present).*



Education

MS, Civil Engineering,
University of Florida, 1974

BS, Civil Engineering,
University of Florida, 1973

Credentials | Registrations

Licensed Professional Engineer,
FL (18956), AL (35883-E),
TX (81623), DC (PE908600)

Expertise

Project Management
Program Management
Construction Management
Commissioning
Utility Assessments

Harold V. Aiken, PE

Project Manager/Client Service Manager

Mr. Aiken has over 30 years of experience in water, wastewater, and storm water infrastructure programs. He has worked in both the public and private sectors on large municipal water resources, and water and wastewater capital programs, and environmental restoration programs. Mr. Aiken is a skilled facilitator, and as a member of the Broward County Technical Advisory Council, provides public outreach on technical issues, and overall water supply matters and regulations.

His experience includes serving as Program Manager for the South Florida Water Management District Comprehensive Everglades Program, Project Design Manager for the Greater Houston Wastewater Program, General Manager of the West Coast Regional Water Supply (now Tampa Bay Water), and Chief of Permit Evaluation for the SWFWMD. Over his career, Mr. Aiken has lead development of six master plans and water use permitting of the largest wellfields in the state of Florida.

Relevant Experience

***Capital Improvement Program, City of Sunrise, FL.** Mr. Aiken served as the Program Manager for the strategic planning, engineering management, financial management, and construction oversight. The Capital Program planned for investment of approximately \$250M in new water supplies, membrane treatment, bio solids management, and distribution and collection system improvements. The program began in 2010 and completed in 2014.

***General Utility Engineering, City of Sunrise, FL.** Mr. Aiken served as the General Utility Engineer to the City of Sunrise Utilities Department. He provided technical and financial planning, logistical support, and served as an advisor. Full range of support included commissioning of the Sawgrass Membrane WTP, expansion of the membrane plant, and development of new source water, master planning, permitting, operational optimizations, financial planning, regulatory negotiations, design, process evaluations, emergency response, and resource prioritization.

***City of Sunrise Master Plan, City of Sunrise, FL.** Mr. Aiken led the team in developing the City's 2008 Master Plan. This plan, published in 2008, formed the basis for the City's Utilities Capital Program that followed.

Washington Aqueduct McMillan North Clearwell Improvements, USACE, DC.

This project is part of an IDC with USACE Baltimore District: Responsible for project management, engineering design, and construction support for the rehabilitations of the underground reservoir and improvements to water treatment. Scope of services include field investigations, project definition report, design repairs for deficient structural elements (i.e., roof, floor, columns); design for the leaking sluice gate; support during the construction phase; and the preparation of an Operation & Maintenance Manual. Mr. Aiken serves as Project Manager.

Value Analysis and Life Cycle Cost Analysis, MIA Taxiways R, S, and T Pavement Rehabilitation, Miami Dade Aviation Department (MDAD), Florida. The project consisted of value analysis and life cycle costing for airfield improvements to Miami International Airport Taxiways R, S and T including pavement rehabilitation, runway extension and realignment, taxiway reconfiguration, construction of improved fuel tender parking area, jet fueling facility and other features. Elements of the construction project will include demolition and removing portions of existing drainage canals and structures, milling of bituminous pavement, and construction of new pavement including required signage and pavement marking. The project also includes construction of new service roads, installation of new centerline and edge light fixtures, and replacement of existing circuit conductors and transformers.

Harold V. Aiken, PE | Project Manager/Client Service Manager

The estimated total construction cost of this project is approximately \$62 million. The design team has indicated that rehabilitation work must meet FAA requirements for AIP funding as well as Miami Dade Aviation Department standards. Mr. Aiken served as a Value Engineering team-member.

***Acceler 8 Comprehensive Everglades Restoration Program, South Florida Water Management District, FL.** As Project Manager Mr. Aiken assembled and coordinated a team of project managers, technical experts, controls specialists, and construction managers to kick-start the next phases of CERP work. Key work performed included developing the workflow for design projects that transitioned from USACE planning to the SFWMD. Mr. Aiken was responsible for engaging and managing stakeholders involved in the execution of the program, including local, state and federal agencies. He assisted the SFWMD senior management with formulation of a plan that used both public and private expertise in a team approach to maximize the overall benefit to the Everglades and taxpayers. The bulk of the restoration work involved pump age, storage and treatment of vast amounts of storm water runoff.

***Greater Houston Wastewater Program, City of Houston, TX.** Mr. Aiken was a member of the Program Management Team on the \$1.3B Greater Houston Wastewater Program. In that capacity, he served as the Design Manager for the Program directing the design and bidding of 117 wastewater infrastructure projects, valued at \$315M. This work included the management of 36 design consulting firms and a staff of 12 engineers. Responsibilities included negotiating design contracts with each firm for each project, providing project management oversight, planning, design and specification review, financial planning and monitoring as well as bid timing to enhance local M/WBE participation. All design was completed and bid within 36 months to comply with a USEPA Consent Order mandating wet weather improvements.

***Emergency Headworks Replacement, Greater Houston Wastewater Program, City of Houston, TX.** Mr. Aiken managed the emergency design of a new 125-mgd headworks using pumps salvaged from a different location, new piping, and new electrical. All work was completed within 90 days. Construction followed immediately.

***Wet Weather Facilities Manager, Greater Houston Wastewater Program, City of Houston, TX.** Served as liaison with TNRCC and USEPA representing operating compliance of wet weather facilities. Evaluated performance, made presentations to regulators, and met with City staff and City management on strategies for operational compliance of facilities. Wrote a performance report for each of the three major wet weather facilities. Assisted with the commissioning of the wet weather treatment facilities to develop wet weather operating strategies that complied with USEPA requirements and as well as the practical limitations of peaking with a biological treatment process.

***West Coast Regional Water Supply Authority, Clearwater, FL.** Mr. Aiken served as the General Manager for the authority from 1989 to 1994. During this time, he negotiated a new water rate agreement that provided for a single water rate for all users regardless of source. This modification provided for improved management of the water resources including mitigation of wetland impacts. Prior to his appointment as GM. Mr. Aiken was the Director of Engineering, Construction and Operations for the three county utility. In this capacity, he was responsible for planning, permitting, designing, constructing and operating 9 new facilities in the Tampa Bay Region.

***Bond Feasibility Report, Series 2010, City of Sunrise, FL.** Mr. Aiken assisted the City with the preparation of their Engineering and Bond Feasibility Report to support the sale of approximately \$100M in utility bonds and oversaw a team of professionals as the City's capital improvement projects were planned, designed, and implemented.

** prior to joining Nova*



Education

MS, Sanitary Engineering,
Syracuse University, 1979

BS, Civil Engineering,
Syracuse Engineering, 1977

Credentials | Registrations

Licensed Professional Engineer, FL (43684)
Class I Treatment Plant Operator
FDOT CTQP Asphalt Paving, Level I & II
OSHA's HAZWOPER Supervisor/Management

Professional Organizations

American Society of Civil Engineers
National Society of Professional Engineers
Florida Engineering Society
American Water Works Association

Expertise

Civil Engineering Design
Independent Peer Review

Steven Eagle, PE

Sr. Civil Engineer

Mr. Eagle has more than 35 years of experience in the fields of civil engineering and construction management. His work includes detailed design, value engineering and peer review, construction management, quality assurance/quality control, value engineering and overall project management and supervision for private and public sector projects. He has completed civil engineering designs and performed construction management services for projects associated with infrastructure rehabilitation of public works, public utility facilities, and commercial and residential facilities entailing new construction and rehabilitation.

Relevant Experience

Wastewater Master Plan at Ft. Lauderdale-Hollywood International Airport, Broward County Aviation Department, FL. This project was part of the airport's plan for the construction of a new passenger terminal and runway, which required an evaluation of expected wastewater flows generated and potential new wastewater infrastructure to handle increases. As Design Director, Mr. Eagle participated in the development of inflow hydrographs for 16 lift stations and analyzed future wastewater flow scenarios using InfoSWMM modeling software.

Drainage Improvements for NW 75th Street, Town of Medley, FL. This Town of Medley project consisted of drainage investigations and drainage design for approximately 300-ft. of roadway. Mr. Eagle served as Technical Director.

Jackson Memorial Hospital Expansion, 19 St. Roadway Design, Miami, FL. Nova provided professional engineering services for design and regulatory permitting assistance for the construction activities described. Prepare Roadway Design Drawings for NW 19th Street and NW 18th Street access road associated with the Jackson Memorial Hospital Rehabilitation. Prepare Florida Department of Transportation (FDOT) Driveway/Connection Permit Applications for NW 19th Street connection to NW 12th Avenue and NW 18th Street access road connection to NW12th Avenue. Nova will prepare construction contract documents including drawings that show the character and extent of the project. Nova will prepare construction contract documents including drawings that show the character and extent of the project. Mr. Eagle was Engineer of Record.

Owner Representative Services for NW 116th Bridge Repairs, Town of Medley, FL. This project consisted of the preparation of a design criteria package and Owner Representative services in connection with repairs to the NW 116th Way Bridge in Town of Medley, FL. The repairs were in accordance with the deficiencies identified by the Bi-Annual Inspection Report performed by the Florida Department of Transportation District 6. Nova acted as the Design Criteria Professional in charge of the design criteria package and solicitation support services. Mr. Eagle served as Technical Director.

Broward County Roadway Intersection Improvements, FL. As part of the 80% design phase, Nova was tasked with developing a Preliminary Drainage Report (PDR) for the Nob Hill Road and Southgate Boulevard Intersection Improvements; State Road 7 and NW 19th Street Intersection Improvements and Rock Island Road and Royal Palm Boulevard Intersection Improvements. The objective of the PDR was to present a preliminary stormwater management system for the proposed roadway improvements. The PDR discussed a preliminary stormwater management system that addressed applicable regulatory criteria and constraints, while providing efficient facility wide drainage. The proposed intersection improvement was anticipated to widen the existing northbound and southbound roadway for additional turning lanes along the east and west carriageway. Mr. Eagle served as Technical Director.

Steven Eagle, PE | Sr. Civil Engineer

Comprehensive Everglades Restoration Plan, Picayune Strand Restoration: Road Removal, South Florida Water Management District, FL. Included in Phase I of the PSRP, was the removal of the existing roadway infrastructure. Asphaltic concrete pavement surfaces were removed from existing roads, which were then degraded to primary, secondary, or tertiary road (trail) condition or returned to a natural topographical profile to match existing undisturbed ground. Nova provided engineering services including the preparation of construction drawings and technical specifications. Information obtained from field surveys was applied to drawings and cost estimates for the project's design phase. The design incorporated environmental and wetlands restoration, standards development, permitting and cost estimating. Mr. Eagle served as Design Director and Project Manager.

Tamiami Canal Bridge Replacement, Miami-Dade Public Works Department, FL. This project entailed the replacement of the existing 124-foot long swing bridge with a single leaf bascule bridge. A HEC-RAS hydraulic model was developed by Nova as part of this project. As Technical Director, Mr. Eagle was responsible for the development of the hydraulic model as well as overall management of the project. Project tasks included hydraulic modeling to confirm conditions of the proposed bridge replacement met with South Florida Water Management District's recommendation for water surface elevations.

Peak Flow Management Study at Miami International Airport, Miami-Dade Aviation Department, FL. This project consisted evaluating MIA's sanitary sewer system to determine peak sewer flows under a 2-year design rain event on current infrastructure conditions. The main objective was to determine the ability of the pump stations (Re-pump 1 and Re-pump 2) to handle a hypothetical 2-year storm event, equivalent to 4.5 inches of rain in 24 hours. As Technical Director, Mr. Eagle was responsible for providing general oversight and project direction.

Northside Concourse "A" Utility Corridor Link at Miami International Airport, Miami-Dade Aviation Department, FL. The project consisted of 3,000 linear feet of utility infrastructure that interconnected, upgraded, and completed the loop of infrastructure services between Concourse "A" and the Northside Utility corridors at MIA. The new corridor included construction activities in connection with the installation of water mains, wastewater force mains, and electrical conduits and communications lines. Mr. Eagle served as Resident Engineer.

Perimeter Road Canal Relocation at Miami International Airport, Miami-Dade Aviation Department, FL. This project involved the relocation of an existing canal, including the construction of 700 linear feet of new canal with sheet pile retaining walls, the construction of 1,200 linear feet of new metal pipe arch culverts of various sizes, 2,800 linear feet of a 24-in water main, 1,600 linear feet of 16-in force main, several linear of electrical conduit and other associated work. Mr. Eagle was the Project Manager responsible for Construction Inspection Services (CIS) in connection with the relocation of the Tamiami Canal (north fork), CSX railroad, and associated water and communication utility improvements.

Pavement System Value Analysis at the PortMiami, FL. The project entailed the analysis of the current pavement system. The value analysis also covered the accelerated deterioration of pavement in paved areas with limited commercial use. As part of the project, a program was developed to manage pavement by either 1) maintaining existing pavement, 2) replacing existing pavement, or 3) constructing new pavement to meet the port needs in an efficient and cost-effective manner. The project included 1) function analysis, 2) delineation of pavement sections, 3) field survey using Geographical Positioning Systems (GPS) to record the conditions of pavement for further evaluation and 4) development, population and calibration of a computerized maintenance Model. In addition, Non-Destructive Pavement Testing was conducted to determine existing pavement conditions and to develop alternatives for section designs.

Design/Build for the Central Boulevard Widening Alignment and Service Loop, Miami-Dade Expressway Authority, FL. This project consisted of construction engineering and inspection and contract administration services for the improvements to the inbound and outbound traffic accessing the Miami International Airport. Nova was responsible for on-site construction activities and inspection of materials entering the site work in accordance with the plans, specifications, and special provisions.

Education

B.S., Civil Engineering, Florida
International University, 1998

Credentials | Registrations

Licensed Professional Engineer,
FL (63890)
OSHA Confined Space Training

Expertise

Civil Engineering
Water and Wastewater Resources
Project Management
Program Management
Construction Management
Design Management
Stormwater Planning

Juan C. Curiel, PE

Sr. Engineer

Juan has over 16 years of experience in civil engineering and water resources, and has a thorough understanding of water and wastewater design challenges that local utilities face. His experience includes civil, stormwater, sanitary, and municipal engineering with a particular emphasis on water and wastewater systems - stormwater planning, program management, design management and administration, and bid package preparation.

Relevant Experience

Pump Station Improvement Program, Miami-Dade Water & Sewer Department, FL. Under the terms of a consent decree, Miami-Dade will rehabilitate its wastewater treatment plants and its sewer collection and transmission system. Under this program, the PSIP's objective is to rehabilitate approximately 109 sewage pump stations to comply with meeting a nominal average pumping operating time (NAPOT) of less than 10 hours per day. Nova was selected to administer and manage the implementation of the PSIP to ensure timely repair of these upgrades. Juan serves as Design Consultant Manager.

***Miami-Dade Department of Public Works and Waste Management – Water Management Division/Stormwater Planning Section, FL.** Juan served as Section Chief, his responsibilities included:

- Directly supervised twenty-three (23) employees, ranging in various professional classifications (Engineers, Construction Inspectors, and Engineering Drafters)
- Prepared bid packages (supervision of the preparation design drawings and technical specifications) for the construction of various large scale environmental projects in excess of \$2M in funding (i.e. wetlands restoration, beach re-nourishment and drainage projects).
- Provided engineering support and project management prior/during and post construction by preparing construction contracts, Request to Advertise/Award documentation, permitting packages, overseeing the bidding process, and completion of project close out documents.
- Supervised and monitored the progress of environmental construction projects within the County's Capital Improvement Database (CIIS).
- Ensured and monitored that the Section's core functions of modeling and mapping the County's drainage basins and infrastructure progress within established deadlines.

Juan C. Curiel, PE | Sr. Engineer

- Maintained the Stormwater Master Project List that defined priority ranking of upgrades, estimating and budget preparation.
- Monitored changes that were performed to the County's drainage infrastructure.
- Supervised the update of the Stormwater Infrastructure Inventory (as-builts) reflecting all available records through 2005.
- Ensured that the Section assisted the County in meeting the National Pollutant Discharge Elimination System annual permit requirements.
- Ensured that the Section assisted the County in meeting the requirements and upgrading its current classification within the Community Rating System (CRS) per the National Flood Improvement Program.

***Miami-Dade Water & Sewer Department – Project Management Division/Consent Decree Settlement Agreement (CD/SA).** As Professional Engineer/Engineer II, Juan's responsibilities included:

- Evaluated technical reports for preparation of preliminary cost estimates, reports and schedules of CD/SA and P.M.D projects.
- Prepared project design packages that were released to MDWASD design staff
- Planned, analyzed and reviewed project drawings (sewage pump stations and sewage force mains)
- Processed required permitting application packages to local, state and federal regulatory agencies
- Coordinated "post design services" between MDWASD construction staff and engineering design staff during the construction phase of all CD/SA and P.M.D. projects
- Provided project coordination with local and state construction departments as well as adjacent municipalities and utility companies to ensure that any sensitive CD/SA and P.M.D projects are completed on schedule

***Miami-Dade Water & Sewer Department – Pump Station Maintenance Division.** As Associate Engineer, Juan's responsibilities included:

- Responsible for retrieval and process of SCADA runtime, starts, pressure and wet well level for data review used to perform preliminary analysis/design
- Responsible for retrieval and process of SCADA and VOLUCALC data for analysis of inflow and pumping rate Operational Analysis, Short-Term System Monitoring, Pump Station Improvement Program and Data exemptions
- Responsible for retrieval/analysis of Elapsed Runtime Data and SCADA Runtime Data to resolve pump station O&M problems and assist with preliminary pump station designs
- Performed initial Pump Station Capacity Re-Rate Analysis
- Responsible for the preparation of draft data exemption requests to the Department of Environmental Resource Management (DERM)

** prior to joining Nova*

FERNANDO FERNANDEZ, PSM
Surveying Lead



EDUCATION

- Hydrologist Engineer
Alma- Ata, former USSR, 1987

FIELD OF SPECIALIZATION

- Field Data Collection
- Autocad / Land Desktop
- Total Station and Data Collector Knowledge
- Topographic Surveys
- Roadway Surveys
- Certificate of Elevations
- GPS Field Location
- Surveys with NAVD88 and NGVD29
- As-Built Certified Surveys for Water and Sewer projects
- Project Stakeout
- Writing and interpretations of legal descriptions

CERTIFICATIONS

- Professional Land Surveyor and Mapper
- State of Florida, LS 6765

YEARS OF EXPERIENCE

- 20 Years

EXPERIENCE SUMMARY

Mr. Fernandez has nearly twenty years of field data verification, collection and surveying experience. Mr. Fernandez is a professional proficient in the use of different kinds of Data Collectors, Total Station and other surveying equipment, and is familiar with the process to develop Topographic Surveys and As-Built Drawings Miami-Dade County and Broward County, conducting surveys of above ground features and utility verifications, roadway surveys, construction stake-out and utility project as-builts. Mr. Fernandez is a diligent worker with knowledge of Autocad and various tools of the trade. He has the ability to manage multiple tasks, work on projects autonomously, and work as required to meet deadlines. Mr. Fernandez has recently developed as-builts for water and sewer connections, conducted multiple Right-Of-Way surveys for Transit Improvements and is familiar with the department's requirements for Topographic surveys. Mr. Fernandez is a Florida Registered Land Surveyor and participates personally on field data collection of all assignments under his control, qualifying him as a Surveyor with extensive field knowledge and experience.

KEY EXPERIENCE

Copans Transit Facility, Broward County, Florida.

The Copans Transit Facility is a 25-Acre facility located at 3201 West Copans Road responsible for the maintenance and operations of approximately 250 Broward County Transit (BCT) buses. The facility houses a maintenance and operations division responsible for the ticketing, fueling, washing and repair of a great portion of the BCT fleet. Mr. Fernandez was responsible for overseeing the right of way, topographic, boundary survey for the Project.

West Regional Terminal, Broward County, Florida.

The Broward County West Regional Terminal services the Broward County West Regional Complex that is composed by The West Regional Courthouse, The West Regional Library and the Emergency operations Center. The terminal is located on the northeast corner between Broward Blvd and Pine Island Road. This is a major bus terminal that services the routes 2, 12,22,30,56 and 88. BCT wanted to improve the bus terminal to be ADA compliant and upgrade landscape, pavement markings and signage. Mr. Fernandez was responsible for overseeing the right of way, topographic, boundary survey for the Project.

North Perry Airport Park and Ride Facility, Pembroke Pines, FL. Mr. Fernandez was responsible for overseeing the right of way, topographic, boundary survey for the development of a 170 Spaces Park and Ride Facility at the North Perry Airport located on the northeast corner of Pembroke Road and University Drive in the City of Pembroke Pines. The site development included the design of the parking facility, storm water management, lighting system and pavement markings and signage to serve riders of the Broward County Transit System.

Transit Improvement Topographic Surveys, Broward County, FL

In this project, Mr. Fernandez is responsible of producing certified signed and sealed surveys depicting existing conditions of public right of way locations for several bus stop locations through-out Broward County. This project has been ongoing since 2010 and has produced hundreds of surveys, generally, on public roadways, depicting areas for transit improvements. Mr. Fernandez directs our crew to obtain information on painted utilities, gather field data, locate benchmarks, elevations and coordinates and then providing CAD drawings to our engineering department for design purposes. Duties also include GPS location of point to tie bus stop locations to national datum.

FERNANDO FERNANDEZ, PSM
Surveying Lead



FDOT District 4, Broward County Transit Bus Shelter Project, Broward County, FL. This Design-Build, fast track, project consisted of providing ADA compliant bus shelters to 73 locations throughout the cities of Wilton Manors, Oakland Park and Pompano Beach, in Broward County. Mr. Fernandez was the project Land Surveyor responsible for the generation of topographic surveys along local roadways, recording all above ground features at all the sites, utilizing GPS equipment and coordinating work between survey crew, client and engineer.

Water and Sewer CIP Improvements Survey, City of Opa-Locka, FL

Provided topographic surveying services as required for this project. This includes the completion of roadway surveys to locate all above ground features along proposed utility improvement planned projects. Services include the representation of plats, topographic features and the location and investigation of underground utilities within the project area. The project was divided into four phases, to be procured separately for design-build contractors to execute the proposed improvement.

Miami-Dade County Bus Stop Topographic Surveys, Miami-Dade County, FL

This project includes performing topographic surveys in the municipalities of Pinecrest, Town of Surfside, Bay Harbor Islands, and Miami Lakes. Surveys include the location of all above ground features, locate and translate benchmarks, generate elevations, easement and right-of-way determination for the addition of bus shelters at over 30 local roadway bus stops. Mr. Fernandez directs our crew to obtain field information and then reviews CAD drawings to be later provided to our engineering department for design purposes.

NE 10th Street & NE 7th Avenue Roadway Improvements, Dania Beach, FL. Project consisted of extension of NE 10th Street to the east to intersect with NE 7th Avenue and reconstruction of NE 7th Avenue from this intersection to the north intersection with Taylor Road. Project proposed water and sewer improvements along this roadway corridor. Mr. Fernandez was responsible for the topographic survey of this roadway corridor, including construction stake-out and collection of as-built data and preparation of final as-built drawings for the project including as-built elevations and alignments.

Taylor Lane Roadway Improvements, Dania Beach, FL. - The project consisted of topographic survey, drainage improvements and roadway improvements for the purposes of providing flood protection for Taylor Lane located in the City of Dania Beach. Mr. Fernandez was the Project Surveyor and was responsible for conducting field data collection of above ground features including elevations and CAD drawing production for the later design, permitting and construction oversight for the improvements to this roadway. The design included creating roadside swales and retention areas, along with storm inlets and drainage piping system to convey the roadway stormwater run-off. The project also included raising sections of the roadway to meet Broward County roadway flood criteria.

New Hope Church Expansion, Southwest Ranches, FL. - The New Hope Church site is located on Dykes Road just south Sterling Road on a 4-acre site. Project involved expansion of New Hope Church site by adding new parking area, 17,000 square feet of space, new water and Sewer connection and site drainage. Mr. Fernandez was responsible for the site topographic survey and collecting all above ground features, developing legal description and sketches for utility easements, and As-Built verification and certification.

Fort Lauderdale Airport Runway Expansion Project, Fort Lauderdale, FL – this project proposes to expand the runway over US-1. Mr. Fernandez participated in the generation of topographic surveys in relation to the underground utility designs of engineering drawings for over 5,000 LF of 16" Water Main, and 4,000 LF of 12" Force Main for utility relocations required for this project. The project also included the design of a shared communication duct bank to relocate communication utilities along the corridor. Mr. Fernandez also provided periodic field visits to record as-built information of the communications duct-bank and provided survey controls during construction. Utility companies included AT&T, FPL, TECO, Comcast, FAA, Windstream, XO, CITGO, Buckeye Pipeline, Qwest, Verizon, Sprint, L3, etc.

Volume Determination Survey, Biscayne Landing, North Miami, FL. - Mr. Fernandez is the surveyor responsible for the field data collection of elevations required for the calculation of stock pile and lakes volumes within the boundaries of a mixed used development project currently under construction in North Miami known as Biscayne Landing. Project includes the collection of field data, location of benchmarks, lake soundings, generation of contours and volume calculations.

JORGE MICHEL OLMO SURVEYING / CAD TECHNICIAN



EXPERIENCE SUMMARY

Mr. Olmo has over 20 year of experience in computer aided drafting and design of engineering and architectural projects and proficient in AutoCAD Civil 3D utilizing its tools, attributes, layering system and cad set up environments. Mr. Olmo is experienced in Water and Sewer projects, as well as Structural and Architectural specialties. Mr. Olmo is also experienced in the generation of 3D models by using AutoCAD Architecture, Revit Architecture, Civil 3D, BIM, Sketch up Pro and Adobe Photoshop. Mr. Olmo has also been responsible for the filed data collection of features and their representation on company projects including surveying drawings, civil engineering and land development project for our firm. Mr. Olmo serves as field technician and his attention to detail and ability to communicate effectively with other team members makes him an asset for all our projects.

KEY EXPERIENCE

Copans Transit Facility, Broward County, Florida.

The Copans Transit Facility is a 25-Acre facility located at 3201 West Copans Road responsible for the maintenance and operations of approximately 250 Broward County Transit (BCT) buses. The facility houses a maintenance and operations division responsible for the ticketing, fueling, washing and repair of a great portion of the BCT fleet. Mr. Olmo assisted in the collection of field data, and was responsible for generating the CAD drawings for this project.

West Regional Terminal, Broward County, Florida.

The Broward County West Regional Terminal services the Broward County West Regional Complex that is composed by The West Regional Courthouse, The West Regional Library and the Emergency operations Center. The terminal is located on the northeast corner between Broward Blvd and Pine Island Road. This is a major bus terminal that services the routes 2, 12,22,30,56 and 88. BCT wanted to improve the bus terminal to be ADA compliant and upgrade landscape, pavement markings and signage. Mr. Olmo assisted in the collection of field data, and was responsible for generating the CAD drawings for this project.

North Perry Airport Park and Ride Facility, Pembroke Pines, FL. Mr. Olmo assisted in the collection of field data, and was responsible for generating the CAD drawings for this project development of a 170 Spaces Park and Ride Facility at the North Perry Airport located on the northeast corner of Pembroke Road and University Drive in the City of Pembroke Pines. The site development included the design of the parking facility, storm water management, lighting system and pavement markings and signage to serve riders of the Broward County Transit System.

Citywide CIP Water & Sewer Improvement Surveys, City of Opa-Locka, FL.

This project includes the topographic route surveys for over 200,000 LF of roadway to receive water and sewer improvements as part of the Capital Improvements Program (CIP) throughout the City of Opa-Locka, to be completed with a very aggressive schedule. PDS is part of the Team to provide design criteria packages for the letting of this work. Mr. Olmo assisted in the collection of field data, and was responsible for generating the CAD drawings for this project.

Cairo Ln Topographic Survey, City of Opa-Locka, FL.

This project was an emergency project to conduct a topographic survey of 2,600LF of roadway in the City of Opa-Locka. Project included the collection of all above ground features, spot elevations, recording of existing roadway conditions, and depiction of right-of-ways along this corridor. Mr. Olmo assisted in the collection of field data, and was responsible for generating the CAD drawings for this project.

EDUCATION

- B.A. in Architecture, Central University of Villa Clara, Cuba 1996
- Specialized Computer Aided Design & Drafting, Autodesk Technical Institute, Malaga, Spain 2010
- Online Web Courses – Implementing New CAD Techniques (Tips and Shortcuts / Last Versions)

FIELD OF SPECIALIZATION

- Topographic Surveys
- Field Data Collection
- Volume Determination
- ADA Compliance
- CAD Design
- Water & Sewer Drafting
- Permitting
- Construction Management
- Field Inspections
- Utility Coordination

YEARS OF EXPERIENCE

- 20 Years

JORGE MICHEL OLMO
SURVEYING / CAD TECHNICIAN



ADA Compliant Bus Stop Improvement, Town of Miami Lakes, FL - Mr. Olmo was filed data collector and project CAD drafter for this project which included the filed data collection, topographic survey, scope determination and the generation of demolition, new construction, and maintenance of traffic plans. Project provided the client with the design for ADA improvements to 19 bus stops locations, new bus shelters, concrete pads, sidewalks and amenities. Project included the coordination with Town, Miami-Dade Transit, conduct underground utility investigations and permitting.

Sidewalk Assessment and GIS Representation, City of Fort Lauderdale, Broward County – This project consisted in field data collection and assessment of the existing condition of all the existing sidewalks within the City of Fort Lauderdale, which consist of over 400 miles of sidewalks. Mr. Olmo was responsible for field data collection utilizing GPS devices that would later sync data collected with the GIS application developed for this project. Mr. Olmo also assisted in the calculation of progress utilizing GIS tools build into the GIS system.

Water and Sewer Service Connection and Pump Station for Car Dealership, City of North Miami, FL – This project included the design of a new water and sewer connection for the development of a commercial site to house a new Car Dealership for Warren henry in North Miami, including the design of a new wastewater pump station rated at 65 gpm. Mr. Olmo conducted site verification services, including the location of above ground features, performed underground utility locations and recorded locations based on painted marking in the field. Mr. Olmo prepared CAD drawings depicting exiting conditions and proposed designs.

Volume Determination Survey, Biscayne Landing, North Miami, FL. - Mr. Olmo has assisted as field data collector and has participated in the generation of CAD drawings for the collection of elevations required for the calculation of stock pile and lakes volumes within the boundaries of a mixed used development project currently under construction in North Miami known as Biscayne Landing. Project includes the collection of field data, location of benchmarks, generation of contours and volume calculations.

NE 10th Street & NE 7th Avenue Improvements in Dania Beach, FL. Project consists of extension of NE 10th Street to the east to intersect with NE 7th Avenue and reconstruction of NE 7th Avenue from this intersection to the north to the intersection of Taylor Road. Project proposed water and sewer improvements along these roadway corridors. Tasks included topographic surveys, design of Civil plans, Utility coordination and worked with Broward County Environmental Regulation Division, Broward County Health Department and City of Dania Beach for Project permitting. Mr. Olmo was responsible for generation of As-Built drawings for water and sewer utilities on this project.

Bus Terminal Concepts, Miami-Dade Transit, Miami, FL. – Mr. Olmo was responsible for the generation of CAD drawings and preliminary designs of several conceptual drawings to present alternatives on a proposed Transit Terminal at the Main FIU Campus. Concepts included roadway modifications and improvements to allow exclusive bus lanes and also signal modifications. Mr. Olmo utilized AutoCAD tools such as autoTURN and turning radius templates to verify viability of roadway design features and modifications.

Transit Improvement Topographic Surveys, Broward County, FL.

In this project, Mr. Olmo is responsible for producing surveying and engineering drawings depicting existing conditions of public right of way locations for several bus stop locations throughout Broward County. This project has been ongoing since 2010 and has produced hundreds of surveys, generally, on public roadways, depicting areas for transit improvements. Mr. Olmo assists in data collection to obtain information on painted utilities, gather field data, locate benchmarks, elevations and coordinates and then provides CAD drawings to our engineering department for design purposes. Duties also include GPS location of point to tie bus stop locations to national datum.

LUIS J. JURADO, P.E.
Principal



EDUCATION

- B.S. in Civil Engineering, University of North Carolina Charlotte, 2003

PROFESSIONAL REGISTRATIONS

- P.E. Florida License
No. 66396
- P.E. South Carolina
No. 28394

PROFESSIONAL AFFILIATIONS

- Member, American Society of Civil Engineers
- FES (Florida Engineering Society – Member)

FIELD OF SPECIALIZATION

- Transportation/Roadway
- Transit Facilities
- Water & Wastewater
- Storm Water Management
- General Civil
- Permitting
- Bid Preparation & Assistance
- Construction Management
- Utility Coordination
- QA/QC

YEARS OF EXPERIENCE

15 Years

EXPERIENCE SUMMARY

Mr. Jurado is a professional engineer registered in the states of Florida and South Carolina with over 15 years of experience in private and public infrastructure projects here in Broward County (BC). Mr. Jurado currently serves as the President of **Premiere Design Solutions, Inc. (PDS)** and provides project coordination to ensure Clients receive high quality deliverables on time and within expected budget.

Mr. Jurado has developed a keen understanding of BC's needs and requirements having worked directly with various BC agencies such as Transit, Water & Wastewater Services, Aviation Department, Construction Management and Facilities Management. Mr. Jurado's duties and responsibilities include overseeing a professional staff of 15 engineers, surveyors and technicians, quality control review prior to submittal, meeting with governmental agencies having jurisdiction over the project site location to discuss permitting requirements, meetings on a regular basis with BC officials to provide recommendations on the scope of work to be performed and project schedule updates. **Mr. Jurado has led PDS's professional staff in delivering over 100 successful projects directly for Broward County in the last seven years.**

RELEVANT EXPERIENCE

Taylor Lane Improvements, Dania Beach, Florida. The Taylor Lane project consisted of storm water and roadway improvements for the purposes of providing flood protection for Taylor Lane located in the City of Dania Beach. Mr. Jurado was the Engineer of Record responsible for overseeing the design, permitting and construction oversight for the improvements to this roadway. The design included creating roadside swales and retention areas, along with storm inlets and drainage piping system to convey the roadway storm water run-off to an approved outfall through the Derecktor property. The project also included raising sections of the roadway to meet Broward County roadway flood criteria. This project is currently under construction with completion expected January 2018.

Copans Transit Facility, Broward County, Florida.

The Copans Transit Facility is a 25-Acre facility located at 3201 West Copans Road responsible for the maintenance and operations of approximately 250 Broward County Transit (BCT) buses. The facility houses a maintenance and operations division responsible for the ticketing, fueling, washing and repair of a great portion of the BCT fleet. Mr. Jurado is the Project Manager responsible for performing an assessment of the existing conditions to determine the feasibility of increasing the capacity to a maximum of 400 buses. In addition Mr. Jurado is overseeing the development of the schematic site layouts, phasing plan and meeting with BCT staff on a regular basis for progress updates.

West Regional Terminal, Broward County, Florida.

The Broward County West Regional Terminal services the Broward County West Regional Complex that is composed by The West Regional Courthouse, The West Regional Library and the Emergency operations Center. The terminal is located on the northeast corner between Broward Blvd and Pine Island Road. This is a major bus terminal that services the routes 2, 12,22,30,56 and 88. BCT wanted to improve the bus terminal to be ADA compliant and upgrade landscape, pavement markings and signage. Mr. Jurado served as the Project Manager responsible for overseeing the paving, grading and drainage, pavement markings and signage and Maintenance of Traffic Design. Mr. Jurado was also responsible for securing permits with the City of Plantation, Old Plantation Water Control District and Broward County.



North Perry Airport Park and Ride Facility, Pembroke Pines, FL. Mr. Jurado

served as the Project Principal for the development of a 170 Spaces Park and Ride Facility at the North Perry Airport located on the northeast corner of Pembroke Road and University Drive in the City of Pembroke Pines. The site development included the design of the parking facility, storm water management, lighting system and pavement markings and signage to serve riders of the Broward County Transit System. Mr. Jurado was responsible for client management, and coordination of permitting procedures and approvals of the local governmental agencies such as Broward County Transit (BCT), Broward County Aviation Department (BCAD) and the City of Pembroke Pines.

NE 10th Street & NE 7th Avenue Improvements, Dania Beach, Florida. The project consisted of the extension of NE 10th Street to intersect with NE 7th Avenue and reconstruction of NE 7th Avenue from this intersection to Taylor Road as a result of the Fort Lauderdale-Hollywood International Airport south runway extension. Included in the project were 3000 LF of 12" PVC WM along NE 10th street, 1300 LF of 10" PVC WM along NE 7th Ave, 1400 L.F. of 10" Gravity Sewer along NE 10th St, 1250 L.F. of 10" Force main along NE 7th Ave. & 1300 LF of 10" Force main along NE 10th St. Mr. Jurado was the Principal in Charge overseeing the design, permitting and construction of the proposed water and sanitary sewer system for the project as well as coordinating all other utilities in the area, including FPL, AT&T, Comcast, TECO gas and Buckeye petroleum.

Perimeter Road Joint Utility Duct Bank, Ft. Lauderdale, Florida. The project consisted of the design, permitting and construction certification of a 32 Way 4" Joint Utility Duct Bank within a corridor along the proposed Perimeter Road for Ft. Lauderdale-Hollywood International Airport. Included as part of the airport south runway extension, a 3000 L.F. of Joint Utility Duct Bank, which was comprised of 32 – 4" Utility ducts, was designed to be encased under the south runway and taxi-way on East Perimeter Road. The duct bank required coordination of AT&T, Broward County Aviation Department the FAA, Comcast and other utility companies. Tasks involved the coordination with all utility companies, identifying existing Utilities, Utility relocation and the design of the new Joint Utility Duct Bank. Mr. Jurado served as Principal in Charge responsible for the project coordination and permitting with all stakeholders and regulatory agencies.

FDOT District 4, Broward County Transit Bus Shelter Project, Broward County, Florida. The FDOT Bus Shelter project is a Design-Build project, which consists of providing ADA compliant bus shelters to 73 locations throughout the cities of Wilton Manors, Oakland Park and Pompano Beach, all located in Broward County, Florida. The project scope includes civil, structural and electrical engineering design for the bus shelters to be installed at the current locations, as well as improvements at bus stops such as landing pads, curb & gutter, sidewalk restoration, sidewalk transitions, and amenities such as benches, trash cans and solar panels. Mr. Jurado as the design project manager coordinated the design team consisting of civil engineers, structural engineers, electrical engineers and a surveying team. Mr. Jurado was also responsible for the quality control procedures review prior to submittal and meeting with governmental agencies having jurisdiction over the project site location to discuss permitting.

Water and Sewer CIP Improvements, Opa-Locka, Florida.

The City of Opa-Locka Capital Improvements Program (CIP) includes the design of approximately 300,000 LF of water and wastewater infrastructure utilities and ancillary improvements. Mr. Jurado served as Principal in charge overseeing the topographic surveying services required which included roadway surveys to locate all above ground features along proposed utility improvement, representation of plats, topographic features and the investigation of underground utilities within the project area which was sub-divided into four phases.



GREGORY J. STELMACK, P.E.
Vice President of Operations
Principal Geotechnical Engineer

Mr. Stelmack has 27 years of engineering experience, and an extensive history of successful project management. He has managed projects involving materials testing including sampling and testing of fresh and in-place concrete and mix designs; site investigation; drilling; ground water evaluation; chemical analysis; foundation analysis; soil stabilization; pile driving analysis; design recommendations and permitting assistance.

He is also skilled in providing providing quality assurance and quality control services. He has worked on major projects throughout Florida, and served as Project Manager for numerous contracts with cities, counties, SFWMD, FDOT, USACE and contractors/consultants.

Additionally, he is knowledgeable of Florida and Broward County codes and regulations.

Professional Registration and Certifications:

- Registered Professional Engineer, Florida #70556 (2009)

Education:

- BS, Civil Engineering University of Wisconsin, Madison

Capabilities:

- Project/Contract Management
- Geotechnical Engineering
- Construction Materials Testing
- Structural Engineering
- Water Resources Engineering
- Quality Assurance/Control
- Design Recommendation / Review
- Estimating

REPRESENTATIVE PROJECTS

Project Manager and/or Principal Geotechnical Engineer for the following contracts/projects:

- Broward County Professional Engineering Testing Services Continuing Contract
- Broward County Mast Arms (20 intersections) Field Exploration/Testing, Soil Laboratory Testing & Foundation Installation Quality Control
- Fort Lauderdale International Airport Site Preparation & NAVAIDS Project, Broward County, FL
- Wave Streetcar, Broward County, FL
- SR-842 Broward Bridge Replacement, Broward County, FL
- FLL Terminal 4 East Expansion, Broward County, FL
- FLL Southwest Airlines Terminal One Modernization Program, Broward County, FL
- FDOT Districts 4 & 6 Districtwide Materials Testing Construction Support Continuing Contract
- School District of Palm Beach County Geotechnical and Testing Continuing Services Contract
- City of Palm Beach Gardens Geotechnical Professional Services Continuing Contract
- Miami Dade College Geotechnical and Testing Continuing Services Contract
- Palm Beach County Geotechnical and Testing Continuing Services Contract
- Miami Dade County Geotechnical and Testing Continuing Services Contract
- Max Planck Florida Institute, Florida Atlantic University Palm Beach County, FL
- Riviera Beach Marina District South, Palm Beach County, FL
- Fire Station No. 72, Palm Beach County, FL
- Equalization Basin A-1, Palm Beach County, FL
- Environmental Services Laboratory Building, Palm Beach County, FL
- Lyons Road, from Lantana Road to Lake Worth Road, Palm Beach, County, FL
- L-40 and L-85 Levees Evaluation, Palm Beach County, FL



TOM MULLIN, P.E.
VP Special Projects
Geotechnical Services Group Mgr
Chief Geotechnical Engineer

Mr. Mullin is a seasoned Chief Engineer with 37 years of geotechnical engineering experience. He is skilled in providing quality assurance and quality control, materials testing engineering services including soils, foundations, and geotechnical investigations, vibration monitoring, materials and systems testing, and structural and special assessments testing services. He is also skilled in providing CEI documentation; construction surveillance and technical peer review.

Mr. Mullin has provided design expertise and managed projects involving major high rise towers, commercial buildings, power generating and industrial facilities, as well as transportation and landfill projects in Florida, Puerto Rico and the Caribbean.

Additionally, he is knowledgeable of Florida and Broward County codes and regulations.

REPRESENTATIVE PROJECTS

Chief Geotechnical Engineer/Principal Design Consultant for the following contracts/projects:

- OB Johnson Park, Broward County, FL
- Riva Tower, Broward County, FL
- Wave Streetcar, Broward County, FL
- SR-842 Broward Bridge Replacement, Broward County, FL
- FDOT Districts 4 & 6 Districtwide Materials Testing Construction Support Continuing Contract
- Herbert Hoover Dike Culverts 10 and 12, Palm Beach County, FL
- EAA A-1 Flow Equalization Basin (FEB) Construction, Palm Beach County, FL
- L-40 and L-85 Levees Evaluation, Palm Beach County, FL
- Everglades Nutrient Removal Test Cells, Palm Beach County, FL
- Peer Design Review, Stormwater Treatment Areas 1W, #5 and #6, Palm Beach County, FL
- Environmental Services Laboratory Building, Palm Beach County, FL
- Riviera Beach Marina District South, Palm Beach County, FL
- St. Tropez Office Tower, Miami-Dade County, FL
- Parque Towers, Miami-Dade County, FL
- Mansions at Acqualina II, Miami-Dade County, FL
- Estates at Acqualina, Miami-Dade County, FL
- Gulfstream Natural Gas Pipeline, Palm Beach County, FL
- Compartment C, Stormwater Treatment Area, Hendry County, FL
- Herbert Hoover Dike Culverts 4A and 3, Palm Beach and Hendry County, FL
- STA-1 West Expansion Area 1, Palm Beach County, FL
- Lake Hicpochee Dispersed Water Management Plan, Glades and Hendry Cos, FL

Professional Registration and Certifications:

- Professional Engineer, #43366 (Florida) (1990)

Education:

- MS, Civil/Geotechnical Engineering, University of Illinois
- BS, Civil Engineering, University of Illinois

Capabilities:

- Project Management
- Soils/Foundation Engineering
- Civil and Major Earthworks Engineering Design
- Civil Construction Mgmt
- Geotechnical Instrumentation and Monitoring
- Groundwater Hydrogeology
- Quality Control Testing
- Inspection Oversight
- Peer Review



AKASH BISSOON, P.E.
Senior Geotechnical Engineer

Mr. Bissoon has 13 years of geotechnical engineering experience including providing project management for a wide range of work involving geotechnical, environmental and civil engineering. He is skilled in the preparation of specifications for roadway work, storm water management systems and water distribution systems.

He is knowledgeable in current ASTM and AASHTO standards applicable materials testing, and is skilled at conducting materials investigations through the construction completion-certification stage. He works on projects from the initial modeling-specification stage, through the planning, designing and drafting stages.

Mr. Bissoon has served as a Senior Geotechnical Engineer on projects for clients including cities, counties, SFWMD, FDOT, USACE and contractors/consultants.

REPRESENTATIVE PROJECTS

Engineer for the following contracts/projects:

- Broward County Professional Engineering Testing Services Continuing Contract
- Broward County Mast Arms (20 intersections) Field Exploration/Testing, Soil Laboratory Testing & Foundation Installation Quality Control
- OB Johnson Park, Broward County, FL
- Riva Tower, Broward County, FL
- Wave Streetcar, Broward County, FL
- SR-842 Broward Bridge Replacement, Broward County, FL
- Fort Lauderdale International Airport Site Preparation & NAVAIDS Project, Broward County, FL
- FDOT Districts 4 & 6 Districtwide Materials Testing Construction Support Continuing Contract
- School District of Palm Beach County Geotechnical and Testing Continuing Services Contract
- City of Palm Beach Gardens Geotechnical Professional Services Continuing Contract
- Miami Dade College Geotechnical and Testing Continuing Services Contract
- Palm Beach County Geotechnical and Testing Continuing Services Contract
- Miami Dade County Geotechnical and Testing Continuing Services Contract
- Max Planck Florida Institute, Florida Atlantic University Palm Beach County, FL
- Riviera Beach Marina District South, Palm Beach County, FL
- Fire Station No. 72, Palm Beach County, FL
- Everglades Agricultural Area Flow Equalization Basin A-1, Palm Beach County, FL
- City of West Palm Beach Water Treatment Plant Laboratory Testing Services
- South Olive Ave. Improvements (Southern Blvd.-Belvedere Rd.), Palm Beach County, FL
- Hillsboro Canal Bank Stabilization, Palm Beach and Broward Cos, FL

Professional Registration and Certifications:

- Registered Professional Engineer, Florida #74582 (2012)
- CTQP Earthwork Construction Inspection Levels 1 & 2
- CTQP Quality Control Manager Florida Department of Transportation August 2013
- Qualified Storm Water Management Inspector Inspector No. 16155, Florida Department of Environmental Protection Hazmat refresher Nuclear Gauge Safety

Education:

- B.S., Civil Engineering Florida Atlantic University, Boca Raton, FL

Capabilities:

- Geotechnical Engineering
- Project Management
- Construction Materials Testing
- Roadway Soil Survey
- Water Distribution Systems Engineering
- Stormwater Mgmt Systems
- AutoCAD, ArcGIS, AERMOD View, EPAnet, MathCAD, Cascade, Haestad Methods, gINT, Microstation, FB Deep
- Environmental and Geotechnical Modeling
- Estimating



Glenn Davis

Senior Operations Manager (FL)
Quality Counts, LLC – Fort Lauderdale, FL



EXPERIENCE

Mr. 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 is a graduate of Florida Atlantic University with a Bachelor's of Science degree in Business Management. **Total Experience: 8 years**

PROJECT MANAGEMENT

Mr. Davis is directly involved with all of QC's projects for the Florida offices and oversees all operations for the Florida market. This role includes experience in estimating, organizing, managing, and delivering all manner of projects for QC.

PROJECT EXPERIENCE

Corrine Dr Corridor Study – MetroPlan Orlando – 2017:

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. Contact: Nick Lepp at 407-481-5672 x 324

UM Campus-wide Parking Lot Study – University of Miami – October 2016:

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 Ave Trip Diversion and Multimodal Connectivity Study – City of Orlando – June 2016:

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. Contact: David Nelson at 407-487-0061

Sawgrass Mills Area Traffic Study – Broward County – February-April 2016:

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. Contact: Antoine Khoury at 954-903-3620

Glades Road Interchange PD&E Study – FDOT District 4 – September 2015:

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. Contact: John Arrieta at 561-994-6500

FDOT Annual Pedestrian and Bicycle Counts – FDOT – 2015:

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. Contact: Brett Boncore at 407-540-0555

2016 Highlands County Annual Traffic Program – Highlands County – 2015:

Quality Counts was subcontracted by the Highlands County to perform 24-hr volume, speed, and classification counts for 197 locations around throughout the county. Contact: Kenya Anderson at 863-402-6877

Bluetooth Before & After Travel Time Study – MetroPlan Orlando – 2014 to Present:

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

Fort Myers Beach Roundabout Feasibility Study – FDOT District 1 – 2014-2015:

Quality Counts was subcontracted by RK&K to perform AM and PM TMCs at 16 locations, 24-hr tube volume tube counts at 67 locations, 3-day classification tube counts at 4 locations, and multiple-day travel time runs throughout Fort Myers Beach. Along with the TMC data, Quality Counts was also required to conduct queue studies with saturation flow at three of the intersections, of which queues for particular legs extended beyond a mile and required multiple cameras that were concurrently-funning and time-synced to allow for accurate documentation of queue lengths. Contact: Charles Bleam at 863-682-4081

I-95 Interchange PD&E Study (Palm Beach County Interchanges) – FDOT District 4 – 2012-2013:

The purpose of this study was to determine peak traffic and average daily travel for each interchange of I-95 throughout Palm Beach County, 17 in total. Quality Counts was subcontracted by Kittelson to perform 24-hr volume approach counts at an average of four intersections per interchange, along with AM and PM Peak TMCs (through use of video) and two 24-hr classification counts per interchange. Data was collected for two full interchanges per week. Contact: Thuha Nguyen at 954-560-5251

I-95 Interchange PD&E Study (Broward County Interchanges) – FDOT District 4 – 2011-2012:

The purpose of this study was to determine peak traffic and average daily travel for each interchange of I-95 throughout Broward County, 17 in total. Quality Counts was subcontracted by URS to perform 72-hr volume approach counts at an average of four intersections per interchange, along with 8-hr TMCs for three consecutive days (through use of video) and two 72-hr classification counts per interchange. Data was collected for one full interchange per week. Contact: John Arrieta at 561-994-6500

E. Evaluation Criteria

4. Project Approach

The purpose of this contract is to provide professional engineering and related services for transportation and general civil engineering projects, which includes all engineering specialties necessary and related to the design, construction and construction management of these projects. Having administered these exact services under the ongoing continuing services contract, we are very familiar with the scope of services being asked of our team. We also understand the challenges associated with this type of contract.

Understanding of the scope of services

As outlined in the RFQ, we understand the potential scope of any work assignment to fall within the following parameters:

- Records research and data collection
- Field site visit and review of project requirements and constraints
- Right-of-way engineering
- Project Development and Environmental (PD&E) Studies
- Highway Design Roadways
- Highway Design Drainage
- Stormwater pollution prevention plans
- Highway Design Bridges including Movable Bridge Design
- Miscellaneous structures design
- Bridge Inspection including Movable Bridge Inspection
- Plans Review
- Traffic Data Collection
- Traffic Engineering and Operations Studies
- Traffic signalization design
- Maintenance of Traffic design
- School zone flasher design
- Lighting design
- Traffic communications systems design and/or implementation
- Intelligent transportation systems design
- Public involvement activities
- Permitting
- Surveying and Mapping
- Soil Exploration, Material Testing and Foundations
- Sub-surface Utility Engineering (SUE)
- Utility Coordination
- Environmental engineering
- Construction Engineering Inspections
- Engineering Construction Administration and Management
- Architecture
- Landscape Architect
- Construction cost estimating
- Bid and contract award
- As-built records engineering
- Construction Planning Services
- CPM Scheduling
- Value Engineering

Our team has been developed to cover these specific elements of work. Furthermore, our team has also been exposed to many of these work types under the current continuing services contract. Utilizing our experience will help the County to administer this contract with no learning curve and a solid understanding of how the work authorizations are developed and executed.

Potential challenges

Having managed the existing continuing services agreement, our team has extensive understanding of the numerous challenges encountered under this type of contract. From administrative to technical, our team will utilize our past experiences to help avoid delays in the development and execution of time-sensitive work assignments. Below is a list of challenges and our approach to avoiding and successfully overcoming them.

Challenge: Duration it takes from project assignment to work order execution.

Resolution: Under the existing continuing services contract, we have found that it can often take a considerable amount of time to develop the scope document and schedule negotiation meetings. We have been able to streamline the process by first understanding the County's process and then educating our team members of the process. Currently, we prepare the scope and submit as a draft to the client/PM for review, after receiving the comments, the client will then get the sunshine meeting setup while Atkins is preparing the man-hour estimate to complete the task, this revised process has reduced the time for the project by approximately 4-5 weeks.

Challenge: Overseeing multiple work authorizations simultaneously.

Resolution: As the contract is utilized and various work authorizations are executed and concurrently ongoing, it will take a seasoned Project Manager to oversee and monitor each assignment's schedule and progress. Mr. Khoury is dedicated to this contract and has routinely oversaw 10 to 15 different assignments under the current continuing services contract. He is 75% available for his proposed contract.

Challenge: The schedule for each specific work order is unique and will require dedicated staff to meet the milestone deliverables.

Resolution: Our team understands the importance of every schedule and the need to meet or exceed the deliverable deadlines. The proposed staff has an average of 75% availability, with flexibility to increase the availability of specific staff depending on the County's needs. We are committed to working closely with the County to develop each unique schedule and meeting the agreed-to deadlines.

Challenge: Coordination with utility companies, County departments, and other third parties.

Resolution: Utility coordination is another challenge in highly urbanized cities/counties like Broward County due to numerous utility providers in an area that is reflective of a Highly Urbanized Area. Atkins will start the process at the 30% plans and ask the utilities identified by Sunshine One-Call to provide color-coded provided plans and the biggest challenge is to get these utility providers to respond within the required time frame. The team will designate one person to follow up with that provider on a weekly basis until we receive a response. That utility will be contacted again during the VVH investigation when the SUE service provider contacts them to verify their lines. This was used on several projects for Broward County and was determined to be highly effective in locating all the conflicts with the utilities which resulted in modifications to the plans prior to the start of construction by avoiding the need for time extensions and change orders for contractor delays.

Challenge: Monitoring project budgets compared to the actual construction costs as the design is developed.

Resolution: Construction budgets are often set in the very beginning of a project's timeline. As the design is developed, it is important to monitor the estimated construction costs and alert the County if there are changes to the design that alters the projected construction costs. This allows the County to adjust their construction budgets and reallocate funds accordingly. Our team will perform a detailed constructability review at the 60% design phase and update the construction estimate to ensure that the allocated funding is adequate or not. The benefit of this has been demonstrated in reduced delays to the schedule and the number of comments to be received from the client on the construction plans.

E. Evaluation Criteria

5. Approach and Understanding of Continuing Engineering Services and Responsibilities

Atkins has provided continuous engineering services (CES) to multiple agencies, including FDOT, Broward County Highway Construction and Engineering Division, Florida's Turnpike Enterprise, Seminole County, Orange County, Miami Dade County, City of Miami Beach, City of Miami, City of Coconut Creek, City of Oakland Park, and the City of Pembroke Pines. The approach to a CES contract involves having a consultant that can provide a myriad of services based on the need of the Client. multi-discipline services under one contract umbrella. A GEC serves as an extension of Broward County staff and can provide all services that is needed to complete any assignment. The GEC will provide client the necessary staff to ramp up and down according to Broward County needs. Furthermore, the PM top priority will be to be responsive to the client needs and will have the capability to identify the team that is needed to complete the requested tasks. Atkins will provide the services that is needed while being responsive and open to any type of assignment such as: Transportation design and planning, traffic engineering operations and design, multimodal/transit systems, structural bridge design, public information, Intelligent Transportation system, master plan design, Landscape Design and Inspection services and Construction Inspection Services. The services that Atkins will rely on subconsultants to complete include: surveying and ROW mapping, geotechnical services, utility and civil design/permitting, traffic data collection, assistance in Movable Span Bridge Design, and subsurface utilities coordination and verifications. Atkins anticipates that each assignment will require a multiple disciplines approach to complete. Atkins has been able to assemble the team to address and complete all types of work authorizations since the inception of the Broward County GEC Contract.

E. Evaluation Criteria

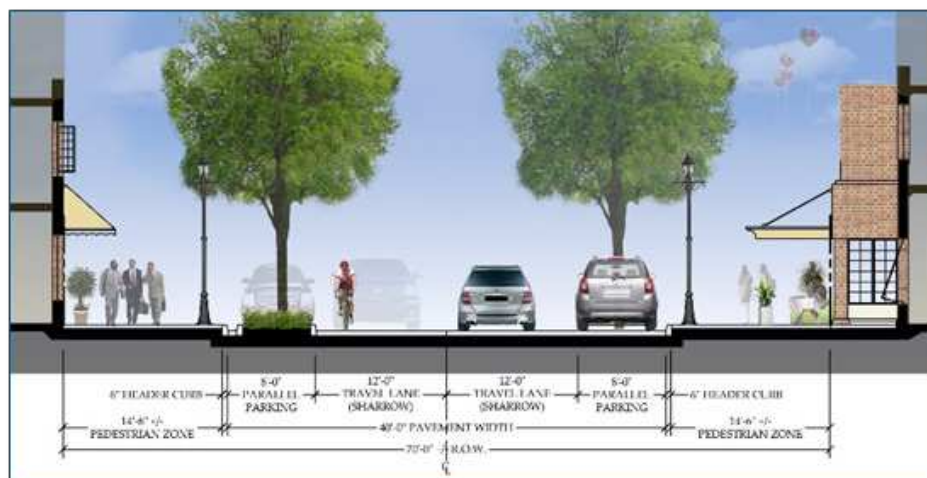
6. Approach to Implement Complete Streets

“Complete Streets” are streets for everyone. They are designed and operated to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities. Complete streets make it easy to cross the street, walk to shops, and bicycle to work. They allow buses to run on time and make it safe for people to walk to and from train stations. There is no singular design prescription for complete streets; each one is unique and responds to its community context. A complete street may include: sidewalks, bike lanes (or wide paved shoulders), special bus lanes, comfortable and accessible public transportation stops, frequent and safe crossing opportunities, median islands, accessible pedestrian signals, curb extensions, narrower travel lanes, roundabouts, and more. A complete street in a rural area will look quite different from Broward County’s Complete Street Initiative projects, but both are designed to balance safety and convenience for everyone using the road.

Atkins has been deeply involved in complete streets programs for FDOT, transit agencies, and county and local agencies for the past 10 years. We have planned, designed, and provided construction oversight of complete street projects for many of our clients. They include context-sensitive design recommendations for SR 39/Collins Street in Plant City, FL; SW 52nd Street in Miami, FL; and Virginia Street in Reno, NV; conversion of one-way streets in the Ybor City area of Tampa, FL; a road diet study for Main Street in Pensacola, FL, (which has since been implemented); mobility enhancement studies on SR 21 and SR 200 in northeast Florida; and complete streets enhancements around the University of South Florida campus in Tampa.

Such improvements can be implemented in areas that want to be a walkable community and create a downtown feel for areas where pedestrians, cyclists, and limited vehicle movements can interact in a safe manner. Atkins’ has experienced that complete streets initiatives are conducive to highly populated areas and nearly built-out communities of Broward County. In those areas, the need for an alternative to traditional roadway improvements/widening is limited by ROW constraints and the existing utility networks.

Many communities are now requiring transportation agencies to plan and design roadway corridors with the goal of accommodating all users safely and in a manner, that is sensitive to the surrounding context by revising roadway policies and standards to address features such as lane widths, design speeds, turning radii, placement and design of crosswalks, incorporation of countdown timers, pedestrian intervals, bike lanes and separated bicycle facilities, and on-street parking. Atkins has completed several corridor studies in recent years that address many of these issues. They include context-sensitive design recommendations, and implemented mobility enhancement studies and complete streets enhancements.









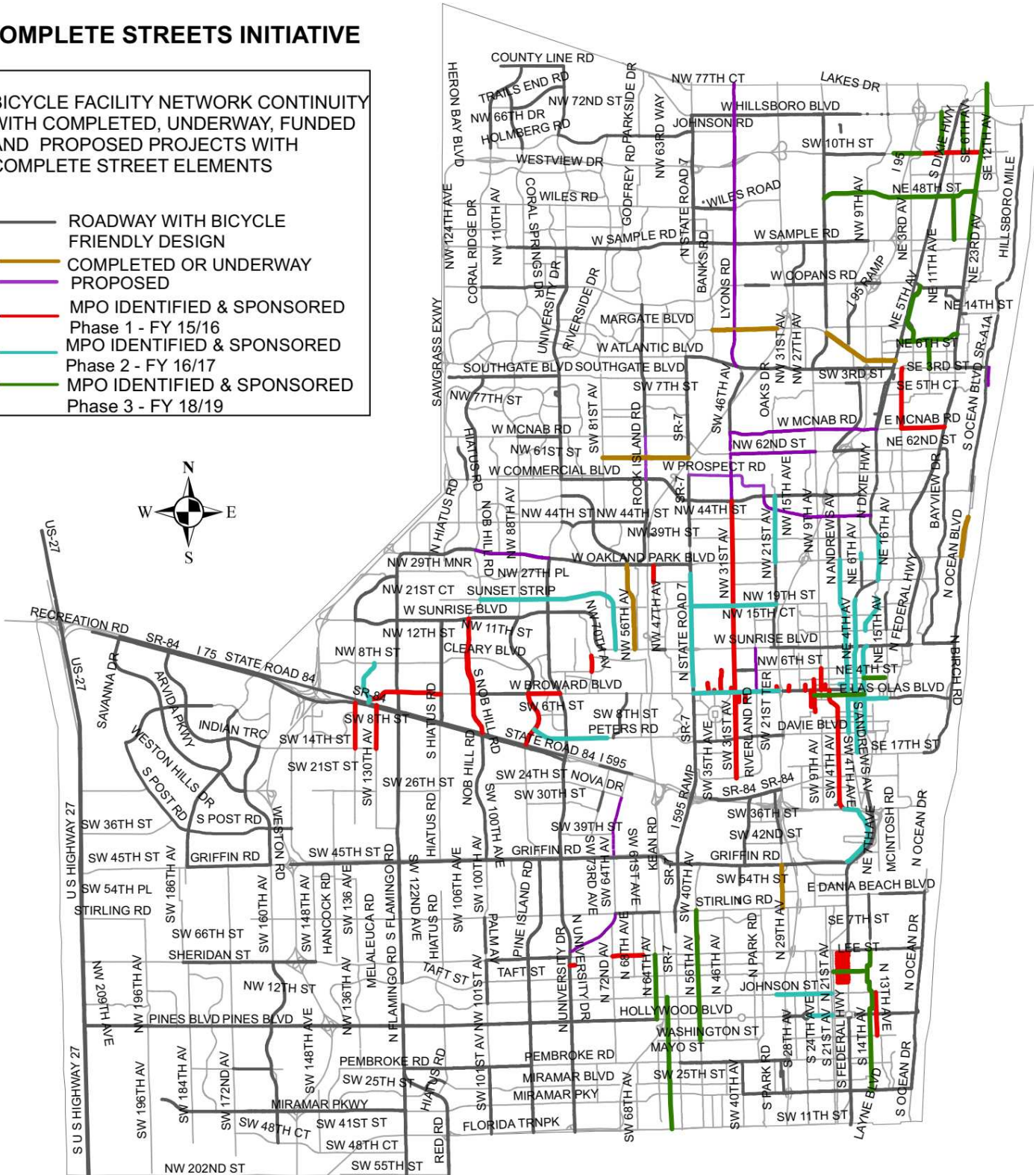
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BROWARD COUNTY

COMPLETE STREETS INITIATIVE

BICYCLE FACILITY NETWORK CONTINUITY WITH COMPLETED, UNDERWAY, FUNDED AND PROPOSED PROJECTS WITH COMPLETE STREET ELEMENTS

-  ROADWAY WITH BICYCLE FRIENDLY DESIGN
-  COMPLETED OR UNDERWAY
-  PROPOSED
-  MPO IDENTIFIED & SPONSORED Phase 1 - FY 15/16
-  MPO IDENTIFIED & SPONSORED Phase 2 - FY 16/17
-  MPO IDENTIFIED & SPONSORED Phase 3 - FY 18/19



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E. Evaluation Criteria

7. Evidence of Knowledge and Experience

Our team has performed design services for FDOT for more than 50 years. We have extensive experience working closely with FDOT as a trusted advisor. We full knowledge of their standards, specifications, design procedures, and plan production protocols. We have also provided consulting services for various departments around the County including the Highway Construction and Engineering Division, Transit, and Port Everglades. Our experiences with each client is unique and will be drawn upon as valuable experience to implement on this continuing services contract.

Roadway and civil engineering improvements

The majority of the work assignments from our existing continuing services contract with Broward County Highway Construction and Engineering Division are associated with roadway and drainage design elements. Our seasoned team can address any type of roadway design, from planning concept to final construction documents. As a team, we have completed hundreds of roadway design projects across the state, and those resources are available to support this contract as needed. A small sampling of local projects includes:

- SR A1A/North Ocean Boulevard (Oakland Park Boulevard to Flamingo Avenue)
- SR 814/Atlantic Boulevard (west of SR 5 [US 1] to SR A1A)
- SR 814/Atlantic Boulevard (east of I-95 to west of US 1)
- SR 811/Dixie Highway Reconstruction
- Hiatus Rd. widening plan review,
- Pine Island Rd. widening Traffic Control Plans, Signing and Pavement Markings, and Signal Design
- Deerfield Island Fire Line
- Delevoe Parking construction plan
- Ravenswood plan reviews
- Pembroke Rd. drainage design and permitting.

Construction engineering and inspection (CEI) services

Our team has performed CEI services for FDOT and other municipalities across the state, including multiple assignments under the current continuing services contract. We understand the nuances of finding the right types of inspectors and field personnel for each specific type of construction project. A small sampling of our team's CEI experience includes the Widening of I-75 from Harborview Road to Sumter Blvd. in FDOT District One, Lee County MPO Complete Streets, US 41 & SR/CR 951 Intersection Improvements in Collier County, and roadway resurfacing improvements to SR 95 in Escambia County.

Traffic signal intersection and operations

Our team has extensive experience with the design of traffic signals including the development of signal timings. We have conducted signal re-timing projects for multiple FDOT Districts as well as additional timing development while designing new traffic signal installations including many locations for Broward County. Additionally, the Atkins team was responsible for the operations of 11 arterial corridors through the Orlando area through FDOT's Active Arterial Management project. This included baselining the traffic flow along the corridors and working with our team to develop signal timing adjustments to help the roads operate more efficiently. Additionally, Atkins personnel monitored and managed the corridors 16 hours a day, Monday through Friday; and 12 hours a day on the weekends. During this time, the personnel utilized Tactics and ATMS to monitor the health and operations of the signals along the corridors.

Advanced transportation management systems (ATMS)

Our team is responsible for the design upgrades of many ATMS operating within the state. These include the Orange County ATMS, Sarasota ATMS, Manatee County ATMS, and Osceola County ATMS. These projects include the design of signal controller upgrades, communication system upgrades including new fiber design and design of closed circuit television (CCTV) cameras at various locations throughout the project areas. Additionally, our team has assisted with the integration of some of these projects into existing ATMS software installations and the startup of one new ATMS software system. These projects were procured through various methods including design-bid-build, design-build, and system manager contract methods.

Traffic signal communication system technologies

Our team has extensive experience with the design and implementation of traffic signal communication system technologies across the country. Within the State, we have developed design plans for the installation of fiber optic communications systems for Orange County, Sarasota County, Manatee County and Osceola County. Our team has designed fiber optic connections and the communications equipment for various signals locations. Our signal designs for Broward County Highway Construction and Engineering Division have included the standard Broward County cellular modem equipment to connect to their system.

School zone flasher systems

Under the current continuing services contract with Broward County Highway Construction and Engineering Division, our team has completed several school safety improvement projects including Atlantic Trail Head Signal, Cooper City High School, Pembroke Lakes Elementary School Zone Safety Study, American Heritage School, Westglades Middle School, and Stoneman High School. We are familiar with the County's preferences associated with these safety sensitive areas, and we will continue to utilize this hands-on experience on future school zone flasher system projects.

E. Evaluation Criteria

8. Design and Construction Management Methods and Techniques

As the prime firm, Atkins will be responsible for oversight of all construction management decisions. Our team's hierarchy empowers our project manager to work with the team to assess all decision-requiring situations. Our PM has access to a deep cadre of more seasoned and experienced staffing for feedback and input associated with making any decision that will not have any additional costs or will have no significant cost on the under-run/over-run of the quantities; such as shifting sidewalks or an inlet to avoid conflicts or a utility, or the shifting of the inlets locations to avoid conflicts. The team will research and make a recommendation to the client when there is a need for change order due to unforeseen site conditions. Atkins believes that the contractor, the county, and CEI are partners to complete the delivery of the final product. The partnership under the current continuing services contract between our team and the County is an excellent example of how each entity works closely together to resolve issues and disputes without the need for escalation.

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 (NOI)** 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 being escalated to a full claim status.** At the end of the project, despite the need for plan changes and the mentioned 18 NOIs, the project was completed below the original contract amount.

Quality control

We will coordinate a complete quality control program and regularly report project issues to the County in the construction phases of any project. The team will oversee and track the project's documentation (daily, weekly, and monthly reports); design comments and responses, citizen complaints during construction and resolutions; submittals and approvals; requests for information; records of changed conditions; contractor proposals; meeting agendas and minutes; periodic project reports; plan modifications; change orders; final estimates; schedule reviews; closeout inspections; final drawings; and warranty inspections.

Communication

It is critical to establish lines of authority and communication. Keys to good project coordination are open lines of communication, quick response to inquiries, and an understanding of all the agencies involved in each specific project. Foremost is constant communication with the County project manager. Should a project include FDOT funding, communication with the FDOT liaison will also be necessary. Atkins will provide a monthly status report throughout the duration of the project. This status report is meant to be your quick reference tool to rapidly review the project's progress. The report will include a summary detailing the planned vs. actual project progress, a description of work performed during the previous month, and planned activities for the upcoming month.

Schedule

During the construction phase of a project, it is essential that the project schedule is accurately maintained. Comprehensive schedule analysis is a technical specialty and Atkins has the in-house technical professionals who specialize in schedule analysis and control. To facilitate project execution, Atkins will provide oversight and evaluation of the contractor's baseline CPM schedule and all corresponding updates. Atkins schedule control traditionally entails reviewing the contractor's schedule and updates for accuracy, compliance with the contract documents, and actual correlation with the field observations. Based on the review, a report is prepared indicating not only the current project status, but also highlighting the situations that need additional attention from the project management team (i.e. lack of progress, changes in project sequencing, time compressions, etc). Through this review, the reliability of the projected forecast completion is verified, and potential project delays are identified and documented. The schedule update report is discussed

during project meetings to ensure a proper understanding and timely action that needs to be taken by all parties involved. This procedure for the review of schedule updates has proven to be an effective tool to closely monitor and document the project execution.

Cost control

With all projects, Atkins places emphasis on accurately tracking project funds, beginning in the design phase and carrying through to construction. Construction cost control includes the effective use of the budget by the contractor. Unforeseen site conditions and material overruns and under runs are not uncommon. Should the contractor request additional funding for overruns or unforeseen conditions, the Atkins team will thoroughly evaluate the request prior to recommending any additional funding. Communication and direct interface are critical to resolving permitting issues, plan discrepancies, budget issues, field conflicts, and unforeseen or changed conditions. Atkins will provide Broward County with an efficient and responsive team, fully capable of handling all project details.

Conflict resolution

Our approach to resolving conflicts that occur throughout the project's construction is to prioritize issues based upon their impact to production or their potential for a change request. Conflicts and unforeseen conditions can significantly influence project progress as well as increase costs. Atkins will work closely with the contractor to vigorously pursue solutions by providing immediate and swift decisions that will allow the contractor to continue production work.

E. Evaluation Criteria

9. Knowledge and Experience with Scheduling

Every work authorization will revolve around a schedule. It will be critical to develop the schedule, identify deliverable milestones, and solicit buy-in from the County and project team at the onset of the project. The schedule not only identifies the deliverable milestones, but also identifies the critical path to follow and keep the project on schedule.

Once a schedule has been identified and agreed upon, it is the PM's responsibility to oversee the project's progress and track it against the schedule. Each assignment's execution will be handled in a phased approach, and will be closely monitored by the PM to ensure efficient performance. Atkins provides monthly schedule updates with a look-ahead to make certain the project tasks are progressing as planned and critical path activities are constantly being monitored and addressed. The PM will identify potential conflicts or delays early and identify a correction plan to maintain the project schedule. Atkins has provided, and is still providing, FDOT District 4 with scheduling and support services since 2007. Our scheduling experts available for our team to utilize as needed.

Atkins has a group of professionals that provide program and project control services in South Florida for entities such as FDOT Districts Four and Six, City of Miami, Miami-Dade Water and Sewer and City of Miami. Our project control professionals perform a full range of scheduling services such as phasing schedules, project duration determination schedules, baseline schedule reviews, monthly schedule update reviews, pay requisition verifications, verification of physical progress via percentage of completion, actual dates data verification, critical path method (CPM) analysis, construction sequence validation, schedule logic analysis, completion forecast validation, and resource and cost loading analysis. Our professionals are proficient in the development and update of critical path method schedules using state of the art tools such as Primavera P6 and Microsoft Project. Our professionals use a proactive approach that includes the preparation of detailed scheduling reports that indicate not only the project's status, but also highlight the situations that may need additional attention such as lack of progress, changes in the project sequencing and time compressions. Our team also includes claims analysts that have demonstrated their knowledge and experience in the resolution of construction claims/disputes including contract compliance, entitlement analysis, time impact analysis, and cost and damages calculations. We are thoroughly experience in the preparation and review of project schedules for different delivery methods such as design-bid-build (traditional), construction management at-risk (CMAR) and design-build.

E. Evaluation Criteria

10. Past Performance

Atkins

Professional Services for Transportation Engineering and Planning

Vendor Reference Verification Form included

Owner/Client: City of Altamonte Springs

Contract begin and end date: 8/1/12 – 7/31/18

Contract amount: 11 work orders totaling \$1,563,144.

Description: This is a Master Service Agreement for professional services for the City of Altamonte Springs in Transportation Engineering and Planning. Eleven work orders have been 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 r/w 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.

Design and Post Design Services for SR A1A from SR 816 / Oakland Park Blvd.. to Flamingo Avenue

Vendor Reference Verification Form included

Owner/Client: FDOT District 4

Contract begin and end date: July 2014 – Ongoing

Contract amount: \$1,511,395.04

Description: The project purpose was to prepare construction plans for the reconstruction of SR A1A by reducing the travel lanes to 10' in each direction with the addition of a 6 foot buffered bike lane, drainage system modifications, Americans with Disabilities Act upgrades, signing and pavement markings modifications, addition of proposed mast arms at two intersections, new decorative lighting, and hardscape elements.

Design and Post Design Services for Bridges on SR 714 / Martin Downs Blvd.. over Danforth Creek

Vendor Reference Verification Form included

Owner/Client: FDOT District 4

Contract begin and end date: Nov. 2014 – Feb. 2017

Contract amount: \$243,529.78

Description: The project purpose was to provide rehabilitation of bridges over SR 714 / Martin Downs Blvd. and the adjacent Pedestrian bridge to include drainage system improvements/permitting, the addition of approach slabs for the existing pedestrian structure, slope protection at all end bents, safety barriers, guardrail and handrail modifications for safety adequacy, and use of ultra-high performance concrete.

Capital Program Support Services

Vendor Reference Verification Form included

Owner/Client: City of Miami

Contract begin and end date: May 2013 to May 2017

Contract amount: \$4,035,000

Description: The purpose of this contract was to provide support services to the city of Miami in the following and any other assignments deemed necessary to the city in the delivery of the capital program.

Those services included by not limited to, preparations of reports, studies, project management, production management, construction administration oversight, cost estimation, assistance for in-house design, permitting, value engineering, scheduling, and cost estimating.

Nova

Design Services for WWTP Under a Consent Decree

Vendor Reference Verification Form included

Owner/Client: Miami Dade Water & Sewer Department

Contract begin and end date: 2015 – Ongoing

Contract amount: \$1,020,000

Description: The Miami Dade Water and Sewer Department (MDWASD) is responsible for the collection, treatment and disposal/reuse of wastewater generated within its tributary area, serving a population of almost 2.3 million, and operates three wastewater treatment plants: (1) The North District (NDWWTP), (2) the Central District (CDWWTP) and the (3) South District (SDWWTP). Due to the age and conditions of these assets, all the facilities are in need of upgrades consisting of repairs, rehabilitation, replacement and renewal for various treatment components. Under a Consent Decree (CD) various projects are being undertaken to reduce exceedances of treated effluent limitations.

Nova team member, MWH, is serving as the Prime engineering design consultant on the projects, and Nova is serving as a sub consultant. Nova's scope of services include process mechanical design, conceptual design drawings employing 3-D BIM; final design documents including drawings, technical specifications, calculations, and cost estimates; permitting and bidding procurement services.

Keith and Associates

Holmberg Roadway Improvements

Owner/Client: City of Parkland

Description: Keith and Associates Inc. was selected to provide professional engineering design and related services to the City of Parkland for roadway improvements along Holmberg Road between Pine Island Road to the west and University Drive to the east. The roadway improvements included incorporating new dedicated bicycle lanes and roadside swales along both sides of the roadway, roadway milling and resurfacing (with some widening), miscellaneous safety improvements, landscape adjustments, overall drainage and roadway improvements. The scope of services for this project includes: Surveying, Utility Locating Subsurface Utility Engineering (SUE), Engineering, Permitting and complete Construction Administration. Phase II of the project included the addition of Roadside Flashing Beacons (RRFBs) at the intersection of Holmberg Rd.. and NW 87th Ave.

PDS

North Perry Park & Ride A/E Services for Transit Division

Vendor Reference Verification Form included

Client: Broward County Board of Commissioners

Contract end date: Completed 12/2014

Description: The Park and Ride facility located at the North Perry Airport provides a location that allows residents in the vicinity of Pembroke Road and University Drive the ability to utilize the Broward County Transit System for transportation throughout the County. The Transit Department provides this facility with over 175 parking spaces and access to major transit routes throughout Broward County.

Premiere Design Solutions (PDS) provided design, permitting and engineering services during construction for the development of this parking site. The project was fast tracked with the City of Pembroke Pines and County governmental agencies, as well as the Broward County Aviation Department for the development of this site in just a few months. The fast tracking included the design and obtaining the necessary permits in just under 30 days. The PDS design included the new pavement section design and the drainage system to serve the parking Facility in order to meet local permitting code criteria.

Additional Experience (Vendor Reference Verification Form is not included)

RADISE

I-75 Express Lanes-Segment E

Owner: Florida Department of Transportation

Client: Terracon Consultants, Parsons Brinckerhoff, Dragados USA

Contract begin and end date: 11/2013-10/2013

Description: RADISE supported a preliminary design and engineering study for the proposed improvements along the I-75 (SR 9) corridor. The project limits were approximately from the Miami-Dade County/Broward County line to North of I-595 Interchange in Broward County. The length of the project was about 12 miles. RADISE provided Geotechnical Engineering Services including a soil survey. The work involved field exploration/testing as well as laboratory testing. Mobilized equipment, drill rig, and performed boring layout for the roadway. Roadway testing included standard penetration tests (SPT) borings, Atterberg limits, moisture content, sieve analysis, organic content and borehole grouting. Borings were also done for noise walls and a bridge.

E. Evaluation Criteria

11. Quality Control

The importance of quality control (QC) cannot be overemphasized. The objective of our QC process is to promote the development of project and construction documents that are complete, accurate, and appropriate for their intended use. Our QC philosophy and processes are discussed in detail in this section.

Proposed Quality Control Program

By specific corporate policy, every project deliverable prepared by our team must undergo a QC review to verify that the product was prepared in accordance with accepted standards of our professional practice and in accordance with the requirements of our client contract. Going above and beyond our corporate policy, controlling the quality of our deliverables begins with controlling the quality of the overall management of our projects and continues with every task in a project's life.

Our focus on quality begins with our PM, Mr. Khoury, who is ultimately responsible for the quality of all work products. His efforts are monitored through regular audits by our principal of the firm, Mr. Novello, to verify that our management team and staff – as well as our subconsultant partners - are providing quality service and deliverables. Additionally, a corporate-level audit is conducted, on a periodic basis, on all of Atkins' operating units to confirm compliance with the QA/QC procedures.

Our team will require the PM and discipline leads to document how the project will proceed in a project control plan. The project control plan is an important tool in the overall QA/QC process, as it serves as a project-specific guide for the control of the contract, production, and quality. Specific elements of this project control plan include:

- Project description with notation of special project issues
- Detailed scope
- Schedule with tasks, milestones, deliverables, and QC review windows
- Staffing plan
- Quality control plan
- Budgets and billing plan
- Communication and document control plan
- Internal kickoff meeting agenda and minutes

Within the project control plan, the QC plan details the general QA/QC procedures that all deliverables, including data, calculations, documents, reports, and plans, must follow the project-specific itemized list of those deliverables. Our QA/QC procedures set the standards of quality to be applied on all work assignments under this contract. A key component in our ability to deliver projects on time and within budget is the structured adherence to these QA/QC procedures. In this process, we strive to prevent errors, eliminate rework efforts, and provide the best value to the County. At the heart of our QA/QC procedure is a defined five-step process for each project element, executed at milestone and/or project deliverable points identified in the project's schedule.

- The work product and supporting documentation are gathered and delivered to the QC reviewer from the developing lead technical professional (LTP).
- The QC reviewer completes a review by indicating both items verified and those that may require correction or further clarification. Upon completion of the review, the QC reviewer returns documents to the LTP.
- The LTP reviews the QC comments with the design and management team, and indicates concurrence by a red check mark. If there is a difference of opinion, resolution is reached through the use of another qualified technical resource.
- The agreed upon adjustments are made to the document by the design team, and a clean revised document is sent back to the QC reviewer.

- The QC reviewer checks the revised document and verifies by a green check mark that the appropriate changes were made. The final step in our QA/QC process is quality assurance, preformed by the project manager’s supervisor, verifying that the five-step process was appropriately performed,

Five-step quality control review process

How Atkins verifies the delivery of quality work products that meet project objectives and client requirements

Step	Description	Owner
1 Ready for review	A work product is considered “production complete.” The work product may include, but is not limited to, plans, specifications, cost estimates, and reports at various contract-defined milestones.	Originator/ lead technical professional ⁽¹⁾
2 Review	An independent review of all work products is performed for accuracy, completeness, and conformance to the contract, applicable codes/standards, and client requirements.	Independent reviewer
3 Resolve comments	Lead technical professional and independent reviewer work together to resolve each comment as accepted, addressed in a future submittal, or rejected.	Lead technical professional
4 Changes made	Changes addressing comments are incorporated, resulting in an updated “clean copy” of the work product.	Originator
5 Verify	Review of “clean copy” verifies and agrees with the changes made to the work product. Step 5 is a critical element of checks and balances built into our QC process.	Independent reviewer
5a QA certified	Independent verification that the QC process is complete, which results in the work product obtaining QA certification (i.e., ready for submittal to the client).	Project quality manager

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

This procedure is a means of checking, back checking, and verifying work products to be certain a quality work product is properly detailed. A quality work product is one that meets the requirements of our contract and is prepared in accordance with accepted standards of professional practice. It is essential that our projects be staffed with personnel who are appropriately qualified to perform their respective assignments, and that their work be reviewed likewise by staff. The time and budget necessary for proper QC must be provided. If they are not, QC must still be performed. Our team’s “culture of quality” is fostered by employees who take ownership in their assignments and projects, and exercise great care for how the work is prepared every step of the way. It is woven through our staff, from management to technical and administrative professionals. These individuals work together to ensure our deliverables meet the standards and expectations of both our team and the County. We also take great pride in delivering a job well done by paying strict attention to detail, no matter how large or small the task at hand. These inherent traits, when combined with our structured QA/QC procedures, produce accurate, high caliber work. Atkins understands the importance the County places on providing quality transportation facilities, and we place the same emphasis on the quality of products we prepare for our clients. Our team has spent many years learning, evolving, and incorporating lessons learned to continuously improve product quality for our clients. If, at any time, the County would like to review our QA/QC documents, they will be provided immediately upon request. We hold each member of our design team accountable and will never sacrifice deliverable or product quality, even under tight deadlines. **All Atkins’ subconsultants will follow a similar process to QC that Atkins applies internally. As the lead, Atkins will review our subconsultants’ work product for accuracy, thoroughness, and consistency with other project elements prior to submitting to the County.** As PM, Mr. Khoury has this ultimate responsibility and will ensure our QA/QC standards are adhered to internally and externally for all work.

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E. Evaluation Criteria

12. Workload of Firm

Having the right people at the right time is one of the keys to delivering a successful work program. Atkins is committed to providing Broward County with a core team of full-time staff dedicated to this project.

Atkins currently is only managing two GEC type of contracts in the Ft. Lauderdale office for FDOT and Broward County. The FDOT contract was for 5 years and the allocated funds were exhausted by year 3 due to work load. The current Broward GEC contract that will expire in May 2018. The current/proposed project manager is currently spends 70 percent of the time on the current GEC and does not serve as a PM on any other GEC contracts. The assignments for the type of projects executed under this GEC will vary drastically for each assignment. The key to a successful project delivery is to identify the team that will complete the assignment first, then prepare a scope based on the first meeting with the client in which the project PM is presented with the purpose of the project and to ask any questions to clarify any and all of the client expectations. Atkins will then prepare a scope and send it to the PM and contract manager for review, receive and incorporate the comments from Broward County PM into the scope, then Atkins will start to prepare and complete the man-hour estimate and submit the required package to the county for a Sunshine Meeting. Atkins has managed several projects for the current GEC and has provided all needed services with the assistance of our subconsultants.

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 on this project as soon as notice-to-proceed is issued. Atkins can provide these services by having over 250 employees in Ft. Lauderdale and Miami offices along with approximately 500 additional staff members in Florida alone that can supplant any services needed. Most of the proposed Atkins team has performed these services for the past 5 years under the current GEC contract. The biggest challenge for this contract is to consistently provide the needed services to the client while managing 10 to 15 active projects that are at different stages of completion, being responsive to assignments that are urgent services that the county needs while maintaining the same type of services for the existing projects. The attached list is a list of projects managed in Atkins Ft. Lauderdale office by some of the staff on the project team.

A list of Atkins' engineering-related projects in progress and completed and projected projects that currently have been awarded but not a NTP within the past 5 years that are managed out of our Ft. Lauderdale office is provided on the following page. Active projects are highlighted in yellow.

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

Active projects are highlighted in yellow.

Project	Owner	Project Manager	Start/ Compl Date
(INACTIVE [071911]) 10-11 TIM-CVO GEC Field	FDOT, Central Office	Ingrid L Birenbaum	02/01/2010 03/15/2015
(INACTIVE [071911]) 10-11 TIM-CVO GEC Home	FDOT, Central Office	Ingrid L Birenbaum	02/01/2010 03/15/2015
A282 Tunnel Interchange Underbridge Category 2 Assessment Services	Atkins Limited	Glenn F Myers	03/23/2015 03/28/2016
Aberdeen Western Peripheral Route and River Dee Crossing Design Services	Atkins Limited	Glenn F Myers	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	Glenn F Myers	10/15/2014 10/01/2016
Alsdorf Park Improvements	City of Pompano Beach	Harry L Belton	03/08/2013 10/15/2014
Atlas Homestead Landfill Expansion	Waste Management Inc. of Florida	Harry L Belton	04/02/2013 04/05/2013
BCHCED TA048, Dykes Road and SW 29th Street Intersection Post-Design Services	Broward County	Antoine I Khoury	02/29/2016 03/19/2017
BCHCED ANA 028 EOR and Pland Review Service for Pine Island Rd	Broward County	Antoine I Khoury	10/06/2014 10/06/2015
BCHCED ANA 26 Construction Completion Certification for Miramar Parkway	Broward County	Antoine I Khoury	09/17/2014 09/17/2015
BCHCED Atlantic Boulevard Traffic Signals TO23	Broward County	Dominic Novello III	07/28/2014 07/28/2015
BCHCED Hiatus Road Traffic Study Additional Services	Broward County	Dominic Novello III	08/01/2014 10/01/2014
BCHCED TA000, Atlantic Trail head Signal Design Services	Broward County	Antoine I Khoury	02/14/2014 02/21/2015
BCHCED TA001, Hiatus Road Subsurface Utility Engineering Services	Broward County	Dominic Novello III	08/05/2013 08/05/2014
BCHCED TA002, Pine Island Road Access Management Plan	Broward County	Dominic Novello III	07/29/2013 07/29/2014
BCHCED TA003, Pine Island Road Environmental Permit Assessment	Broward County	Dominic Novello III	07/29/2013 07/29/2014
BCHCED TA004, Pine Island Road (Nova Drive to SR 84) Widening Geotechnical Engineering Services	Broward County	Dominic Novello III	08/26/2013 08/26/2014
BCHCED TA005, Hiatus Road Mast Arm Structural Analysis	Broward County	Dominic Novello III	07/29/2013 07/29/2014
BCHCED TA0058 Everglades Holiday Park Lift Station Design Services	Broward County	Antoine I Khoury	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	Antoine I Khoury	08/05/2013 08/05/2014
BCHCED TA007, Hiatus Road Plans Review	Broward County	Dominic Novello III	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	Dominic Novello III	08/19/2013 08/19/2014
BCHCED TA009, Hiatus Road (Sunrise Boulevard to Oakland Park Boulevard) Traffic Study	Broward County	Antoine I Khoury	09/09/2013 09/09/2014
BCHCED TA011, Broward County Pavement Investigative Services	Broward County	Dominic Novello III	08/20/2013 08/20/2014

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

Active projects are highlighted in yellow.

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

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

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

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Project	Owner	Project Manager	Start/ Compl Date
D4 DW Minor Design TO3, Project Management Support Services	FDOT, District Four	Raul L Andujar	10/12/2016 05/12/2017
D4 DW Minor Design TO4, Project Management Support Services	FDOT, District Four	Raul L Andujar	10/13/2016 05/13/2017
D4 DW Minor Design TO7, SR 93 (I-75) Design Services	FDOT, District Four	Raul L Andujar	01/10/2017 07/10/2018
D4 DW Minor Design TO8, SR 823 (Flamingo Road) Post-Design Services	FDOT, District Four	Raul L Andujar	03/15/2017 08/04/2021
D4 DW Minor Design TO9, SR 7 Landscape Irrigation System Electrical Design Services	FDOT, District Four	Raul L Andujar	05/08/2017 08/04/2021
Delevoe Park Expansion Improvement	Broward County	Dominic Novello III	05/28/2014 05/28/2015
Department of Natural and Environmental Resources (DNER) Wetland Assessment RAM Methodology	Puerto Rico Dept. Natural Resources & Environment	Francisco Perez	09/23/2013 03/31/2014
Ely Bypass Gap Analysis	Atkins Limited	Glenn F Myers	03/09/2015 04/30/2015
Everglades Holiday Park Improvements	Broward County	Antoine I Khoury	06/30/2014 12/01/2014
Everglades Holiday Park Sewer Assessment and Pump Rehabilitation	Broward County	Antoine I Khoury	01/04/2016 12/31/2016
FDOT D4 I-95 Interchanges Design-Build Projects Proposal Reimbursement	FDOT, District Four	Dominic Novello III	01/01/2014 06/01/2014
FDOT D4 In-House Project Management Support, TO85	FDOT, District Four	Tzeyu Ng	12/11/2013 06/30/2016
FDOT D4 Local Agency Program Assignment Project Management Support, TO#74	FDOT, District Four	Michael Priory	07/01/2013 06/30/2014
FDOT D4 MD13 TO 27, SR-823 Guardrail Replacement for re-let FM 431156-2	FDOT, District Four	Raul L Andujar	02/01/2016 01/31/2017
FDOT D4 MD13 TO 28, NW 9th Avenue Post-Design Services	FDOT, District Four	Raul L Andujar	03/17/2016 03/31/2017
FDOT D4 MD13 TO 29, SR 714 Bridge Post-Design Services	FDOT, District Four	Raul L Andujar	03/01/2016 03/31/2017
FDOT D4 MD13 TO 30, NW 9th Avenue Post-Design Services	FDOT, District Four	Raul L Andujar	11/28/2016 11/28/2017
FDOT D4 Minor Design 13 TO2, I-95 St Lucie County Rest Area Rehabilitation FM433963	FDOT, District Four	Michael Priory	10/01/2013 04/30/2014
FDOT D4 Minor Design TO #15, Fishing Piers (over Jupiter Inlet) Replacement Design Services	FDOT, District Four	Michael Priory	04/30/2012 03/07/2014
FDOT D4 Minor Design TO #16, Signals - Pivot Hanger Upgrade Broward County FM 431802-1	FDOT, District Four	Michael Priory	07/19/2012 06/30/2013
FDOT D4 Minor Design TO #17, SR-823 Guardrail and Slope Protection Work FM#431156-1	FDOT, District Four	Michael Priory	05/30/2012 09/05/2014
FDOT D4 Minor Design TO #18, Signals - Pivot Hanger upgrade Broward County FM 431803-1	FDOT, District Four	Michael Priory	07/17/2012 06/30/2013
FDOT D4 Minor Design TO #19, SR-510/Wabasso Causeway (over Indian River Lagoon) Bridge Repair	FDOT, District Four	Michael Priory	08/10/2012 03/07/2014
FDOT D4 Minor Design TO #21, Signals - Pivot Hanger Upgrade Broward County FM 431802-1 Post-Design Services	FDOT, District Four	Michael Priory	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	Michael Priory	06/05/2013 08/01/2015

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Project	Owner	Project Manager	Start/ Compl Date
FDOT D4 Minor Design TO 27, Broward Boulevard at NW 9th Avenue Mast Arm Installation Geotechnical Borings	FDOT, District Four	Michael Priory	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	Michael Priory	10/27/2014 05/31/2015
FDOT D4 Minor Design TO#12, CB Smith Park and Ride Lot Expansion Post-Design Services	FDOT, District Four	Michael Priory	10/19/2011 08/01/2012
FDOT D4 Minor Design TO#13, SR-814 Post-Design Services	FDOT, District Four	Dominic Novello III	12/09/2011 08/01/2012
FDOT D4 Minor Design TO#14, SR-7 FM 22774-1-52-01 Signing and Pavement Marking Analysis and Design Services	FDOT, District Four	Michael Priory	04/19/2012 10/30/2013
FDOT D4 Minor Design TO#20, SR-814/Atlantic Boulevard Outfall Wall Replacement	FDOT, District Four	Michael Priory	01/30/2013 08/01/2015
FDOT D4 Minor Design TO13, I-95 St Lucie County Rest Area Rehabilitation FM433963	FDOT, District Four	Michael Priory	04/17/2014 05/30/2015
FDOT D4 Miscellaneous Landscape Architectural Services (WO1)	FDOT, District Four	Harry L Belton	05/02/2016 12/26/2016
FDOT D4 Scheduling/Website/GIS Program Support Services (LOA1)	FDOT, District Four	Pablo C Salazar	12/16/2016 06/30/2017
FDOT D4 Scheduling/Website/GIS Program Support Services (LOA2)	FDOT, District Four	Pablo C Salazar	07/03/2017 06/30/2018
FDOT D4 SR 80 (Southern Boulevard) Widening Traffic Control Plans Design Services	FDOT, District Four	Raul L Andujar	08/03/2012 08/03/2015
FDOT D4, MD13 TO21 I-95 St Lucie County Rest Area Rehabilitation Post-Design Services	FDOT, District Four	Raul L Andujar	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	Raul L Andujar	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	Raul L Andujar	04/29/2015 12/31/2015
FDOT D4, MD13 TO24, Martin County I-95 Rest Areas Post-Design Services	FDOT, District Four	Raul L Andujar	05/12/2015 12/31/2016
FDOT D4, MD13 TO25, SR708/Blue Heron Boulevard at I-95 Interchange Post-Design Services	FDOT, District Four	Raul L Andujar	06/15/2015 07/15/2016
FDOT D4, MD13 TO26, NW 9th Avenue Improvements Additional Services	FDOT, District Four	Michael Priory	10/30/2015 12/31/2015
FDOT D4, MD13 TO5, A1A Observation Deck, Access Ramp Redesign, FM No. 427441-1-52-01	FDOT, District Four	Michael Priory	11/25/2013 02/28/2014
FDOT D4, MD13 TO6, SR7 D-B Selection Assistance, FM No. 227775-1-52-01	FDOT, District Four	Michael Priory	11/26/2013 08/21/2015
FDOT D4, MD13 TO7, SR823 Erosion Evaluation, FM No. 431156-1-52-01	FDOT, District Four	Michael Priory	11/21/2013 11/21/2015
FDOT D4, MD13 TO8, SR714 Bridge Rehabilitation Repairs, FM No. 430617-1	FDOT, District Four	Michael Priory	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	Michael Priory	01/29/2014 12/31/2016
FDOT D4, Minor Design TO24, SR-7 Signing and Pavement Marking	FDOT, District Four	Raul L Andujar	04/24/2014 08/01/2015
FDOT D4, Project Management Support, TO113	FDOT, District Four	Tzeyu Ng	07/15/2014 08/31/2015

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Project	Owner	Project Manager	Start/ Compl Date
FDOT D4, Scheduling and Project Management Support Services, TO 145	FDOT, District Four	Pablo C Salazar	07/01/2015 06/30/2016
FDOT D4, Scheduling and Project Management Support Services, TO 146	FDOT, District Four	Pablo C Salazar	07/01/2015 06/30/2016
FDOT D4, Scheduling and Project Management Support Services, TO 149	FDOT, District Four	Tzeyu Ng	07/22/2015 08/31/2015
FDOT D4, Scheduling and Project Management Support Services, TO 150	FDOT, District Four	Pablo C Salazar	08/03/2015 12/31/2015
FDOT D4, Scheduling and Project Management Support Services, TO 151	FDOT, District Four	Tzeyu Ng	08/17/2015 06/30/2016
FDOT D4, Scheduling and Support Services TO 104	FDOT, District Four	Tzeyu Ng	07/01/2014 08/30/2015
FDOT D4, Scheduling and Support Services TO 105	FDOT, District Four	Tzeyu Ng	07/01/2014 08/30/2015
FDOT D4, Scheduling and Support Services TO 111	FDOT, District Four	Tzeyu Ng	07/01/2014 08/30/2015
FDOT D4, Scheduling and Support Services, TO #71	FDOT, District Four	Tzeyu Ng	07/01/2013 06/30/2014
FDOT D4, Scheduling and Support Services, TO 127	FDOT, District Four	Tzeyu Ng	01/05/2015 06/30/2015
FDOT D4, Scheduling and Support Services, TO 141	FDOT, District Four	Tzeyu Ng	05/29/2015 08/14/2015
FDOT D4, Scheduling Support, TO 122	FDOT, District Four	Tzeyu Ng	10/21/2014 10/31/2014
FDOT D4, Scheduling Support, TO 123	FDOT, District Four	Tzeyu Ng	10/21/2014 10/31/2014
FDOT D4, SR 84 Pond Conversion Design Services (SA3)	FDOT, District Four	Pijush K Talukder	07/01/2014 11/01/2015
FDOT D4, SR-5 Observation Deck Replacement and SR-811 Observation Deck Removal TO25	FDOT, District Four	Michael Priory	05/08/2014 08/01/2015
FDOT D4, SUE for SR842 Signal Improvements, WO9	FDOT, District Four	Michael Priory	07/25/2014 12/31/2014
FDOT D4, Web Support Services, TO 154	FDOT, District Four	Pablo C Salazar	07/01/2016 11/18/2016
FDOT D4, Web, GIS, and Scheduling Support Services, TO 153	FDOT, District Four	Pablo C Salazar	07/01/2016 11/18/2016
FDOT D4, WPUC Phase 1B Post Deployment Support Services, TO 148	FDOT, District Four	Pablo C Salazar	07/14/2015 09/30/2015
FDOT D6 Districtwide Landscape Architecture Services	FDOT, District Six	Harry L Belton	06/20/2008 10/16/2011
FDOT D6 Miscellaneous Landscape Architecture Services, WO28	FDOT, District Six	Harry L Belton	07/01/2015 12/31/2015
FDOT D6 Miscellaneous Landscape Architecture Services, WO31	FDOT, District Six	Harry L Belton	01/06/2016 06/15/2016
FDOT D6 Miscellaneous Landscape Architecture Services, WO32	FDOT, District Six	Harry L Belton	04/18/2016 06/07/2016
FDOT D6 Miscellaneous Landscape Design Services, TO #10	FDOT, District Six	Harry L Belton	08/07/2012 02/28/2013
FDOT D6 Miscellaneous Landscape Services, WO22	FDOT, District Six	Harry L Belton	05/15/2014 05/15/2015
FDOT D6 Palmetto Expressway Landscape Design Services TO#2	FDOT, District Six	Harry L Belton	09/06/2011 12/14/2012
FDOT D6 Scenic Highway Program Support TO#1 - Landscape Architecture	FDOT, District Six	Harry L Belton	08/01/2011 02/01/2012

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Project	Owner	Project Manager	Start/ Compl Date
FDOT D6 TO#03 Landscape Design Services for SR 7	FDOT, District Six	Harry L Belton	11/01/2011 07/01/2012
FDOT D6 TO#04 Construction Administration and Inspection Services Landscape Palmetto Expressway	FDOT, District Six	Harry L Belton	11/15/2011 05/15/2012
FDOT D6 TO#5 LAP Process Task Team Support	FDOT, District Six	Harry L Belton	08/15/2011 02/29/2012
FDOT D6, Architectural Landscape Services, WO 24	FDOT, District Six	Harry L Belton	08/01/2014 08/01/2014
FDOT D6, In-house Landscape Architectural Support Services (TO11)	FDOT, District Six	Harry L Belton	09/19/2016 03/17/2017
FDOT D6, Landscape Architectural Services, US1 and Sunset Drive	FDOT, District Six	Harry L Belton	10/25/2012 11/01/2013
FDOT D6, Landscape Architecture Design, Palmetto 22-42 PD	FDOT, District Six	Harry L Belton	06/05/2012 02/05/2013
FDOT D6, Landscape Architecture Services, SR7 Irrigation Design, WO #12	FDOT, District Six	Harry L Belton	02/13/2013 04/30/2013
FDOT D6, Landscape Architecture, Overseas Highway Atlantic-Abaco	FDOT, District Six	Harry L Belton	04/12/2013 11/12/2013
FDOT D6, Landscape Design Services, TO #14	FDOT, District Six	Harry L Belton	06/19/2013 06/19/2014
FDOT D6, Landscaping Pushbutton Bid Package Preparation Services 2017 (TO13)	FDOT, District Six	Harry L Belton	04/03/2017 07/24/2017
FDOT D6, LeJeune Road Landscape Post-Design Services (TO8)	FDOT, District Six	Harry L Belton	07/18/2016 12/30/2016
FDOT D6, Miscellaneous Landscape Architectural Services, WO2	FDOT, District Six	Harry L Belton	09/13/2013 09/12/2014
FDOT D6, NW 74th Street Landscape Architecture Post-Design Services (TO10)	FDOT, District Six	Harry L Belton	06/09/2016 01/09/2017
FDOT D6, NW 81st Street Landscape Post-Design Services (TO6)	FDOT, District Six	Harry L Belton	07/18/2016 01/15/2017
FDOT D6, Overseas Highway Landscape Post-Design Services (TO7)	FDOT, District Six	Harry L Belton	06/08/2016 11/30/2016
FDOT D6, Plantation Key Landscape Post Design Services	FDOT, District Six	Harry L Belton	08/15/2012 05/15/2013
FDOT D6, Red Road Landscape Post-Design Services (TO9)	FDOT, District Six	Harry L Belton	07/18/2016 01/15/2017
FDOT D6, Scenic Highway Assistance, WO3	FDOT, District Six	Harry L Belton	09/13/2013 11/15/2014
FDOT D6, Scenic Highway Program Support Services, WO27	FDOT, District Six	Harry L Belton	05/01/2015 06/07/2016
FDOT D6, South Dixie Highway Post Design Services	FDOT, District Six	Harry L Belton	07/11/2013 10/01/2014
FDOT D6, SR5 Atlantic-Abaco, Landscape Architecture (Post Design)	FDOT, District Six	Harry L Belton	08/01/2014 08/01/2015
FDOT D6, SW 12th Avenue Landscape Design Services (TO5)	FDOT, District Six	Harry L Belton	07/18/2016 09/16/2016
FDOT D6, SW 12th Avenue Landscape Post-Design Services (TO12)	FDOT, District Six	Harry L Belton	01/26/2017 02/28/2020
FDOT District 4 Districtwide Scheduling and Support TO#27, In-House Local Area Program Assistance	FDOT, District Four	Michael Priory	04/16/2012 12/31/2012
FDOT District 6 Districtwide Landscape Services 2011	FDOT, District Six	Harry L Belton	03/14/2011 03/14/2016

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Project	Owner	Project Manager	Start/ Compl Date
FDOT District 6 Scenic Highway Support	FDOT, District Six	Harry L Belton	08/15/2012 07/15/2013
FMY Base Operations Parking Capacity Analysis Services (Page Field Airport)	Lee County Port Authority	Kevin D McCauley	03/28/2017 07/31/2017
FMY Base Operations Parking Expansion Concepts Development Services (Page Field)	Lee County Port Authority	Kevin D McCauley	06/08/2017 07/29/2017
FMY Hangar Alternatives Conceptualizations and Cost Estimating Services (Page Field)	Lee County Port Authority	Kevin D McCauley	02/07/2017 06/30/2017
FMY Paragon Hangar Condition Assessment Services (Page Field)	Lee County Port Authority	Kevin D McCauley	04/13/2017 07/31/2017
FMY Runways Obstruction Survey Services (Page Field)	Lee County Port Authority	Kevin D McCauley	05/11/2017 11/30/2017
FMY T-Hangars Structural Evaluation Services (Page Field)	Lee County Port Authority	Kevin D McCauley	06/08/2017 07/29/2017
FPL Transit-Related Support Services WA 21	Florida Power & Light Company	Glenn F Myers	03/03/2017 12/31/2018
FPR Crossfield Taxiway Connector Construction Phase Services (St. Lucie County International Airport)	St. Lucie County	Kevin D McCauley	09/15/2016 08/31/2017
Georgia Transit Governance Review Services	Georgia State Road and Tollway Authority	Dennis J Newjahr	10/24/2017 06/30/2018
Goethals Bridge P3 Draft Lenders' Technical Advisors Report	Port Authority of New York & New Jersey	Glenn F Myers	09/30/2012 01/31/2013
Golden Ears Bridge Project Lenders Technical Advisory Services	WS Atkins International Ltd.	Glenn F Myers	11/02/2015 12/31/2015
GRTA TO 17, Transit Asset Management Plan Update Services	Georgia State Road and Tollway Authority	Dennis J Newjahr	05/15/2017 09/30/2017
GRTA TO 21, Electric Bus Charging Stations Cost Estimating Services	Georgia State Road and Tollway Authority	Dennis J Newjahr	06/05/2017 07/30/2017
Hanson Street Extension Design	City of Fort Myers	Antoine I Khoury	02/12/2008 03/29/2011
Highway Landscape Design for SR 934 (NE 82nd Street)	FDOT, District Six	Harry L Belton	02/09/2012 05/31/2012
Hillsboro Canal Bank Stabilization Design Plans and Specifications	South Florida Water Management District	Antoine I Khoury	11/07/2011 09/30/2012
Hollywood Eastside Utilities Additional Design and Construction Phase Services	Seminole Tribe of Florida	LaTosha L Sigler	01/25/2017 12/31/2017
I-595/SR 84 at NW 136th Avenue Intersection Improvements Design Services	FDOT, District Four	Raul L Andujar	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	Dominic Novello III	03/11/2013 09/30/2015
I-85 Corridor Alternatives Analysis Study	Gwinnett County	Dennis J Newjahr	08/08/2011 10/08/2013
I-95 (Mills Pond to NE 56th Street) Landscape Design Services	FDOT, District Four	Harry L Belton	08/11/2016 08/11/2018
I-95 from SR 614 to St. Lucie/Indian River County Line Widening and Reconstruction Design Services	FDOT, District Four	Dominic Novello III	11/03/2010 12/17/2012
I-95 RFP Pkg - Palm Bch Co	FDOT, District Four	Dominic Novello III	06/02/2009 07/16/2011
I-95 Widening Design-Build, SR 70 to South of SR 614	FDOT, District Four	Dominic Novello III	02/21/2011 03/15/2011
Illiana Public Private Partnership Lenders Technical Advisory Services	Illinois Dept. of Transportation	Glenn F Myers	05/07/2014 08/01/2014

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Project	Owner	Project Manager	Start/ Compl Date
IMM Airport Layout Plan Update (Immokalee Regional Airport)	Collier County	Kevin D McCauley	11/01/2016 06/30/2017
IMM Taxiway B Rehabilitation Construction Phase Engineering Services Independent Fee Estimating Services (Immokalee Regional Airport)	Collier County	Kevin D McCauley	05/23/2017 07/31/2017
In-house Structures Design Support	FDOT, District Four	Michael Priory	10/23/2013 12/31/2013
JLPOA Jonathan's Landing Bridge and Culvert Repairs	J.L. Property Owners Association, Inc.	Glenn F Myers	12/04/2015 12/05/2016
KMKY Terminal Area Design Services (Marco Island Executive Airport)	Collier County	Kevin D McCauley	09/27/2016 10/18/2017
Landscape Design Services - SR 933 from SW 22 Street to SW 7 Terrace	FDOT, District Six	Harry L Belton	10/28/2013 10/27/2014
LeJeune Road Landscape Architecture Design Services	FDOT, District Six	Harry L Belton	02/24/2014 07/31/2014
LeJeune Road Landscape Architecture Post-Design Services	FDOT, District Six	Harry L Belton	08/31/2015 06/15/2016
Luma Tower Transit Parameters Consulting Services	ZOM Florida	Glenn F Myers	10/26/2015 10/30/2015
Luma Tower Transit Station Integration Design and Construction Phase Services	ZOM Development, Inc.	David A Bannett	11/11/2015 08/01/2017
Mariposa Avenue Sidewalk Installation Project Coordination	City of Port St. Lucie	Raul L Andujar	07/06/2012 12/31/2012
MDT PMC 2011	Miami-Dade Transit	Dennis J Newjahr	10/01/2010 11/14/2011
MDT Program Management Consulting Services 2012 WO No. 8.8	Miami-Dade Transit	Dennis J Newjahr	07/09/2012 12/31/2012
Metromover Brickell Loop Pier P038 Emergency Repair Design Services	Miami-Dade County	Glenn F Myers	09/05/2012 06/30/2013
Mishcon Park Construction Administration Phase II	City of North Miami Beach	Harry L Belton	04/24/2013 08/30/2013
MKY/X01 Hurricane Irma Damage Assessment Design Services (Marco Island Executive Airport and Everglades Airpark)	Collier County	Kevin D McCauley	11/13/2017 12/19/2017
N.E. 183rd Street Bike Path Lap Project Design Services	City of North Miami Beach	Harry L Belton	04/29/2015 01/01/2016
NW 79 Avenue Paving and Drainage Improvements Final Design Services	Town of Medley	Antoine I Khoury	10/07/2014 03/06/2015
NW 9th Avenue Improvements, TO 16	FDOT, District Four	Raul L Andujar	06/06/2014 07/31/2015
Oakland Park Bahama Breeze Restaurant Civil Engineering Services	Darden Restaurants	LaTosha L Sigler	04/20/2017 03/01/2018
ParkWest MetroMover Station Improvements Design Services	MWC Associates, LLC	David A Bannett	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	Francisco Perez	04/01/2016 06/30/2016
Pennsylvania Statewide Bridge Replacement PPP	Pennsylvania Dept. of Transportation	Glenn F Myers	05/30/2014 05/30/2015
Phase I Environmental Assessment Stirling Road	Seminole Tribe of Florida	Jose L Lopez	12/13/2013 01/31/2014
Port of Miami TIGER II Grant Program Management Support	Miami-Dade County	William P Pitcher	03/25/2013 06/30/2014

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Project	Owner	Project Manager	Start/ Compl Date
Port of Miami TIGER II Grant Rail Line Tracks Implementation Study Program Management Services	Miami-Dade County	John A Cerreta	04/02/2012 04/15/2013
PortMiami Marine TO 3 Cruise Berth J Bulkhead Assessment Services	Miami-Dade County	William P Pitcher	01/14/2015 03/13/2015
Ramey Unit School Civil Engineering and Landscape Architecture Support Services	U.S. Army Corps of Engineers (USACE), Norfolk	LaTosha L Sigler	03/01/2017 03/31/2018
Red Road 183 (NW 183rd Street to County Line) Landscape Architecture Services	FDOT, District Six	Harry L Belton	01/26/2015 01/26/2016
Red Road Survey Services	FDOT, District Six	Harry L Belton	09/28/2015 11/30/2015
Review of Settlement Data 8th Street Station	Brickell City Centre Project, LLC	Glenn F Myers	07/28/2014 07/31/2015
Rio Bayamon North Community Mitigation Monitoring Services (2015-2016)	Government Development Bank for Puerto Rico	Francisco Perez	04/01/2015 03/31/2016
RSW Charging Station Concept Development Study Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	05/25/2017 09/30/2017
RSW Charging Stations Design Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	09/21/2017 12/31/2017
RSW Concourse B International Lounge Conceptual Alternatives (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	04/06/2017 07/31/2017
RSW Concourse Roof Recoating Construction Administration Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	02/07/2017 06/30/2017
RSW Concourses Carpet Replacement Design Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	12/14/2017 03/31/2018
RSW Emergency Power Cost Estimate Update Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	10/23/2017 12/31/2017
RSW Energy Efficiency Study Additional Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	07/06/2017 10/31/2017
RSW IATA 753 Readiness Study (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	04/10/2017 07/31/2017
RSW North Cargo Apron Preliminary Utility Study Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	03/13/2017 05/31/2017
RSW Old Cell Phone Lot Modifications Preliminary Cost Estimate, TO 1	Lee County Port Authority	Kevin D McCauley	07/29/2014 10/30/2014
RSW Restrooms ADA Compliance Assessment Design Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	10/26/2017 12/31/2017
RSW Terminal Building Water Intrusion Evaluation and Construction Phase Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	05/23/2017 09/30/2017
RSW Terminal Expansion Vibration Measurement and Analysis Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	10/12/2017 06/30/2018

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RSW Terminal Gate Parking Layout Plan Development Services (Southwest Florida International Airport)	Lee County Port Authority	Kevin D McCauley	06/08/2017 07/29/2017
RSW-FMY Hurricane Irma Damage Assessment Services (Southwest Florida International Airport and Page Field)	Lee County Port Authority	Kevin D McCauley	09/28/2017 11/30/2017
Rt. Hon. Herb Gray Parkway Precast Beam Expert Consultation	Ministry of Transportation of Ontario	Glenn F Myers	11/05/2013 03/31/2014
Seminole Tribe of Florida Brighton Wetland Mitigation	Seminole Tribe of Florida	Jose L Lopez	04/15/2013 05/15/2013
Seminole Tribe of Florida Drainage Plans for 4-H Facility	Seminole Tribe of Florida	Jose L Lopez	07/05/2013 07/19/2013
SFWMD Hillsboro Engineering During Construction (EDC)	South Florida Water Management District	Abdul K Rahmankhah	10/22/2013 10/22/2016
SFWMD S39A Control Structure Construction Engineering Services	South Florida Water Management District	Antoine I Khoury	04/12/2017 09/30/2018
SHRP 2 Project R19A_	National Academy of Sciences	Glenn F Myers	03/06/2008 02/03/2012
SoLe Mia Lagoon Redesign Services	Crystal Lagoons U.S. Corp.	David A Bannett	03/31/2017 07/28/2017
Springtree Water Treatment Plant Lime Silo and Solids Contact Clarifier Threshold Inspection Services	City of Sunrise	Antoine I Khoury	02/03/2016 10/24/2016
SR 7 (NW 2nd Ave) Post Design Services	FDOT, District Six	Harry L Belton	10/17/2013 04/17/2014
SR 7 Landscape and Irrigation Additional Design Services	City of Plantation	Raul L Andujar	08/30/2017 12/31/2017
SR 7 Landscape and Lighting Design Services	City of Plantation	Raul L Andujar	12/02/2016 03/31/2017
SR 7 Landscape, Irrigation, and Lighting Improvements Design Services	City of Plantation	Raul L Andujar	05/19/2016 08/29/2016
SR 70/Jenkins Road Intersection Improvements	FDOT, District Four	Pijush K Talukder	06/01/2012 06/01/2014
SR 70/Jenkins Road Intersection Improvements Post-Design Services	FDOT, District Four	Pijush K Talukder	06/02/2015 06/02/2016
SR 824 and SR 817 Intersection Safety Improvements	FDOT, District Four	Dominic Novello III	08/23/2010 06/14/2012
SR 826 (US 1 to Sunset Drive) Post-Design Landscape Architecture Services	FDOT, District Six	Harry L Belton	04/01/2014 04/01/2016
SR 934/NW 82nd (NW 13th Court to Miami Avenue) Landscape Architecture Services	FDOT, District Six	Harry L Belton	01/19/2015 01/19/2016
SR-808/Glades Road Improvements Design Services	FDOT, District Four	Michael Priory	01/02/2008 01/01/2010
Statewide TIM/CVO Program Consultant TO8 Home	FDOT, Central Office	Ingrid L Birenbaum	01/03/2014 01/31/2015
Statewide TIM/CVO Program Consultant TO#5, Port of Entry Status Study	FDOT, Central Office	Ingrid L Birenbaum	05/01/2011 05/01/2012
Statewide TIM/CVO Program Consultant TO#6	FDOT, Central Office	Ingrid L Birenbaum	05/01/2012 01/31/2013
Statewide TIM/CVO Program Consultant TO#7	FDOT, Central Office	Ingrid L Birenbaum	06/04/2012 01/31/2013
STRIVE Survey Data Assessment Services	South Florida Water Management District	Antoine I Khoury	11/16/2016 11/15/2017

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Project	Owner	Project Manager	Start/ Compl Date
TIM-CVO GEC task 2 (field)	FDOT, Central Office	Ingrid L Birenbaum	05/01/2010 03/15/2015
Village of Islamorada Expert Witness	Village of Islamorada	William P Pitcher	06/01/2012 01/01/2013
WAVE Modern Streetcar Operating and Maintenance Costs Analysis	Broward County	Dennis J Newjahr	08/16/2012 12/31/2012
X01 Runway Rehabilitation Phase I Design Independent Fee Estimating Services (Everglades Airpark)	Collier County	Kevin D McCauley	05/23/2017 07/31/2017

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E. Evaluation Criteria

15. Volume of Previous Work

Atkins' signed Volume of Previous Work Attestation Form has been signed within the BidSync system as instructed. Given the form limits, below is a complete detailed list of work paid to Atkins by Broward County Board of County Commissioners within the last five years.

Item No	Project Title	Solicitation/ Contract No.	Department or Division	Date Awarded	Paid to Date Dollar Amount
1	Broward County Continuing Transportation and Civil Engineering Services	R0929503R1	Highway Construction and Engineering Division	5/7/2013	\$2,092,679.64
2	FLL New Runway 9R-27L Expansion Design and Design-Build Support (Ft. Lauderdale-Hollywood Int'l. Airport)	R0729109R1	Aviation Department	4/19/2010	9,104,478.13
3	Broward County Outfall Coral Restoration Assistance and Construction Monitoring	Y0899301C1/ Project:9041	Water and Wastewater Services Department	4/6/2012	\$55,800.00
4	Broward County HSEEP Exercise for Port Everglades	R1002422R1	Emergency Management Division	6/20/2012	\$49,627.89
5	Broward Landfill Level of Service Study	L907303A3	Public Works Department	8/30/2012	\$41,223.01
6	Aquifer Storage and Recovery (ASR) and Monitor Well Plugging	LZ06387A3	Water and Wastewater Services	9/28/2012	\$39,703.68
7	Broward County Davie Landfill On-Site Leachate Line Replacement	L907303A3	Public Works Department	6/14/2013	\$43,461.88
8	School Board of Broward County Cost Estimate Restroom Renovations	2010-31-FC	The School Board of Broward County	9/10/2013	\$3,997,351.34
9	Tradewinds Park Feasibility Study	P1019501B1	Public Works Department	5/28/2014	\$24,453.70
10	Full-Scale Security Exercise	N/A	Sheriff's Office	5/29/2014	\$79,800.00
11	Everglades Holiday Park Improvements	N/A	Public Works Department	6/27/2014	\$126,066.47
12	Davie Landfill Stabilization Study	P1019501B1	Public Works Department	12/9/2014	\$29,005.77
13	New Courthouse Breezeway Artwork Value Engineered Design Cost Estimating Services	P1019501B1	Cultural Division	2/5/2015	\$1,480.00
14	Southwest Regional Landfill Closure and Long-term Care Cost Estimating Services	P1019501B1	Public Works Department	5/19/2015	\$8,431.00
15	Southwest Landfill Operating Permit Renewal Services	P1019501B1	Public Works Department	8/21/2015	\$27,711.27
16	SBBC Program Manager/Cost and Program Control Services (Year 1)	15-114C	The School Board of Broward County	11/3/2015	\$3,579,976.34
17	SBBC Program Manager e-Builder Implementation and Training Services (Year 1)	15-114C	The School Board of Broward County	11/3/2016	\$417,375.00
18	Broward County Landfills Surveying Services	Y1421102Q1	Public Works Department	2/10/2016	\$32,863.76
19	Port Everglades Capital Program Management Services	R1351804P1	Public Works Department	6/7/2016	\$2,069,265.68
Grand Total					\$21,820,754.56

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Supplier: **Atkins**

**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. 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 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 on the **Litigation History Form**.
- 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 also required to disclose to the County any and all case(s) that exist between the County and any of the Vendor's subcontractors/subconsultants proposed to work on this project.
- f. Failure to disclose any material case, or to provide all requested information in connection with each such case, 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:
$$\frac{(\text{Lowest Proposed Price}/\text{Vendor's Price}) \times (\text{Maximum Number of Points for Price})}{\text{Price Score}}$$
 - 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. A copy of the demonstration (hard copy, DVD, CD, flash drive or a combination of both) should be given to the Purchasing Agent at the demonstration meeting to retain in the Purchasing files.

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.

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 which 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. Protests arising from the decisions and votes of a Selection or Evaluation Committee shall be limited to protests based upon the alleged deviations from established committee procedures set forth in the Broward County Procurement Code and existing written guidelines. Any allegations of misconduct or misrepresentation on the part of a competing Vendor shall not be considered a protest.
6. 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.

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**

STANDARD CERTIFICATIONS

Request for Proposals, Request for Qualifications, or Request for Letters of Interest

Vendor should 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. It is imperative that the person completing the standard certifications be knowledgeable about the proposing Vendor's business and operations.

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:

Paul E. Demit	Senior Vice President	1/3/2018
*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

Office of Economic and Small Business Requirements: CBE Goal Participation

- A. In accordance with Broward County Business Opportunity Act of 2012, Ordinance No. 2012-33, Broward County Code of Ordinances, the County Business Enterprise (CBE) Program is applicable to this contract. All Vendors responding to this solicitation should utilize, or attempt to utilize, CBE firms to perform at least the assigned participation goal for this contract.
- B. CBE Program Requirements: Compliance with CBE participation goal requirements is a matter of responsibility; required forms and information should be submitted with solicitation submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of the Office of Economic and Small Business Development's (OESBD) request. Vendor may be deemed non-responsible for failure to fully comply within 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 certified CBE firm the Vendor intends to use to achieve the assigned CBE participation goal.
 2. If a Vendor is unable to attain the CBE participation goal, the Vendor should include in its solicitation submittal **Application for Evaluation of Good Faith Effort** and all of the required supporting information.
- C. The Vendor shall only address the base solicitation amount for CBE goal participation. No alternate/optional item(s) shall be addressed. If the County chooses to exercise the right to award alternate/optional solicitation item(s), the CBE participation goal for this solicitation shall apply to the alternate/optional item(s) recommended to be awarded. The County shall issue a notice to the apparent successful Vendor requiring the Vendor to comply with the CBE participation goal for the alternate/optional item(s); Vendor shall submit all required forms prior to award. Failure to submit the required forms may result in rejection of the solicitation.
- D. The Office of Economic and Small Business Development maintains an on-line directory of CBE firms. The on-line directory is available for use by Vendors at <https://webapps4.broward.org/smallbusiness/sbdirectory.aspx>
- E. For detailed information regarding the County Business Enterprise Program contact the Office of Economic and Small Business Development at (954) 357-6400 or visit the website at: <http://www.broward.org/EconDev/SmallBusiness/>
- F. Requirements for Contracts with CBE Goals: if awarded the contract, the Vendor agrees to and shall comply with all applicable requirements of 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. Vendor shall comply with all applicable requirements of the Broward County Small Business Development Program in the award and administration of this contract. Failure by Vendor to carry out any of these requirements shall constitute a material breach of this contract, which shall permit County to terminate this contract or to exercise any other remedy provided under this contract, under the Broward County Code of Ordinances, or Administrative Code, or under applicable law, with all of such remedies being cumulative.

3. Vendor shall pay its CBE subcontractors and suppliers, within fifteen (15) days following receipt of payment from County for such subcontracted work and pay all other subcontractors and suppliers within thirty (30) days following receipt of payment from County for such subcontracted work or 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 County. For all other subcontractors or suppliers, if Vendor withholds an amount as retainage, such retainage shall be released and paid within thirty (30) days following receipt of payment of retained amounts from County.
4. Vendor understands that the County will monitor compliance with the CBE requirements. Vendor must report monthly on its CBE participation commitment with its pay requests and is required as a condition of payment.

**LETTER OF INTENT BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS
ENTERPRISE (CBE) SUBCONTRACTOR/SUPPLIER**

This form(s) should be returned with the Vendor's submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of County's request. This form is to be completed and signed for each CBE firm. Vendor should scan and upload the completed, signed form(s) in BidSync.

Solicitation Number: PNC2114364P1

Project Title: Continuing Eng. Services for
Transportation & General Civil Engineering Projects

Bidder/Offeror **Please see attached Letters of Intent**

Name:

Address: City: State: Zip:

Authorized Representative: Phone:

CBE Subcontractor/Supplier

Name:

Address: City: State: Zip:

Authorized Representative: Phone:

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform subcontracting 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*	CBE Contract Amount†	CBE Percentage of Total Project Value

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

CBE Subcontractor/Supplier Authorized Representative

Paul E. Demit **Senior Vice President** **1/10/2018**
(Signature) (Title) (Date)

Bidder/Offeror Authorized Representative

See attached Letters of Intent
(Signature) (Title) (Date)

* Visit <http://www.census.gov/eos/www/naics/> to search. Match type of work with NAICS code as closely as possible.

† To be provided only when the solicitation requires that bidder/offer 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.

**APPLICATION FOR EVALUATION OF GOOD FAITH EFFORT
PURSUANT TO BUSINESS OPPORTUNITY ACT OF 2012, Sec. 1-81.5(e)**

If applicable, this form and supporting documentation should be returned with the Vendor's submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of County's request. Vendor should scan and upload the supporting documentation in BidSync.

SOLCITATION NO.: PNC2114364P1 PROJECT NAME: Continuing Eng.
Services for
Transportation & General
Civil Engineering
Projects

N/A

PRIME CONTRACTOR

ADDRESS

TELEPHONE

The undersigned representative of the prime contractor represents that his/her firm has contacted County Business Enterprise (CBE) certified firms in a good faith effort to meet the CBE goal for this solicitation but has not been able to meet the goal. Consistent with the requirements of the Business Opportunity Act of 2012 (the Act), the prime contractor hereby submits documentation (attached to this form) of good faith efforts made and requests to be evaluated under Section 1-81.5(e) of the Act.

The prime contractor understands that a determination of good faith effort to meet the CBE contract participation goal is contingent on both the information provided by the prime contractor as an attachment to this application and the other factors listed in Section 1-81.5(e) of the CBE Act, as those factors are applicable with respect to this solicitation. The prime contractor acknowledges that the determination of good faith effort is made by the Director of the Office of Economic and Small Business Development, and is not subject to appeal.

SIGNATURE: N/A

PRINT NAME / TITLE:

DATE:

Supplier: Atkins

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: Paul E. Demit Date: 1/4/2018

Title: Senior Vice President

Vendor Name: Atkins North America, Inc.

Supplier: Atkins

**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).

Paul E. Demit	Senior Vice President	Atkins North America, Inc.	1/3/2018
Authorized Signature/Name	Title	Vendor Name	Date

Supplier: Atkins

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: Please see attachments
	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

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
Article 10	Ownership of documents	Please see attachment
Article 10	Workforce Investment Program	Please see attachment

Vendor Name: Atkins North America, Inc.

Supplier: Atkins

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).

The calculation for Volume of Previous Work is all amounts paid to the prime Vendor by Broward County Board of County Commissioners at the time of the solicitation opening date within a five-year timeframe. The calculation of Volume of Previous Work for a prime Vendor previously awarded a contract as a member of a Joint Venture firm is based on the actual equity ownership of the Joint Venture firm.

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.

Vendor must list all projects it received payment from Broward County Board of County Commissioners during the past five years. If the Vendor is submitting as a joint venture, the information provided should encompass the joint venture and each of the entities forming the joint venture. The Vendor attests to the following:

Item No.	Project Title	Solicitation/ Contract Number:	Department or Division	Date Awarded	Paid to Date Dollar Amount
1	See attached				
2					
3					
4					
5					
Grand Total					\$21,820,754.56

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.

Paul E. Demit
Authorized Signature/ Name

Senior Vice President
Title

1/4/2018
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.

The calculation of Volume of Previous Work for a prime Vendor previously awarded a contract as a member of a Joint Venture firm is based on the actual equity ownership of the Joint Venture firm. Volume of Previous Work is not based on the total payments to the Joint Venture firm.

Vendor must list all projects it received payment from Broward County Board of County Commissioners during the past five years as a member of a Joint Venture. The Vendor attests to the following:

Item No.	Project Title	Solicitation/ Contract Number:	Department or Division	Date Awarded	JV Equity %	Paid to Date Dollar Amount
1						
2						
3						
4						
5						
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: Atkins North America, Inc.

Paul E. Demit
Authorized Signature/ Name

Senior Vice President
Title

1/4/2018
Date

Supplier: Atkins

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.

Paul E. Demit	Senior Vice President	Atkins North America, Inc.	1/4/2018
Authorized Signature/Name	Title	Vendor Name	Date

Supplier: **Atkins**

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: **Keith and Associates, Inc.**

Subcontracted Firm's Address: **301 E. Atlantic Blvd., Pompano Beach, FL 33060**

Subcontracted Firm's Telephone Number: **954.788.3400**

Contact Person's Name and Position: **Dan Checchia, Director of Subsurface Utility Engineering**

Contact Person's E-Mail Address: **dchecchia@keith-associates.com**

Estimated Subcontract/Supplies Contract Amount: **7-10%**

Type of Work/Supplies Provided: **Subsurface Utility Engineering and Utility Coordination**

2. Subcontracted Firm's Name: **Nova Consulting**

Subcontracted Firm's Address: **3323 W. Commercial Blvd. Fort Lauderdale, FL 33309**

Subcontracted Firm's Telephone Number: **954.731.8140**

Contact Person's Name and Position: **Maria J. Molina, PE, President**

Contact Person's E-Mail Address: **mmolina@nova-consulting.com**

Supplier: **Atkins**

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: **Paul E. Demit**

Title: **Senior Vice President**

Vendor Name: **Atkins North America, Inc.**

Date: **1/4/2018**

Supplier: **Atkins**

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:

3250 West Commercial Boulevard, Suite 120, Fort Lauderdale, FL 33309

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.

Paul E. Demit	Senior Vice President	Atkins North America, Inc.	1/3/2018
Authorized Signature/Name	Title	Vendor Name	Date

Supplier: Atkins

LOCAL VENDOR CERTIFICATION FORM (PREFERENCE AND TIEBREAKER)

The completed and signed form should be returned with the Vendor's submittal to qualify for Local Preference, 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 must be returned at time of solicitation submittal to qualify for the Tie Break criteria. Failure to timely submit this form or local business tax receipt may render the business ineligible for application of the Local Preference. Failure to timely submit this form and local business tax receipt at time of submittal will disqualify the Vendor for this Tie Breaker.

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. provides services on a day-to-day basis, at a business address physically located within the limits of Broward County and in an area zoned for such business; and
 - d. 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, and Broward County's Interlocal Reciprocity Agreement with Miami-Dade County, 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 or Miami-Dade County and:
 - a. has a valid corresponding County local business tax receipt;
 - 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 limits of Broward or Miami-Dade County and 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.

Vendor does not qualify for Tie Break Criteria or Local Preference, in accordance with the above requirements.

Paul E. Demit	Senior Vice President	Atkins North America, Inc.	1/3/2018
Authorized Signature/Name	Title	Vendor Name	Date