

**STATEMENT OF QUALIFICATIONS**

Produced for Lake County, FL

May 2021



moffatt & nichol

# PROFESSIONAL ENGINEERING & DESIGN SERVICES FOR VILLA CITY ROAD SAFETY DESIGN

RSQ No. 21-0525 | ORIGINAL



# TAB A



**REQUEST FOR STATEMENT OF QUALIFICATIONS (RSQ)  
PROFESSIONAL ENGINEERING AND DESIGN SERVICES FOR  
VILLA CITY ROAD SAFETY DESIGN**

<b>RSQ Number</b>	<b>21-0525</b>	<b>Senior Contracting Officer</b>	William Ponko
<b>Proposal Due Date</b>	<b>May 18, 2021</b>	<b>Pre-Proposal Conference</b>	Not Applicable
<b>Proposal Time</b>	<b>3:00 p.m.</b>	<b>RSQ Issue Date</b>	April 15, 2021
<b>TABLE OF CONTENTS</b>			
SECTION 1: General Information			Page 2
SECTION 2: Evaluation of Proposals			Page 8
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SECTION 4: Requirements for any Contract Derived from this RSQ			Page 17
SECTION 5: Attachments			Page 21

At the date and time specified above, all proposals that have been received in a timely manner will be opened, recorded and accepted for consideration. The proposals will be available for inspection during normal business hours in the Office of Procurement Services thirty (30) calendar days after the due date.

The respondent hereby agrees to furnish the services pursuant to all requirements, specifications, and scope of services contained in this solicitation document, and further agrees that the language of this document will govern in the event of a conflict with his or her response. By my signature I certify that this response is made without prior understanding, agreement, or connection with any corporation, consultant, business entity, or person submitting a response for the services, and is in all respects fair and without collusion or fraud.

**THIS FORM MUST BE SIGNED TO BE CONSIDERED FOR AWARD**

COMPANY NAME: Moffatt & Nichol		DATE: May 17, 2021
MAILING ADDRESS: 1025 Greenwood Boulevard, Suite 371		PHONE: 407.562.2030 FAX: 407.562.2031
CITY: Lake Mary	STATE: Florida	ZIP: 32746
SSN OR FEDERAL TAX NO: 95-1951343	TITLE OF AUTHORIZED REPRESENTATIVE: Vice President	
E-MAIL: dnance@moffattnichol.com	WEB URL: www.moffattnichol.com	
AUTHORIZED SIGNATURE: <i>Darrell Nance</i>	PRINTED NAME: Darrell Nance, PE	

# ACKNOWLEDGMENT OF ADDENDA

## ATTACHMENT 5

### ACKNOWLEDGEMENT OF ADDENDA

RSQ 21-0525

### PROFESSIONAL ENGINEERING AND DESIGN SERVICES FOR CR 565 VILLA ROAD SAFETY DESIGN

**INSTRUCTIONS:** Complete Part I or Part II, whichever applies and company name and date.

<b>Part I:</b>
The bidder must list below the dates of issue for each addendum received in connection with this RSQ:  Addendum #1, Dated: <u>5/7/21</u> Addendum #2, Dated: <u>5/13/21</u> Addendum #3, Dated: _____ Addendum #4, Dated: _____
<b>Part II:</b>
<input type="checkbox"/> No Addendum was received in connection with this RSQ.

COMPANY NAME: <u>Moffatt &amp; Nichol</u>	DATE: <u>May 17, 2021</u>
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Note: Vendors are advised to visit our website at <http://www.lakecountyfl.gov> and register as a potential vendor. Vendors that have registered on-line receive an e-mail notice when the County issues a solicitation matching the commodity codes selected by a vendor during the registration process.



# FDOT PREQUALIFICATIONS LETTER



Florida Department of Transportation

605 Sawannee Street  
Tallahassee, FL 32399-0450

RON DESANTIS  
GOVERNOR

KEVIN J. THIBAUT, P.E.  
SECRETARY

September 11, 2020

Darrell Nance, Vice President  
MOFFATT & NICHOL, INC.  
1025 Greenwood Boulevard, Suite 371  
Lake Mary, Florida 32746

Dear Mr. Nance:

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

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
  - 3.2 - Major Highway Design
  - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
  - 4.1.1 - Miscellaneous Structures
  - 4.1.2 - Minor Bridge Design
  - 4.2.1 - Major Bridge Design - Concrete
  - 4.2.2 - Major Bridge Design - Steel
- Group 5 - Bridge Inspection
  - 5.1 - Conventional Bridge Inspection
  - 5.2 - Movable Bridge Inspection
  - 5.3 - Complex Bridge Inspection
  - 5.4 - Bridge Load Rating
- Group 6 - Traffic Engineering and Operations Studies
  - 6.1 - Traffic Engineering Studies
  - 6.2 - Traffic Signal Timing
  - 6.3.1 - Intelligent Transportation Systems Analysis and Design
  - 6.3.2 - Intelligent Transportation Systems Implementation
  - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
- Group 7 - Traffic Operations Design
  - 7.1 - Signing, Pavement Marking and Channelization
  - 7.2 - Lighting
  - 7.3 - Signalization

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- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
- Group 11 - Engineering Contract Administration and Management
- Group 13 - Planning
  - 13.4 - Systems Planning
  - 13.5 - Subarea/Corridor Planning
  - 13.6 - Land Planning/Engineering
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2021 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
179.50%	121.94%	0.771%	Reimbursed	No	5.47%	0.00%*

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

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

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

Sincerely,

Carliayn Kell  
Professional Services  
Qualification Administrator

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Florida Department of Transportation

605 Sawannee Street  
Tallahassee, FL 32399-0450

RON DESANTIS  
GOVERNOR

KEVIN J. THIBAUT, P.E.  
SECRETARY

June 26, 2020

Gary Kuhn, President  
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.  
919 Lake Baldwin Lane  
Orlando, Florida 32814

Dear Mr. Kuhn:

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

- Group 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
  - 10.3 - Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2021 for contracting purposes.

Approved Rates						
Home/Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Published Fee Schedule	
208.81%	0.605%	Reimbursed	No	2.23%	Yes	

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

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

Sincerely,

Carliayn Kell  
Professional Services  
Qualification Administrator

CBHK/kw



Florida Department of Transportation

605 Suwannee Street  
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.  
SECRETARY

RON DESANTIS  
GOVERNOR

April 6, 2021

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

Dear Ms. Keith-Lazowick:

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

- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
  - 3.2 - Major Highway Design
- Group 6 - Traffic Engineering and Operations Studies
  - 6.1 - Traffic Engineering Studies
  - 6.2 - Traffic Signal Timing
- Group 7 - Traffic Operations Design
  - 7.1 - Signing, Pavement Marking and Channelization
  - 7.2 - Lighting
  - 7.3 - Signalization
- Group 8 - Survey and Mapping
  - 8.1 - Control Surveying
  - 8.2 - Design, Right of Way & Construction Surveying
  - 8.3 - Photogrammetric Mapping
  - 8.4 - Right of Way Mapping
- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
- Group 13 - Planning
  - 13.4 - Systems Planning
  - 13.5 - Subarea/Corridor Planning
  - 13.6 - Land Planning/Engineering
  - 13.7 - Transportation Statistics

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Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2021 for contracting purposes.

Approved Rates

Home/Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense	Published Fee Schedule
120.43%	95.81%	1.329%	Reimbursed	No	0.50%	0.00%*	Yes

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

Audited Rates

SUE Equipment Rates \$72.63 per hour

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

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

Sincerely,

Carliayn Kell  
Professional Services  
Qualification Administrator

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www.fdot.gov



moffatt & nichol

1025 Greenwood Boulevard, Suite 371  
Lake Mary, FL 32746

Tel: 407.562.2030 Fax: 407.562.2031  
moffattnichol.com

## PROJECT APPROACH

May 18, 2021

Bill Ponko, Senior Contracting Officer  
Lake County BCC, Office of Procurement Services  
315 W. Main Street, Room 441, PO BOX 7800  
Tavares, FL 32778-7800

### Re: Professional Engineering and Design Services for Villa City Road Safety Design

Dear Mr. Ponko and Selection Committee Members:

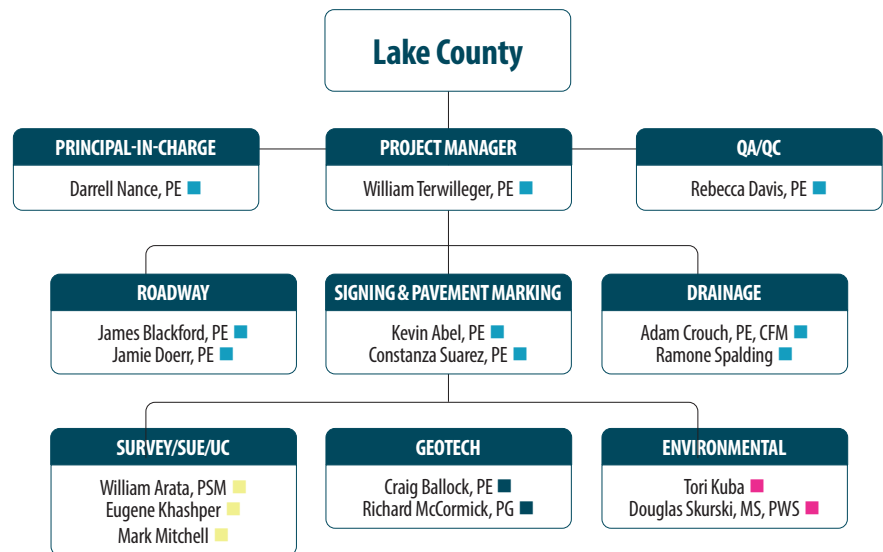
CR 565 (Villa City Road) is a vital north/south connector in southwest Lake County and serves as a link between SR 50 on the south end and US 27 on the north end. Due to the relatively large number of crashes—including two fatalities and six incapacitating injuries—on this corridor, Lake County is seeking a consultant to provide solutions for improving the safety of this corridor. Moffatt & Nichol (M&N) has strategically assembled a locally based team and approach to address your project needs. Our carefully selected subconsultants—Environmental Science Associates (ESA), Geotechnical and Environmental Consultants, Inc. (GEC), and Keith and Associates, Inc. (KEITH)—have worked with M&N in the past and have a strong history of successfully completing projects.

### Professional Qualifications Necessary for Satisfactory Performance

#### PROPOSED STAFFING

M&N has a rich tradition of providing roadway design projects throughout Florida for clients at the state, county, and municipal levels. M&N staff assigned to this project (as shown in the organizational chart below) have extensive experience in roadway design and have all performed similar duties on similar projects; our staff is trained and ready to begin work to meet your schedule. Resumes are included in Tab B.

**Bill Terwilleger, PE**, will lead our team as project manager. Bill is an accomplished roadway engineer with 36 years of experience that includes managing projects of all sizes and complexities. His extensive experience with roadway projects allows him to proactively identify and address possible project issues. His goal is to make the Lake County project manager’s life easier and to provide solutions, not problems. Bill will be the primary point of contact for the County throughout the life of the project. One notable project he has managed with similar elements is the widening of 4.5 miles of SR 429 for the Central Florida Expressway Authority (CFX). The project includes widening to the inside with through



#### Legend

- Moffatt & Nichol
- Environmental Science Associates, Inc.
- Geotechnical & Environmental Consultants, Inc.
- Keith and Associates, Inc.

lanes in each direction with full-depth shoulders and a median barrier wall as well as upgrades and safety improvements to side streets, including CR 437A in Apopka.

**James Blackford, PE**, will assist Bill as the lead roadway engineer. James has 14 years of design experience, seven of which were spent at Florida Department of Transportation (FDOT) District 5 headquarters in DeLand. James has designed a number of widening and resurfacing projects. He is also an experienced three-dimensional (3D) roadway modeler. He is currently serving as the engineer-of-record (EOR) for the resurfacing of SR 40 in Volusia County for FDOT District 5.

**Kevin Abel, PE**, will serve as the lead traffic engineer for the project. Kevin, a Lake County resident, has 23 years of transportation engineering experience and is a self-professed traffic nerd who is passionate about safety. His career has included work on numerous safety improvement projects for FDOT.

**Adam Crouch, PE, CFM**, will lead the drainage and stormwater effort. Adam has 16 years of experience in all things drainage and permitting. He has good working relationships with St. Johns River Water Management District (SJRWMD) and FDOT District 5 drainage staff. His clients include FDOT, CFX, Seminole County, and City of Altamonte Springs.

**Rebecca Davis, PE**, will serve as the quality assurance/quality control (QA/QC) officer and will direct the implementation of M&N's QA/QC policy. Rebecca has 16 years of experience in roadway design, including 11 years as FDOT District 5 staff.

#### *Subconsultants*

**KEITH** will provide survey, subsurface utility engineering (SUE), and utility coordination. Survey efforts will be led by **William Arata, PSM**, with more than 30 years' experience in transportation projects. SUE tasks will be led by **Mark Mitchell**, and utility coordination will be led by **Eugene Khashper**, a former FDOT District 4 Utilities Administrator with 19 years of experience in utility coordination, utility permits review, and construction plans review.

**ESA**, led by **Doug Skurski, MS, PWS**, will handle tasks needed to prepare the categorical exclusion form as well as environmental permitting. Doug recently led the environmental evaluations needed for the CR 452 safety improvements project in Lake County.

**GEC**, led by **Craig Ballock, PE**, and **Richard McCormick, PG**, will be responsible for any geotechnical work needed to complete the project. GEC recently performed work in Lake County on the Schofield Road Extension, CR 455 curve realignment, and as a team member with M&N on the Wekiva Segment 3B project.

### **Specialized Experience & Technical Competence in Type of Work Required**

Our objective aligns with yours to produce quality plans that are constructible while reducing the support required by County staff. M&N acknowledges that key identified personnel will be available for the duration of the project, and no person shall be removed or replaced without prior concurrence. As the prime consultant, M&N will perform roadway, drainage/permitting, signing and marking, pavement designs, maintenance of traffic, and traffic analysis. Subconsultants share our expectations for quality and performance and are available to support the project schedule with appropriate technical expertise.

The M&N team has exceptional equipment resources and capabilities that will benefit this project, Microstation 3D computing capabilities, and SS10 modeling software as an integral design tool. James' proficiency in 3D modeling on past projects has resulted in more accurate quantities and fewer construction issues and claims. We propose to convert design files to AutoCAD for use by the County.

Kevin's support of FDOT District 3's Traffic Operations group allows him to review safety studies regularly and see which safety improvements have the greatest impact. The roads evaluated are often two-lane and in a rural context, very similar to Villa City Road. Kevin's knowledge of best management practices for safety improvements will be applied to this corridor. If any improvements beyond those included in the safety study appear as though they could have a meaningful impact, he will bring that information to the County for discussion.



Adam is the drainage EOR for the SR 514 safety improvement project, with similar drainage needs as Villa City Road. SR 514 is rural, with improvements requiring modified ditches and side drains. The drainage approach kept the water moving where it was intended and maintained existing capacity. Adam prepared ditch calculations, modified drainage structures, and adjusted side drains. His experience will benefit Lake County.

Rebecca is the roadway and signing and pavement markings EOR for the SR 514 safety improvement project. This two-lane rural roadway included minor widening to accommodate turn lanes. The roadway/pavement/temporary traffic control design component was similar to the needs for Villa City Road.

Craig served as geotechnical engineer for the CR 455 curve realignment project, which included realigning the roadway to eliminate the existing curve-tangent-curve alignment and modifying the existing profile. The subsurface exploration program included roadway borings, borings and permeability testing for needed swale and pond areas, and pavement cores and limerock bearing ratio testing for pavement design.

Doug recently led environmental evaluations, including wetland delineation and species surveys, in support of the FDOT District 5 environmental certification for CR 452. This was a Local Agency Program (LAP)-funded safety improvement project from SR 44 to the Lake/Marion County line.

### **Past Projects Listed on Contracts with Government Agencies and Private Industry**

M&N's team members have successfully delivered many similar projects to clients and are currently providing those type services on multiple projects throughout Florida. Examples of successfully delivered projects are reflected in Tab B.

### **Capacity to Accomplish Work in Proposed Completion Schedule**

A detailed schedule is included at the end of Tab A.

As shown in our organizational chart, we have the right team members to accomplish this project within your schedule. In addition to the staff shown, M&N has 80 employees within Florida, 20 of those available in our local Lake Mary office to assist as needed in meeting any deadline. In addition to our local team, M&N is a full-service global engineering firm with corporate headquarters in Long Beach, California. With more than 900 employees in 41 offices, our focus and mission is to provide quality, practical solutions to clients in transportation, environmental, and urban development markets around the world.

### **Understanding of the Project**

M&N is committed to supporting Lake County with the safety improvements of CR 565 (Villa City Road). Villa City Road is a vital north/south connector in southwest Lake County and serves as a link between SR 50 on the south and US 27 on the north. This important road is a two-lane minor collector that attracts traffic from residential communities, but is also routinely used by trucks to reach the arterial highways on each end. Traffic volumes for the roadway have eclipsed 5,000 average annual daily traffic (AADT) on the south end where there is an abundance of subdivisions with numerous residential lots, but still reach 2,200 AADT on the north end where there is less development and large agricultural tracts. Due to a relatively large number of crashes—including two fatalities and six incapacitating injuries—a safety study was commissioned to determine what types of improvements could be implemented to lessen and hopefully eliminate crashes. The study separated the roadway into ten segments for analysis. Seven major curves in the alignment and two roadway drop-off locations were identified. The study recommended short- and long-term improvements that could be made to improve safety for all these locations being used to guide the design of the project. Coordination with the County revealed that most of the signs recommended in the study have already been placed. Also, a separate speed study was performed for the County that concluded the posted speeds were appropriate. A field review of the roadway was conducted by our team with the safety study in hand to understand each recommendation and determine if any additional improvements were apparent. We can report that a number of the short-term improvements, such as installation of chevrons with reflective strips on the sign posts, have been made.

## Approach to the Project

M&N's approach to the CR 565 safety project is outlined in the following pages. We have reviewed the scope, met with Lake County staff, and reviewed existing documents. Key issues are as follows:

**Roadway.** CR 565 (Villa City Road) is a two-lane undivided rural minor collector with posted speeds ranging from 40 to 55 miles per hour (mph). Several curves have posted advisory speeds of 35 mph. The existing typical section varies through the corridor. Segments of the study corridor that were resurfaced in 2015 have 12-foot travel lanes and 8-foot shoulders (3-foot paved). Segments outside of this have travel lanes less than 12 feet and no paved shoulders.

Proposed improvements include resurfacing segments that have not previously been resurfaced, widening travel lanes to 12 feet and adding 8-foot shoulders (4-foot paved and 4-foot turf), installing guardrail at drop-off locations, and providing new pavement markings and signs. Segments 2 and 3 contain two separate reverse curves that have had numerous lane departure crashes. Our team will review the existing cross slope of these curves to determine if adjustments to the superelevation are required. The adjustments can be corrected with a combination of milling and overbuild. We understand that LAP funds will be used for this project. Our team will prepare cost estimates to evaluate the proposed improvements to conform to the programmed dollars. It is anticipated that all improvements will be constructed within the existing right-of-way (ROW).

Pavement designs will be prepared in accordance with the 2021 FDOT Flexible Pavement Design Manual and will meet the required structural number for the road. Multiple pavement designs will be considered specifically in areas where a high-water table exists.

**Temporary Traffic Control Plan (TTCP).** A simple, yet effective TTCP will be used to accomplish the work. Most of the project will be constructed utilizing shoulder and lanes closures that conform to FDOT Standard Plans Index 102-602 and 102-603 configurations. Special details will be developed, where necessary. Lane closure analyses will be performed for segments with different AADT numbers to determine optimum working hours.

**Drainage.** Our team will review proposed roadway improvements for drainage impacts and address the five identified areas where ponding is occurring. We will review existing ditch capacity, maintain flow patterns, modify side drains, and keep water moving off the roadway. Drainage will be kept to only what is needed to implement the roadway safety improvements. A stormwater pollution prevention plan following FDOT specifications will be developed to protect downstream property owners and adjacent wetlands from construction runoff.

**Signing and Marking.** A well-thought-out signing and pavement marking scheme provides a safe facility for roadway users. While a stretch of road may be easy to traverse on a dry day, a rainy night could present a challenge.

All segments of Villa City Road that are milled and resurfaced will receive vibrant new pavement markings and reflectors. This will include 6-inch white edge lines, double solid yellow lines, and new Type B retroreflective pavement markers. Another safety enhancement will be the installation of flashing beacons on curve warning signs to alert motorists of the upcoming curvature in the roadway. In addition, an inventory of existing signage will be performed, and any sign that has not been updated according to the recommendations of the safety study will be identified in the plans. Any other signs in a state of disrepair will be reported to the County to decide if upgrades will be included with this project or done with maintenance forces. As an

exception to what is shown in the safety study on sheets G-11, G-15, and G-17, chevron signs (W1-8) will only be installed on the outside of the curves in accordance with Manual on Uniform Traffic Control Devices 2C.09.



Figure 1. Drop-off 2



Figure 2. Segment 1

**Survey.** Our team will acquire topographic survey data using terrestrial mobile light detection and ranging (TML). TML will produce a 3D point cloud that can render cross sections or digital terrain models in specific areas or throughout the project limits. This capability minimizes the need to re-mobilize survey crews to collect additional field data. We will also establish the ROW through the corridor. KEITH has accomplished this on numerous projects and will coordinate with the Lake County ROW Supervisor.

**SUE.** Our design team will provide SUE support. We will utilize different forms such as records research, (Quality Level D), utility designation (Quality Level B), and utility locates (Quality Level A). Our team’s experience providing SUE services on design projects will help identify existing utilities early and accurately at the design stage instead of during construction, when unknown utility conflicts can cause major delays and unforeseen expenses.

**Utility Coordination.** Utility design meetings will be held to keep the utility agency/owner (UAO) and the design team in constant communication to negotiate and resolve all issues in a timely fashion. It is our team’s philosophy to avoid ALL utility impacts wherever practical. If conflicts are identified by the design team, a conflict matrix will be created, and all individual conflict locations will be addressed with the design team and UAO. If the utility conflict cannot be avoided, the utility coordinator will work closely with the design team to determine if the UAO can be protected, adjusted, or must be relocated. Final certification will be submitted to the Department of Utility Outreach when all utility negotiations have been completed in accordance with scope requirements.



Figure 3. Segment 10

**Geotechnical.** Soil conditions along Villa City Road typically consist of upland, gently to strongly sloping sands with seasonal high groundwater levels ranging from 3.5 feet to greater than 6 feet below the natural ground surface. However, Villa City Road crosses an isolated area of Oklawaha Muck—a soil type typically associated with organic soil deposits and shallow groundwater conditions—between James Place and Lake Catherine Circle. Due to the increased potential for organic soils and relatively shallow groundwater conditions between James Place and Lake Catherine, soil borings are recommended to delineate any surface or buried organic soils and establish groundwater levels for the proposed roadway widening in this area. Pavement conditions in the areas of the project not previously resurfaced are generally in fair to poor condition. Moderate to severe linear branch cracking is present in the resurfacing areas, and pavement cores are recommended to evaluate crack depths for use in establishing milling depth recommendations. Geotechnical services will also include corrosion series testing for optional pipe material analysis for new cross-drain pipes.

**Environmental Permitting.** Wetlands along the corridor include marsh wetlands, lakes, and the Palatka River, classified as Outstanding Florida Waters. Wetlands will be delineated along the ROW where work is anticipated to allow the design team to avoid to the greatest extent practical. Environmental resource permit (ERP) exemptions are applicable, including safety improvements, roadway resurfacing, and culvert extensions. We anticipate this project should be exempt from obtaining an ERP from SJRWMD. Impacts to wetlands or surface waters may also require federal permitting under Section 404 of the Clean Water Act. Florida Department of Environmental Protection “assumed” federal permitting responsibility of inland freshwater wetlands and surface waters in December 2020; therefore, a State 404 general permit may be required.

Wildlife surveys will be performed to identify potential presence of state and/or federally protected species, which may be affected by the project construction, and may require permitting or special accommodations during construction. Our team’s biologists will perform a 100% gopher tortoise survey to note the location of any potentially occupied burrows in the ROW. Burrows will be noted on the plans and either protected onsite or relocated (per Florida Fish and Wildlife Conservation Commission guidelines) during construction.

US Fish and Wildlife Service (USFWS) and FDOT recently agreed to an FDOT Programmatic Approach for Minor Transportation Activities (April 2021), streamlining Endangered Species Act consultation for federally protected species, specifically for minor rehab, repair, or safety improvements, such as the Villa City Road project. As this

is an FDOT-funded LAP project, our team will apply the guidance in this Programmatic Agreement (PA) to recommend appropriate species surveys, apply suitable conservation measures, and make determinations of effect to protected species—either No Effect or May Affect, Not Likely to Adversely Affect. By following the guidance of this PA, Lake County should not need to seek formal written concurrence from USFWS, which saves considerable time in the project schedule.

**Natural Resource Evaluation (NRE).** Our team will prepare a NRE to support any necessary exemption determinations or permit applications and provide sufficient wetland, wildlife, and water quality information for completion of the National Environmental Policy Act Type 1 Categorical Exclusion checklist. The NRE will be submitted to FDOT District 5 Environmental Management Office, for their use in completing the categorical exclusion checklist internally and providing environmental certification of this project.

## QA/QC

M&N fully understands the importance of quality in every activity. We not only support development of quality control procedures for each project task, but enforce those procedures internally and among our subconsultants. Quality will be monitored on a regular basis by QA/QC officer, Rebecca Davis, PE, and project principal-in-charge, Darrell Nance, PE. Understanding your project objectives is paramount to developing practical, constructable, and cost-effective solutions. Our quality goal is to deliver services and work products in a manner that exceeds Lake County expectations including conformance with contract requirements, prevailing industry standards, applicable laws, and licensing requirements.

Our standard five-step procedure includes a method of checking design plans and calculations that will provide clear documentation of inconsistencies or errors identified prior to submittal to Lake County. It also outlines a method of back-checking final corrections. The process involves recording comments, questions, and recommended changes (additions, deletions, and corrections) for the design team. We will draw upon our team's knowledge to provide constructability reviews of the roadway geometrics and bridge structures for value engineering early in the design process to allow time to identify issues and incorporate solutions.

The M&N team includes carefully chosen subconsultants to meet project demands. Subconsultants will follow M&N's quality control procedures. Our team's approach is a testament to the emphasis on quality we give to each project, and the M&N team will successfully accomplish that goal for you on CR 565.

## Prohibition Against Contingent Fees

I, Darrell Nance, as an authorized agent of Moffatt & Nichol warrant that Moffatt & Nichol has not employed or retained any company or person, other than a bona fide employee working solely for Moffatt & Nichol to solicit or secure this agreement and that Moffatt & Nichol has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for Moffatt & Nichol any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this agreement.

## Summary

The M&N team is available and committed to meet all of Lake County's needs under this contract. We very much appreciate the opportunity to submit our proposal and look forward to the next step in your selection process. Please contact project manager Bill Terwilliger at 321.249.1206 or [bterwilliger@moffattnichol.com](mailto:bterwilliger@moffattnichol.com) should you have any questions. We look forward to serving Lake County, and we ask that you give us that opportunity!

Sincerely,

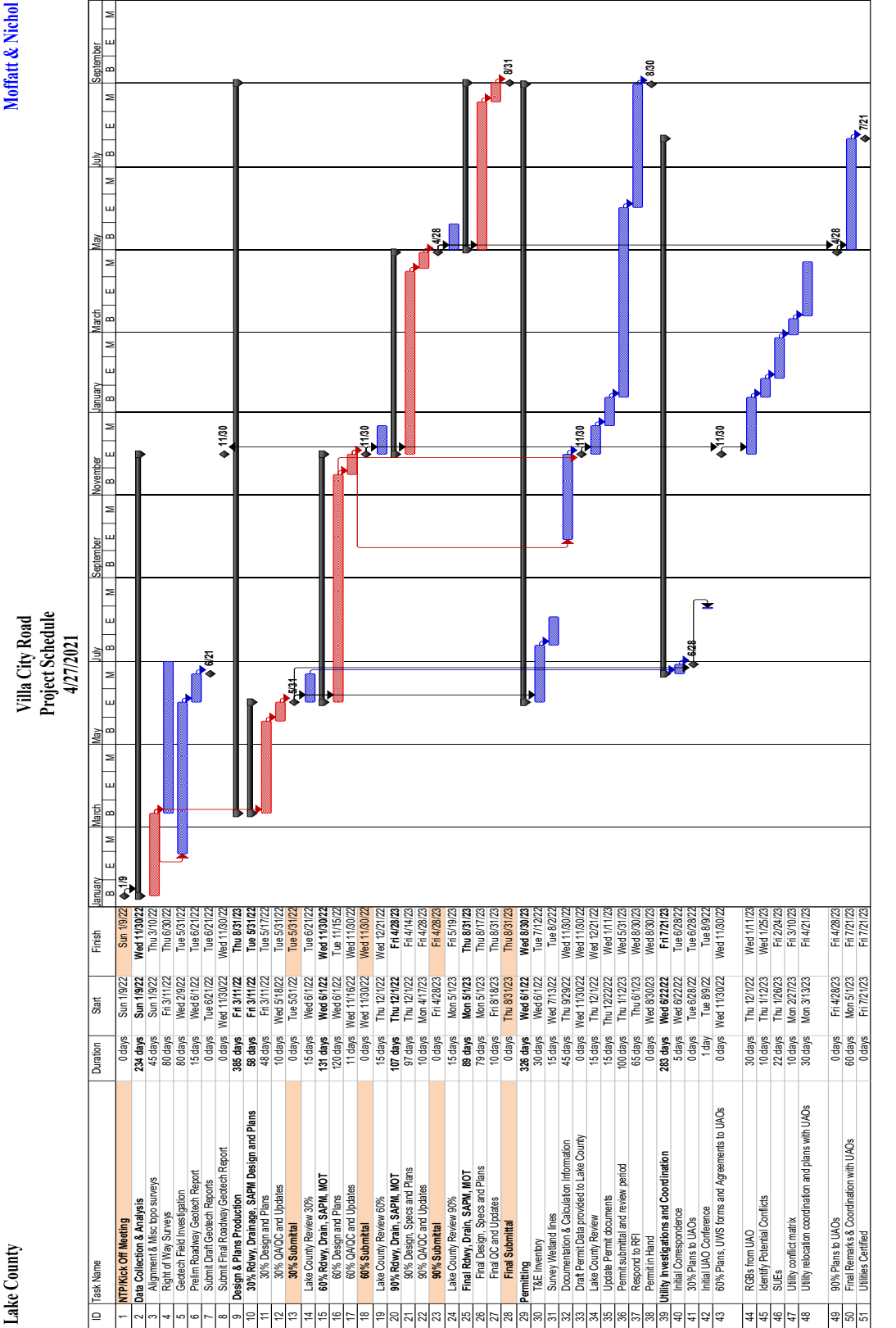
Moffatt & Nichol



Darrell Nance, PE  
Vice President



# PROJECT SCHEDULE



## FIRM'S WILLINGNESS TO MEET TIME COMMITMENTS

When notice-to-proceed (NTP) is received, a comprehensive schedule that reflects basic tasks identified to complete the work, task durations and relationships, inputs by others, deliverables, and key milestone dates will be submitted to Lake County for approval. It will be monitored regularly and used to help drive the project to completion while assuring each element is accomplished in a quality manner, on-time. Our team can begin work immediately. With a NTP on January 9, 2022, we will deliver this project within 20 months with final plans on August 31, 2023.



# TAB B

# FIRM PROFILE FORM

## ATTACHMENT 6

### FIRM PROFILE FORM

<p>1. Firm Name and Primary Corporate Address</p> <p>Moffatt &amp; Nichol 4225 East Conant Street Long Beach, CA 90808</p>	<p>1a. Licensed to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1b. Registered to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>								
<p>1d. Firm is <input checked="" type="checkbox"/> National <input type="checkbox"/> Regional <input type="checkbox"/> Local</p> <p>FEIN # <u>95-1951343</u></p>	<p>1c. Name, Title, Email, &amp; Telephone Number of Principal to Contact Darrell Nance, PE Vice President dnance@moffattnichol.com 407.694.4035 (mobile)</p> <p>1e. Firm is a Certified Minority Business Enterprise <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>								
<p>2. Please list the number of people by discipline that your firm will commit to the County's project.</p> <table> <tr> <td>Project Manager</td> <td>1</td> </tr> <tr> <td>Transportation Engineers</td> <td>4</td> </tr> <tr> <td>Traffic Engineers</td> <td>2</td> </tr> <tr> <td>Drainage Engineers</td> <td>2</td> </tr> </table>		Project Manager	1	Transportation Engineers	4	Traffic Engineers	2	Drainage Engineers	2
Project Manager	1								
Transportation Engineers	4								
Traffic Engineers	2								
Drainage Engineers	2								

## FIRM LICENSES

**DBPR ONLINE SERVICES**

**Licensee Details**

**License Information**

Name:	MOFFATT & NICHOL (Primary Name)
Main Address:	4225 E. CONANT STREET, SUITE 101 LONG BEACH California 90808
County:	OUT OF STATE
License Mailing:	4225 E. CONANT STREET, SUITE 101 LONG BEACH CA 90808
County:	OUT OF STATE
License Location:	

**License Information**

License Type:	Registry
Rank:	Registry
License Number:	4877
Status:	Current
Licensure Date:	12/04/1987
Expires:	

**Special Qualifications**      Qualification Effective

**Alternate Names**

### Moffatt & Nichol

**DBPR ONLINE SERVICES**

**Licensee Details**

**License Information**

Name:	GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC. (Primary Name)
Main Address:	919 LAKE BALWYN LANE ORLANDO Florida 32814
County:	ORANGE
License Mailing:	919 LAKE BALWYN LANE ORLANDO FL 32814
County:	ORANGE
License Location:	

**License Information**

License Type:	Registry
Rank:	Registry
License Number:	5902
Status:	Current
Licensure Date:	02/01/1991
Expires:	

**Special Qualifications**      Qualification Effective

**Alternate Names**

**View Related License Information**  
View License Complaint

### Geotechnical & Environmental Consultants (GEC)

Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2085 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LB6860**  
Expiration Date: February 28, 2023

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

**KEITH AND ASSOCIATES INC**  
301 EAST ATLANTIC BLVD  
POMPANO BEACH, FL 33069-6643

*Nicole Fried*  
NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

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

### Keith

## EVIDENCE OF CORPORATE REGISTRATION

### State of Florida Department of State

I certify from the records of this office that MOFFATT & NICHOL, INC. is a California corporation authorized to transact business in the State of Florida, qualified on June 10, 1985.

The document number of this corporation is P06383.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on January 4, 2021, and that its status is active.

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

Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Fourth day of January, 2021



*Ronald DeBeauvoir*  
Secretary of State

Tracking Number: 0715590019CC

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

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

# TEAM COMPOSITION FORM

## ATTACHMENT 7

### TEAM COMPOSITION FORM

Role	Name of individual assigned to the project	Florida Active Registrations Number
Principal-in-Charge	Darrell Nance, PE	35730
Project Manager	William Terwilleger, PE	43427
Quality Control	Rebecca Davis, PE	69131
Roadway	James Blackford, PE	72980
Roadway	Jamie Doerr, PE	87349
Signing & Pavement Marking	Kevin Abel, PE	81605
Signing & Pavement Marking	Constanza Suarez, PE	73993
Drainage	Adam Crouch, PE	73036
Drainage	Ramone Spalding	N/A

#### Sub Consultants:

Role (i.e., Underground Utility Location, Environmental, GIS Mapping Services )	Company Name Handling this Project	Projected % of Over-All Work on Entire Project	Name of Individual Assigned to this Project	Firm Worked with prime before (Yes or No)	Individual Worked with prime before (Yes or No)
Environmental	ESA	3	Tori Kuba Douglas Skurski, MS, PWS	Yes	Yes
Geotechnical	GEC	10	Craig Ballock, PE Richard McCormick, PG	Yes	Yes
Survey	KEITH	20	William Arata, PSM Eugene Khashper Mark Mitchell	Yes	No

Are there any contractual agreements between the respondent (prime consultant) and any of the proposed sub-consultants? \_\_\_\_\_yes no\*

\* We have no contracts in place for the current pursuit. We will provide those once they are signed.

If the answer is yes, the respondent shall attach, with their submittal, information describing the contractual relationship including a copy of any written contractual agreement.

# PROFESSIONAL LICENSES

## Moffatt & Nichol (M&N)

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS  
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**ABEL, KEVIN LEE**  
33925 TERRAGONA DRIVE  
SORRENTO FL 32776

LICENSE NUMBER: PE81605  
EXPIRATION DATE: FEBRUARY 28, 2023  
Always verify licenses online at MyFloridaLicense.com

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Ron DeSantis, Governor

STATE OF FLORIDA

FBPE  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS  
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**BLACKFORD, JAMES EDWARD III**  
1800 BOBTAIL DR.  
MAITLAND FL 32751

LICENSE NUMBER: PE72980  
EXPIRATION DATE: FEBRUARY 28, 2023  
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STATE OF FLORIDA

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**CROUCH, ADAM KENT**  
1025 GREENWOOD BLVD.  
SUITE 371  
LAKE MARY FL 32746

LICENSE NUMBER: PE73036  
EXPIRATION DATE: FEBRUARY 28, 2023  
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**DAVIS, REBECCA MARIE**  
1440 WYNGATE DR  
DELAND FL 32724

LICENSE NUMBER: PE69131  
EXPIRATION DATE: FEBRUARY 28, 2023  
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**DOERR, JAMIE CAPRA**  
40 E. PRESTON ST.  
ORLANDO FL 32804

LICENSE NUMBER: PE87349  
EXPIRATION DATE: FEBRUARY 28, 2023  
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STATE OF FLORIDA

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**NANCE, DARRELL ANTHONY**  
1025 GREENWOOD BOULEVARD  
LAKE MARY FL 32746

LICENSE NUMBER: PE35730  
EXPIRATION DATE: FEBRUARY 28, 2023  
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**SUAREZ, MARIA CONSTANZA**  
325 S BISCAYNE BLVD  
APT 3914  
MIAMI FL 33131

LICENSE NUMBER: PE73993  
EXPIRATION DATE: FEBRUARY 28, 2023  
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**TERWILLIGER, WILLIAM ALVA**  
309 W 15TH ST  
SANFORD FL 32771

LICENSE NUMBER: PE49427  
EXPIRATION DATE: FEBRUARY 28, 2023  
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**Geotechnical & Environmental Consultants (GEC)**

Ron DeSantis, Governor

STATE OF FLORIDA

**FBPE**  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

**BOARD OF PROFESSIONAL ENGINEERS**  
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**BALLOCK, CRAIG GEORGE**  
400 SANDRINGHAM COURT  
WINTER SPRINGS FL 32708

LICENSE NUMBER: PE71571  
EXPIRATION DATE: FEBRUARY 28, 2023  
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Ron DeSantis, Governor

STATE OF FLORIDA

Haley Beshears, Secretary

**dbpr**  
FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

**BOARD OF PROFESSIONAL GEOLOGISTS**  
THE PROFESSIONAL GEOLOGIST HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

**MCCORMICK, RICHARD P**  
752 NEUSE AVENUE  
ORLANDO FL 32804

LICENSE NUMBER: PG2096  
EXPIRATION DATE: JULY 31, 2022  
Always verify licenses online at MyFloridaLicense.com

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**Keith**

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

License No.: LS5082  
Expiration Date February 28, 2023

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

WILLIAM A ARATA  
1442 NW 97TH AVE  
CORAL SPRINGS, FL 33071-5953

*Nicole Fried*  
NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

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

## RESUMES

### WILLIAM TERWILLEGER, PE

Project Manager  
Moffatt & Nichol



William Terwillegger has 36 years of experience in transportation design encompassing planning, design, and preparation of construction drawings and contract documents for all types of surface transportation facilities. William has served as project manager and/or lead transportation engineer on roadway projects ranging from rural highways to urban freeways and limited-access roadways, including traditional design-bid-build, design-build, and public-private partnerships. He has a thorough understanding of American Association of State Highway and Traffic Officials (AASHTO) guidelines and Florida Department of Transportation (FDOT) requirements for highway design.

### REPRESENTATIVE PROJECT EXPERIENCE

- \*SR 429 Widening from West Road to SR 414, Central Florida Expressway Authority (CFX), Orange County, Florida.** Project manager for the widening of 4.4 miles of SR 429 from just north of West Road to the SR 429/SR 414 interchange for CFX. The project will increase capacity from a four- to six- lane roadway and allow room for future expansion. Project improvements include widening to the inside with through lanes in each direction with full-depth shoulders and a median barrier wall.
- \*Resurfacing and Safety Upgrades for Turnpike Mainline, Florida's Turnpike Enterprise, Osceola County, Florida.** Lead transportation engineer for post-design services for the milling and resurfacing of the Turnpike Mainline from Osceola Parkway south to US 192 in Osceola County to improve ride quality and extend the longevity of the roadway.
- \*Wekiva Parkway, Section 3B, FDOT District 5, Lake County, Florida.** Project manager for post-design services including plan revisions, shop drawing reviews, and responding to requests for information. Section 3B involves replacement of an existing diamond interchange at SR 46 and US 441 with an at-grade intersection and a grade-separated flyover from southbound US 441 to eastbound SR 46.
- \*US 27 (SR 25) Interchange at SR 50, FDOT, Lake County, Florida.** Project manager and engineer-of-record for this \$20.9M design-build project for reconstruction of the US 27 interchange with SR 50. The project consisted of replacing the existing interchange, including reconfiguration of the ramps to loop ramps in each quadrant.
- \*SR 25 Widening from North of Lake Louisa Road to North of Cluster Oak Drive, FDOT, Lake County, Florida.** Project manager on this \$19.8M design-build project to reconstruct and widen 3.8 miles of SR 25 (US 27) to provide a six-lane suburban typical section with bike lanes and sidewalk in each direction.
- \*SR A1A, Ormond Beach, FDOT District 5, DeLand, Florida.** Project manager and engineer-of-record for the milling and resurfacing of this 3-mile section of SR A1A.
- \*SR 44, Volusia County, FDOT District 5, DeLand, Florida.** Project manager and engineer-of-record for the milling and resurfacing of this 13-mile section of SR 44.

\* Indicates project similar in nature to the services requested in this RFQ

### EDUCATION

BS, Civil Engineering, University of Florida, 1985

### REGISTRATION

Professional Engineer:  
Florida, 43427, 1990

### CERTIFICATIONS

Advanced Maintenance of Traffic, FDOT,  
#30037

### AFFILIATIONS

American Society of Civil Engineers  
American Society of Highway Engineers

# DARRELL NANCE, PE

Principal-in-Charge  
Moffatt & Nichol



Darrell Nance has more than 35 years of civil engineering experience, with a focus in transportation in Central and North Florida. Darrell's expertise ranges from program and project management, project planning and scheduling, cost estimating and regulatory authority coordination to schematic, preliminary, and final design of expressway, interstate, municipal street, rural roadway, and arterial highway facilities. He is also experienced in bridge design, construction engineering and inspection, stormwater management, site development, surveying, CAD, and aviation and rail projects.

Darrell has worked extensively with FDOT Districts 2, 3 and 5, and multiple counties serving as principal-in-charge on transportation design projects and managing facilitation of general engineering consultant (GEC) services contracts. Darrell has extensive experience in technical and fee proposal preparation, contract bidding and administration, contract services, quality assurance/quality control (QA/QC) program implementation, and expert witness testimony.

Darrell has more than 24 years of operational experience in recruitment and project staffing of over 500 technical employees. As part of a retention program, he created and implemented a Transportation Graduate Training Program that trained and transitioned graduate trainees from their educational past into highly effective employees.

## REPRESENTATIVE PROJECT EXPERIENCE

**I-4 Ultimate Project Management Consultant Contract, FDOT District 5, DeLand, Florida.** Project principal for the management of design activities on the I-4 corridor involving master plan implementation.

**Seminole County GEC Contract, Seminole County, Florida.** Project principal for the management of projects included in Seminole County's one-cent sales tax initiative. Served in a program oversight role, responsible for providing technical resources, including experienced staff for necessary support activities.

**Orlando-Orange County Expressway Authority (OOCEA), Florida.** Program principal providing transportation engineering services for the OOCEA (now CFX) for its system of over 100 miles of toll roads in Central Florida. Services included long-range transportation planning, financial management, consultant coordination, highway and toll facility engineering, design, and survey services.

**Osceola County GEC Contract, Osceola, Florida.** Project manager who provided as-needed services to facilitate critical project completion.

**World Drive, Walt Disney World Magic Kingdom, Disney Development Company, Celebration, Florida.** Provided technical oversight and project management for this Disney Development Company project to include widening and rehabilitation of an existing section of World Drive from Vista Drive to the water bridge at Seven Seas Lagoon in the Magic Kingdom Theme Park.

**Wickham Road Phase IV, Brevard County, Florida.** Project manager and technical lead for this 5-mile widening project from two to four lanes, with a construction cost of \$14M. Services included preliminary engineering, final design, and construction management from the Pineda Causeway to I-95.

**Wickham Road Phase III, Brevard County, Florida.** Project manager responsible for the technical management of preliminary engineering, final design, and construction management services for 2.2 miles of an urban arterial facility from Post Road to the Pineda Causeway.

## EDUCATION

BS, Civil Engineering, University of Alabama, Birmingham, 1984

BS, Engineering, University of Alabama, Birmingham, 1982

## REGISTRATION

Professional Engineer:  
Florida, 35730, 1985

## AFFILIATIONS

American Railway Engineering and  
Maintenance-of-Way Association

American Society of Civil Engineers

Florida Engineering Society

National Society of Professional  
Engineers



# REBECCA DAVIS, PE

Quality Assurance/Quality Control  
Moffatt & Nichol



Rebecca Davis has more than 16 years of transportation engineering experience in Florida, including more than 11 years with FDOT District 5. During that time, she served in positions such as lead designer, engineer-of-record, and project manager on District 5 projects ranging from resurfacing and bridge replacement to complete reconstruction. Her experience included all aspects of the plans production process, scope development, project schedule and budget management, and consultant acquisition activities. As a consultant, Rebecca has served as project manager, engineer-of-record, quality control reviewer, and project engineer on transportation projects throughout Florida.

## REPRESENTATIVE PROJECT EXPERIENCE

**Continuing Services Contract for Roadway Design #016, FDOT District 5, Florida.** Contract manager and quality control reviewer for this task-based design contract including major work groups 3.1 and 3.2. This is a five-year \$5M contract, and all projects must be designed and constructed with the five-year contract duration. Tasks assigned to this contract include three resurfacing projects and two signalization projects.

**Districtwide Quality Assurance Plans Review Support Services, FDOT District 5, Florida.** Project manager and plans reviewer for this continuing contract that involves quality assurance of all types of plans produced for FDOT District 5. All plans are checked against the FDOT Design Manual, FDOT Design Standard Plans, FDOT Standard Specifications, and all other FDOT guidelines with a focus on biddability and constructability. As a subconsultant to BCC Engineering, responsibilities include plans reviews, comment compilation, workload assignment, and management.

**\*Jamestown Turn Lane Improvement, Altamonte Springs, Florida.** Quality control reviewer for this turn lane widening project that includes addition of a right-turn lane at an urban intersection. Project included preparation of an alternatives analysis, roadway, drainage, and pavement markings design, utility coordination, cost estimate development, and preparation of construction plans.

**\*SR 514 Intersection Improvements, Brevard County, FDOT District 5, Florida.** Engineer-of-record for the roadway design and signing and pavement markings for this turn-lane widening project. The project will add turn lanes at two intersections on the two-lane rural roadway. The project involves right-of-way acquisitions, temporary traffic control plan and detours, a detailed pavement design to mitigate a high-water table, and coordination with the local government.

**\*SR 429 Widening from West Road to SR 414, CFX, Orange County, Florida.** Quality control reviewer for the widening of 4.4 miles of SR 429 from just north of West Road to the SR 429/SR 414 interchange for CFX. The project will increase capacity from a four- to six-lane roadway and allow room for future expansion. Project improvements include widening to the inside with through lanes in each direction with full-depth shoulders and a median barrier wall. This project includes widening the existing bridges over West Orange Trail, West McCormick Road, Harmon Road, and the southbound off-ramp to SR 414. It also includes replacing the existing bridge over Ocoee Apopka Road with a new single span bridge. Additional items of work include, signing and pavement markings, intelligent transportation systems (ITS), and lighting.

*\* Indicates project similar in nature to the services requested in this RFQ*

## EDUCATION

MS, Civil Engineering, University of Central Florida, 2007

BS, Civil Engineering, Michigan State University, 2003

## REGISTRATION

Professional Engineer:  
Florida, 69131, 2009

## CERTIFICATION

Advanced Maintenance of Traffic

## TRAINING

Certified Public Manager Program

FDOT's Supervisor and Management Academies

FDOT Roadway Design and 3D Modeling Course

Florida Engineering Leadership Institute Program

# JAMES BLACKFORD, PE

Roadway  
Moffatt & Nichol



James Blackford has more than 14 years of transportation engineering experience in Florida, including more than eight years with FDOT. As an FDOT roadway engineer, he was responsible for managing design projects, leading teams in producing roadway plans, and assisting with consultant selections and negotiations. As a consultant, James leads project teams during design and production, coordinates with clients and subconsultants, prepares cost estimates, and assists in developing project schedules and budgets.

## REPRESENTATIVE PROJECT EXPERIENCE

**\*SR 40 Resurfacing from Rodeo Road to Tomoka River, FDOT District 5, Volusia County, Florida.** Engineer-of-record for the resurfacing of 6.3 miles of SR 40 from east of Rodeo Road to the bridge over the Tomoka River. The project includes resurfacing the existing roadway to meet the required structural number, correcting deficient cross slopes, constructing asphalt aprons at unpaved turnouts, replacing sidewalk, and installing new curb ramps at Tymber Creek Road. This project also includes preparation of temporary traffic control plans for vehicles and pedestrians.

**Districtwide Quality Assurance, FDOT District 5, Florida.** Plans reviewer for this continuing contract that involves quality assurance of all types of plans produced for FDOT District 5. All plans were checked against the FDOT Design Manual, FDOT Design Standard Plans, FDOT Standard Specifications, and all other FDOT guidelines with a focus on biddability and constructability. Responsibilities included plans review, entering and responding to comments in the Electronic Review Comments (ERC) system.

**\*SR 514 Intersection Improvements, Brevard County, FDOT District 5, Florida.** Quality control reviewer for the roadway design and signing and pavement markings for this turn-lane widening project. The project will add turn lanes at two intersections on the two-lane rural roadway. The project involves right-of-way acquisitions, temporary traffic control plan and detours, a detailed pavement design to mitigate a high-water table, and coordination with the local government.

**\*CR 655 (K-Ville Avenue) at Recker Highway, Turn Lane Widening, Polk County, Florida.** Engineer-of-record responsible for the design of an additional right-turn lane at the intersection of CR 655 and Recker Highway. Included coordination with FDOT, roadway widening, gravity wall construction, and drainage design.

**\*SR 26 (West Newberry Road) from NW 75<sup>th</sup> Street to NW 69<sup>th</sup> Terrace, FDOT District 2, Alachua County, Florida.** Project engineer responsible for design/production to implement safety improvements. Work included roadway widening, construction of pier protection, drainage, and signal upgrades.

**\*SR 472 from East of Dr. Martin Luther King Beltway to West of Graves Avenue, FDOT District 5, Volusia County, Florida.** Project engineer responsible for the design/production to resurface, restore, and rehabilitate SR 472 from pavement joint east of Dr. Martin Luther King Beltway to pavement joint west of Graves Avenue.

**\*SR 10 (US 90) from US 301 to Jones Road, FDOT District 2, Duval County, Florida.** Project engineer responsible for design/production to resurface, restore, and rehabilitate SR 10 from US 301 to Jones Road. Work included intersection improvements at Chaffee Road intersection, shoulder widening, and keyhole construction.

*\* Indicates project similar in nature to the services requested in this RFQ*

## EDUCATION

MS, Transportation Systems Engineering, University of Central Florida, 2013

BS, Civil Engineering, University of Florida, 2006

## REGISTRATION

Professional Engineer: Florida, 72980, 2011

## CERTIFICATIONS

Advanced Maintenance of Traffic (MOT) Certified

FDOT's Supervisor and Management Academies

FDOT Roadway Design and 3D Modeling Course

FDOT Roundabouts Design Training



# JAMIE DOERR, PE

Roadway  
Moffatt & Nichol



Jamie Doerr is a project engineer with an emphasis on roadway and transportation projects. Her more than eight years of experience have involved roadway widening, resurfacing, restoration, and rehabilitation projects. Jamie is proficient in the use of MicroStation to assist in plans and preparation of design projects including the production of plans, profiles, cross sections, special details, typical sections, and temporary traffic control for roadway projects. Her experience has been focused on temporary traffic control plans and roadway safety improvement projects.

## REPRESENTATIVE PROJECT EXPERIENCE

**\*SR 514 Intersection Improvements, FDOT District 5, Brevard County, Florida.** Project engineer for this intersection improvement project. The project will add turn lanes at two intersections on the rural two-lane roadway. The project involves right-of-way acquisition, pavement design, variations, and coordination with the Town of Malabar for land designated as part of a trust.

**\*SR 40 Resurfacing, FDOT District 5, Volusia County, Florida.** Project engineer for this roadway improvement project. Project included pavement resurfacing, sidewalk, and intersection improvements along 6.3 miles of roadway.

**\*SR 520 Resurfacing, FDOT District 5, Brevard County, Florida.** Roadway engineer for this roadway improvement project. Project included pavement resurfacing, guardrail improvements, and bridge approach slab overbuild design along 2.7 miles of roadway.

**\*SR 46 Wekiva 3B Reconstruction, FDOT District 5, Mount Dora, Florida.** Project designer who prepared plans for 1.2 miles of SR 46, 1 mile of US 441, and reconfiguring of the interchange at SR 46 and US 441 in Lake County.

**\*SR 400 3R, FDOT District 5, Volusia County, Florida.** Project designer for this resurfacing, restoration, and rehabilitation project for resurfacing, drainage improvements, sidewalk construction, signalization, and signing and striping of 2.4 miles of SR 400 heavily used by the blind community of Daytona Beach.

**\*SR 520 Resurfacing, Restoration, and Rehabilitation, FDOT District 5, Brevard County, Florida.** Project designer for this resurfacing, restoration, and rehabilitation project in conjunction with three additional projects. The project involved resurfacing, replacing seven signals and relocating one, landscaping, shoulder and sidewalk construction, and drainage improvements for 2.3 miles of SR 520.

**\*SR 152 Baymeadows Road Design, FDOT District 2, Duval County, Florida.** Project designer for five intersections and sidewalk improvements along Baymeadows Road. Jacksonville Transportation Authority started this project, but it was taken over by FDOT District 2. The project required updating plans to FDOT standards and revising the temporary traffic control to provide better continuity between intersections. The project also involved right-of-way acquisition, and some utility design was required through a joint powers agreement with Jacksonville Utilities.

*\* Indicates project similar in nature to the services requested in this RFQ*

## EDUCATION

BS, Civil Engineering, University of Central Florida, 2011

## REGISTRATION

Professional Engineer:  
Florida, 87349, 2019

## CERTIFICATIONS

Qualified Stormwater Management Inspector, #29259, Florida Department of Environmental Quality, 2013

Certified in Advanced Maintenance of Traffic, FDOT, 2014

# KEVIN ABEL, PE

Signing and Pavement Marking  
Moffatt & Nichol



Kevin Abel is an experienced transportation engineer and project manager and has successfully performed work in traffic engineering, roadway planning, National Environmental Policy Act studies, roadway design, preparation of construction plans, erosion control plan preparation and inspection, field surveys, and data gathering. He also has experience overseeing design and production staff.

## REPRESENTATIVE PROJECT EXPERIENCE

**General Engineering Consultant, FDOT District 3, Florida.** Traffic engineer for this contract that involves quality assurance of all types of plans and studies produced for FDOT District 3. All plans are checked against the FDOT Design Manual, FDOT Design Standard Plans, FDOT Standard Specifications, and all other FDOT guidelines with a focus on biddability and constructability. Responsibilities include plans review, entering and responding to comments in the ERC system, review of various traffic studies submitted to the District, and attendance at traffic operations study review meetings.

**\*US 19 at St. Andrews Boulevard/Country Road New Traffic Signals, FDOT District 7, Hernando County, Florida.** Engineer-of-record for signalization, lighting, and signing and pavement marking plans on this project. This safety improvements project consisted of the installation of three new traffic signal mast arm structures with luminaires on US 19 at St. Andrews Boulevard in Hernando County to address a high incidence of traffic fatalities.

**\*SR 429 (Wekiva Parkway) Segment 6 Design-Build, FDOT District 5, Lake and Seminole Counties, Florida.** Engineer-of-record for the temporary traffic signal plans and completed quality control checks of the signing and marking plans. This project designed and constructed 5.5 miles of limited-access toll road largely along the existing SR 46 corridor from west of Old MacDonald Road to east of Osprey Hammock Trail.

**\*SR 5 from Midway to Edwards, FDOT District 4, St. Lucie County, Florida.** Traffic engineer-of-record for temporary traffic control plans and signing and pavement marking plans for a partial reconstruction and resurfacing, restoration, and rehabilitation project on an urban five-lane section of SR 5. Signing and pavement marking plans included multi-post designs with Guidesign worksheets for nonstandard panels.

**\*SR 78 at South Central Florida Express Railroad Crossing, FDOT District 1, Glades County, Florida.** Traffic engineer who designed the temporary traffic control plans and signing and pavement marking plans for improvements to this two-lane rural highway at a railroad crossing. Temporary traffic control plans were prepared in close coordination with the railroad and included temporary traffic signals.

**\*Schofield Road from US 27 to Lake-Orange County Line, Lake County, Florida.** Project engineer who completed quality control checks of the signing and marking plans. Schofield Road will be reconstructed from an existing dirt road to a two-lane rural collector roadway that serves as the primary access route for the new CEMEX Four Corners sand mine.

*\* Indicates project similar in nature to the services requested in this RFQ*

## EDUCATION

BS, Civil Engineering, University of Memphis, 2007

## REGISTRATION

Professional Engineer:  
Florida, 81605, 2016

## CERTIFICATIONS

FDOT Specifications Package  
Preparation

Occupational Safety and Health  
Administration (OSHA) 10-Hour General  
Industry

Advanced Temporary Traffic Control,  
#22652

# CONSTANZA SUAREZ, PE

Signing and Pavement Marking  
Moffatt & Nichol



Constanza Suarez has 14 years of experience in traffic engineering including traffic design, traffic studies, ITS, planning, and project management. She has a broad range of experience that includes traffic design, traffic data collection, roadway characteristics inventory (RCI), complete streets, context classification, and corridor studies support. Constanza has been involved in all aspects of a transportation-related project, from planning to final delivery of construction documents.

## REPRESENTATIVE PROJECT EXPERIENCE

**\*SR A1A from SE 3<sup>rd</sup> Street to Palm Beach County Line, FDOT District 4, Broward County, Florida.** Engineer-of-record for this resurfacing project in the City of Deerfield Beach that included development of roadway plans, signalization plans, and signing and pavement marking plans. Project included roadway widening to accommodate bicycle lanes on each side, sidewalk improvements, and new drainage structures. The use of green colored pavement was recommended to enhance bicyclist safety and awareness where conflicts with parking exist. Utility coordination as well as coordination with the City of Deerfield, Broward County Metropolitan Planning Organization, and FDOT were critical to meet the project schedule and revised goals.

**\*SR 114 (8<sup>th</sup> Street) from east of Francis Street to east of Boulevard Street, FDOT District 2, Duval County, Florida.** Engineer-of-record for this .5-mile resurfacing project. Developed signal plans for loop replacement, pedestrian improvements to meet Americans with Disabilities Act (ADA) standards, and signing and pavement marking plans.

**\*SR 91 Resurfacing and Safety Upgrades for Turnpike Mainline, Florida's Turnpike Enterprise, Osceola County, Florida.** Engineer-of-record for the signing and pavement marking, signalization, and lighting plans for this 10-mile resurfacing and safety upgrades project. Lighting improvements included upgrading existing interchange lighting to light-emitting diode fixtures at Kissimmee Park Road.

**\*SR 693 (Pasadena Avenue) at Majestic Boulevard, Gulfport Boulevard, and Park Street, FDOT District 7, Pinellas County, Florida.** Engineer-of-record for this intersection improvement project. Existing span wire signals were replaced with new mast arms at three intersections along SR 693. Improvements included deep milling details at each intersection to address extensive pavement deterioration, signing and pavement marking plans, pedestrian improvements to meet ADA standards including curb cut ramps reconstruction, and installation of a pedestrian accessible signal at the intersection of Park Street.

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

**\*SR 951 at I-75 Interchange, FDOT District 1, Collier County, Florida.** Lead project engineer for this interchange improvement project. Developed signal and signing and pavement marking plans. Improvements by the County at the interchange required simultaneous coordination.

*\* Indicates project similar in nature to the services requested in this RFQ*

## EDUCATION

MCE, Civil Engineering, University of South Florida, 2010

BS, Civil Engineering, University of South Florida, 2006

## REGISTRATION

Professional Engineer:  
Florida, 73993, 2012

## CERTIFICATIONS

Advanced Maintenance of Traffic, 2017

## AFFILIATIONS

Florida Engineering Society, Broward Chapter, President, 2016

WTS International, South Florida, TransportationYOU co-chair, 2018

Tau Beta Pi, Associate Member, 2006

# ADAM CROUCH, PE

Drainage  
Moffatt & Nichol



Adam Crouch brings 15 years of transportation drainage and civil engineering experience, focusing on leading teams to develop, design, and permit stormwater systems for a variety of transportation and water resource projects including oversight and coordination of civil site design plans, conveyance systems, stormwater management facilities, cost estimates, scheduling, and budget tracking. He has produced construction plans for civil and drainage design and reviewed construction plans and project documentation. Adam has a strong relationship with FDOT District 5 Drainage staff and understanding of GEC contracts.

## REPRESENTATIVE PROJECT EXPERIENCE

- \*Jamestown Boulevard Intersection Improvements, Altamonte Springs, Florida.** Project manager and lead drainage engineer responsible for development of construction plans and permit documents to add a southbound right-turn lane with no right-of-way acquisition. This project required turn lane widening, milling and resurfacing, drainage improvements, signing and pavement markings, utility coordination, cost estimate preparation, sidewalk design, and submitting a permit exemption request from the St. Johns River Water Management District.
- \*St. Johns River to Sea Loop Trail, FDOT District 5, New Smyrna Beach, Florida.** Drainage engineer-of-record for design of a segment of the St. Johns River to Sea Loop Trail in Volusia County. This 1.2-mile trail section will enhance pedestrian and bicyclist safety in the area and provide a vital connection through New Smyrna Beach between the City of Edgewater and the East Coast Greenway Trail. Project includes the design of trail geometry, drainage design (piping an existing ditch), minor structure design, design of special pedestrian accommodations during construction, permitting, utility coordination, public involvement, and trail signing/marketing design.
- \*Coast to Coast Trail—Orange County Gap, Orange County, Florida.** Drainage engineer for the design of the Orange County Gap (Section 2) of the Coast to Coast Trail in northwest Orange County—a 3.9-mile section from the Hiwassee Road/Clarcona-Ocoee Road intersection to the junction of US 441/SR 414. Project includes the design of trail geometry, ramp widening, milling and resurfacing, drainage design, minor structure design, design of special pedestrian accommodations during construction, roadway lighting impact evaluation, signal upgrades, permitting, utility coordination, public involvement, and trail signing/marketing design.
- \*Turnpike Mainline Widening, Florida's Turnpike Enterprise, Osceola County, Florida.** Drainage project manager for this four- to eight-lane widening project, including express lanes for 7 miles of the Turnpike Mainline. The project involves completing a pond siting report including final design for 11 basins, four floodplain impacts, four bridge hydraulic analyses, and conveyance system. Drainage design included a complex compensating treatment plan to meet South Florida Water Management District (SFWMD) permitting criteria. The project will be delivered in OpenRoads Designer, a pilot project for FDOT.
- \*SR 514 Intersection Improvements, Brevard County, FDOT District 5, Florida.** Project manager/drainage engineer for the roadway design and signing and pavement markings for this turn-lane widening project. The project will add turn lanes at two intersections on the two-lane rural roadway. The project involves right-of-way acquisitions, temporary traffic control plan and detours, a detailed pavement design to mitigate a high-water table, and coordination with the local government.

\* Indicates project similar in nature to the services requested in this RFQ

## EDUCATION

BS, Civil Engineering, University of Central Florida, 2006

## REGISTRATION

Professional Engineer:  
Florida, 73036, 2011

## CERTIFICATIONS

Association of State Floodplain Managers, Certified Floodplain Manager (CFM), #US-19-10965, 2019

Florida Department of Environmental Protection (FDEP), Certified Stormwater, Erosion, and Sediment Control Inspector

## AFFILIATIONS

Florida Floodplain Managers Association  
Florida Engineering Society

# RAMONE SPALDING

Drainage  
Moffatt & Nichol



Ramone Spalding is an engineering intern with experience in roadway and drainage design. Her three years of experience have involved assisting in drainage design for roadway widening, resurfacing, and reconstruction projects. Ramone is proficient in the use of MicroStation, GEOPAK Drainage, and ASAD.

## EDUCATION

BS, Civil Engineering, Florida  
International University, 2018

## AFFILIATIONS

American Society of Civil Engineers

## REPRESENTATIVE PROJECT EXPERIENCE

**\*SR 429 Widening from West Road to SR 414, CFX, Orange County, Florida.** Engineering intern assisting with the drainage design of the widening of 4.4 miles of SR 429 from just north of West Road to the SR 429/SR 414 interchange for CFX. The project will increase capacity from a four- to six- lane roadway and allow room for future expansion. Project improvements include widening to the inside with through lanes in each direction with full-depth shoulders and a median barrier wall. This project also includes widening the existing bridges over West Orange Trail, West McCormick Road, Harmon Road, and the southbound off-ramp to SR 414. The existing bridge over Ocoee Apopka Road will be replaced with a new single-span bridge. Median drainage will accommodate a future ultimate ten-lane section. Additional items of work include signing and pavement markings, ITS, and lighting.

**\*SR 528/SR 436 Interchange, Orlando, Florida.** Engineer intern assisting with drainage design and modeling for reconstruction of the SR 528/SR 436 interchange. This interchange was originally constructed in 1981 and is the northern entry to Orlando International Airport, which serves 43 million passengers annually. The project will replace three structurally deficient bridges and improve capacity through operational improvements to the northbound ramps. The existing four lanes on SR 528 will be widened to a six-lane typical section and include a westbound auxiliary lane to Conway Road and an eastbound auxiliary lane to Goldenrod Road. The proposed six-lane typical section will be expandable to eight lanes with a future widening of the inside lanes. As a subconsultant to DRMP, M&N is responsible for drainage design for the widening of SR 528.

**\*Coast to Coast Trail—Orange County Gap, Orange County, Florida.** Engineer intern assisting with development of plans for roadway and drainage design for the Orange County Gap (Section 2) of the Coast to Coast Trail in northwest Orange County—a 3.9-mile section from the Hiwassee Road/Clarcona-Ocoee Road intersection to the junction of US 441/SR 414. Project includes the design of trail geometry, ramp widening, milling and resurfacing, drainage design, minor structure design, design of special pedestrian accommodations during construction, roadway lighting impact evaluation, signal upgrades, permitting, utility coordination, public involvement, and trail signing/marketing design.

**\*Turnpike Mainline Widening, Florida's Turnpike Enterprise, Osceola County, Florida.** Engineer intern assisting with drainage design for this four- to eight-lane widening project, including express lanes for 7 miles of the Turnpike Mainline. The project involves completing a pond siting report including final design for 11 basins, four floodplain impacts, four bridge hydraulic analyses, and conveyance system. Drainage design includes a complex compensating treatment plan to meet South Florida Water Management District permitting criteria. Additional scope items include operational improvements at three interchanges, introduction of all-electronic tolling throughout the corridor, noise barrier walls, drainage, signing and pavement marking, signalization, lighting, and ITS. The project will be delivered in a 3D design compatible formation in accordance with FDOT guidelines.

*\* Indicates project similar in nature to the services requested in this RFQ*



# TORI KUBA

Environmental  
ESA



Tori Kuba's education and professional experience have provided her a solid background in ecology and environmental permitting in Florida. Specifically, she has been involved in habitat assessments, wetland monitoring, water quality inspections, listed species assessments, biological resource inventories, wetland delineation, and ecological site assessments. Additionally, Tori has been involved in the environmental permitting of several projects at the local, state, and federal level.

## REPRESENTATIVE PROJECT EXPERIENCE

**CR 452 Safety Improvements, Lake County, Florida.** Chief scientist who led environmental evaluations, including wetland delineation and species surveys, in support of DOT District 5 environmental certification of this Local Agency Program (LAP)-funded safety improvement project from SR 44 to the Lake/Marion County line. Obtained verification of Environmental Resource Permit (ERP) exemption from St. Johns River Water Management District (SJRWMD), coordinated with US Fish and Wildlife Service (USFWS) to verify no sand skink surveys required, prepared a Natural Resource Evaluation tech memo.

**SR 50 from west of CR 757 to the Sumter/Lake County Line, Florida.**

Deputy project manager for project to increase capacity and improve safety performance on this segment of SR 50. The environmental components of the project involve wetland and surface water delineations and functional assessments, listed species surveys, and ERP with the SWFWMD and Section 404 Dredge and Fill permitting with the US Army Corps of Engineers (USACE). Ms. Kuba led wetland and surface water delineations and functional assessments, habitat mapping, and listed species surveys. Target species include gopher tortoise and sandhill crane. The project will require species specific surveys for sand skinks, listed plants, and grand trees. Wildlife crossings are also being considered. Given limited mitigation options, it is anticipated the project will require an innovative approach. Finally, given that the project is expected to impact edges of Withlacoochee State Forest (WSF) the project will coordinate with the Acquisition and Restoration Council (ARC) and WSF for state lands mitigation.

**US 27 from north of Boggy Marsh Road to north of Lake Louisa Road Lake County, Florida.**

Field scientist for project involving widening of US 27 in Clermont. ESA was contracted by Ranger Construction Industries, Inc., for gopher tortoise support services. Ms. Kuba assisted in conducting surveys along US 27, obtaining the gopher tortoise conservation permit from FWC, setting up bucket traps, and excavating and relocating gopher tortoises. Excavation methods used included supervised backhoe and hand shovel. Additionally, Ms. Kuba transported the tortoises to meet with the recipient site.

**Minneola Interchange, Lake County, Florida.**

Field scientist for design project for the construction of a partial cloverleaf interchange located at MP 279 of SR 91 (Turnpike) mainline and the proposed extension of Hancock Road. Environmental tasks included wetland and surface water delineations and functional assessments, listed species surveys, and ERP with SWFWMD and Section 404 Dredge and Fill permitting with USACE. Ms. Kuba assisted with surface water delineations, habitat mapping, and listed species surveys along the corridor and proposed stormwater management facilities. Target species included the gopher tortoise, Florida scrub-jay, and sand skink. She also obtained the gopher tortoise conservation permit.

## EDUCATION

BS, Biology, University of South Florida

## CERTIFICATIONS

Florida Department of Environmental Protection (FDEP) Qualified Stormwater Management Inspector, #10513, 2005

Southwest Florida Water Management District (SWFWMD) Wetland Assessment Procedure certified, 2009 – present

Florida Fish and Wildlife Conservation Commission (FWC) Python Patrol Training

FWC Authorized Gopher Tortoise Agent, 2011– present

Mine Safety and Health Administration 2009–2012

FWC Shorebird Monitor

## AFFILIATIONS

Ecological Society of America

# DOUGLAS SKURSKI, MS, PWS

Environmental  
ESA



Douglas Skurski has more than 20 years' experience in wetland assessments; federal, state, and local permitting; protected species studies; geographic information system mapping and analyses; National Environmental Policy Act; habitat evaluation; and environmental impact mitigation. He is knowledgeable in developing effective resolutions to conflicts between natural resources and project development, and has a thorough understanding of Florida's ecology.

## REPRESENTATIVE PROJECT EXPERIENCE

**CR 452 Safety Improvements, Lake County, Florida.** Chief scientist who led environmental evaluations, including wetland delineation and species surveys, in support FDOT District 5 environmental certification of this LAP-funded safety improvement project from SR 44 to the Lake/Marion County line. Obtained verification of ERP exemption from SJRWMD, coordinated with USFWS to verify no sand skink surveys required, prepared a Natural Resource Evaluation tech memo.

**Continuing Services Consultant, LAP Design, FDOT District 5.**

Environmental project manager for continuing design services contract, performing environmental surveys and permitting for roadway rehabilitation and safety improvement projects. Pedestrian safety enhancement projects for City of Casselberry and Lake County.

**SR 50 from West of CR 757 to the Sumter/Lake County Line, FDOT District 5, Lake/Sumter Counties, Florida.**

Chief scientist for ERP with SWFWMD and State 404 Dredge and Fill Clean Water Act permitting with FDEP. ESA biologists delineated wetland and surface waters, performed functional assessments, habitat mapping and listed species surveys for gopher tortoise, sandhill crane, sand skinks, listed plants, and grand trees. Wildlife crossings were considered. Impacts to WSF required coordination with ARC and WSF for state lands mitigation.

**Districtwide Environmental Permitting Services, FDOT District 5.**

Environmental project manager who served as FDOT District 5 in-house environmental permitting staff. Acted as lead permitting reviewer for Special Projects including SunRail Phase I, Phase II Design/Build, and Phase III Project Development and Environmental, and all LAP projects. Provided review of environmental permit applications for roadway design projects, uploaded Electronic Review Comments to phase plan submittals, attended scoping meetings, conducted wetland jurisdictional determinations, performed listed species surveys, agency coordination, mitigation planning and inventories, preparation of ERP applications for in-house design projects, and other miscellaneous tasks as assigned to assure design projects met critical production schedules.

**SR 500 Widening, FDOT District Five, Lake County, Florida.** Environmental scientist for roadway widening. Conducted wetland assessments, delineations, and permits, listed species surveys and permits, mitigation planning, and coordination between state and local agencies including Outstanding Florida Waters limitation and special FDEP criteria associated with Lake Griffin. Conducted gopher tortoise and sand skink surveys for project plans update.

## EDUCATION

MS, Biology, University of Central Florida, 2006

BS, Zoology, Washington State University, 1998

## CERTIFICATIONS

Professional Wetland Scientist (PWS)  
No. 1719

FWC Authorized Gopher Tortoise Agent;  
GTA-09-0237F

Qualified Stormwater Management  
Inspector (FDEP), No. 29971

## TRAINING

Uniform Mitigation Assessment Method  
(UMAM) Technical Training, SFWMD,  
2010

Wetland Plant Identification, Institute  
for Wetland and Environmental  
Education and Research, Inc., 2006

UMAM, Field Workshop, Central  
Florida Association of Environmental  
Professionals (CFAEP), 2004

## AFFILIATIONS

CFAEP

Florida Association of Environmental  
Professionals  
Society of Wetland Scientists

# CRAIG BALLOCK, PE

Geotechnical Engineering  
GEC



Craig Ballock has 17 years of experience in geotechnical engineering in the Central Florida area. Craig has performed geotechnical engineering services for numerous infrastructure-related public works projects for Lake, Orange, Seminole and Osceola Counties. He has also worked on major transportation infrastructure projects for FDOT, Florida's Turnpike Enterprise, and CFX.

## REPRESENTATIVE PROJECT EXPERIENCE

**SR 500 Widening from Martin Luther King Boulevard to Lake Ella Road, Lake County, Florida.** Geotechnical engineer for geotechnical investigation of approximately 3.4 miles of roadway widening, including three proposed retaining walls, mast arm signal poles, and four pond locations.

**CR 455 Curve Realignment, Lake County, Florida.** Geotechnical engineer for geotechnical investigation of approximately 0.25 miles of roadway realignment, including drainage modifications and the addition of paved shoulders.

**SR 46 Widening from US 441 to Vista View Lane, Lake County, Florida.** Senior geotechnical engineer for 1.3-mile-long widening of SR 46 from two to four lanes and 1-mile-long widening of US 441 from four to six lanes along with interchange redesign. The design project included a new 470-foot-long fly-over ramp bridge, stormwater ponds, retaining walls, and sinkhole risk evaluation.

**CR 448 Improvements from CR 561 to East of the Apopka-Beauclair Canal Bridge, Lake County, Florida.** Geotechnical engineer for geotechnical investigation of approximately 3.5 miles of roadway widening, including drainage modifications and the addition of sidewalks.

**Woodlea Road from Lane Park Road to SR 19, Lake County, Florida.** Geotechnical engineer for geotechnical investigation of approximately 1.6 miles of roadway redesign from a rural to an urban section, including a sidewalk on the north side of the road.

**CR 46A Realignment (Wekiva Section 5), Lake County, Florida.** Senior geotechnical engineer for the design and construction of the 2.5-mile realignment that included four stormwater ponds, evaluation of sinkhole risk, surcharge of a deep muck pocket, and strain pole design. GEC utilized ground penetrating radar to evaluate surficial soils for the presence of sinkhole indicators along the roadway realignment.

**SR 40 Widening from CR 314 to CR 314A, Marion County, Florida.** Project manager for the design and construction of the proposed improvements, which included widening from two to four lanes, 10,600 linear feet of high fill embankment, 10 stormwater ponds, a swale system for stormwater management, 13 natural buffer sites, 70 linear feet of gravity wall, and 5 wildlife bridge crossings with mechanically stabilized earth walls.

## EDUCATION

MS, Civil Engineering, University of Central Florida, 2007

BS, Civil Engineering, University of Central Florida, 2004

## REGISTRATION

Professional Engineer:  
Florida, 71571, 2010

## AFFILIATIONS

American Society of Civil Engineering  
Member (ASCE)

Florida East Central Florida Branch ASCE  
Past President

Florida East Central Florida Branch ASCE  
Geo-Institute Chapter Former Chair

# RICHARD MCCORMICK, PG

Geotechnical Engineering  
GEC



Rich McCormick has 29 years of experience performing environmental and geological services on public infrastructure and private development projects. Rich has provided numerous Level 1 Contamination Screening Evaluation Reports (CSER) and Level 2 Contamination Impact Assessments (CIA) for major highway and rail projects in Central Florida. He has extensive experience in field sampling of soil and groundwater in accordance with FDEP standard operating procedures.

## REPRESENTATIVE PROJECT EXPERIENCE

**SR 50 from Villa City Road to Brown Street, Lake County, Florida.** Senior geologist for Level 2 CIAs for SR 50 realignment through the City of Groveland, a distance of 1.54 miles. Project included right-of-way acquisition for two new stormwater ponds in the dense commercial area.

**SR 500 (US 441) at SR 40 Intersection Improvements, Ocala, Florida.** Senior geologist for the widening design and construction that included mast arm signal poles at each corner of the intersection, two overhead cantilever signs in each direction of SR 500, and the addition of approximately 70 linear feet of stormwater pipe for drainage improvements.

**South Lake Trail, Lake and Sumter Counties, Florida.** Senior geologist for the contamination evaluation for ten alternative trail alignments. Presented findings to aid in alternative alignment selection on an 8-mile multi-use trail encompassing Groveland and Mascotte in Lake and Sumter Counties. The proposed trail extends from the existing Van Fleet Trail to Villa City Road/CR 565. The proposed trail follows the abandoned Seaboard Coastal Railroad corridor.

**Lake Wekiva Trail from SR 46 to Hojin Street, Lake County, Florida.** Senior geologist for CSER and Level 2 Contamination Evaluation for the new multi-use trail along the Seaboard Coast Line Railroad and included a shared-use pathway, utility adjustments and drainage improvements. The study area contained a railroad corridor, oil depot, concrete plant, auto repair facilities, and agricultural land among 19 sites of concern. Level 2 assessment revealed arsenic and polycyclic aromatic hydrocarbon soil impacts along the railroad corridor. Plan notes were provided to reduce worker and public exposure to potential contaminant exposure during construction activities.

**Stanton-Weirsdale Road and Drainage Improvements, Weirsdale, Marion County.** Senior geologist for the Phase I Environmental Site Assessment that included historical citrus groves and citrus packing operations within the study limits. Project scope included improvements to the internal road system, a sidewalk along SE 167<sup>th</sup> Lane to a school, and addressing existing drainage issues in the area.

## EDUCATION

BS, Environmental Sciences and Geology, Eastern Connecticut State University, 1992

## REGISTRATION

Professional Geologist  
Florida, 2096, 1999

## CERTIFICATIONS

OSHA 40-Hour Hazardous Materials  
Health and Safety Certification

OSHA 8-Hour Refresher Course –  
Annually

LPS Training 8-Hour

Florida Stormwater, Erosion &  
Sedimentation Control Certification

# WILLIAM ARATA, PSM

Survey  
KEITH



William Arata is an experienced professional surveyor and mapper specializing in surveys for roadway design and right-of-way mapping. He has almost 40 years of surveying experience and worked for FDOT for 35 years. During this time, he had direct responsibility for field surveys and creation of documents, sketches, and maps for right-of-way acquisition. He has worked on most of the state roads from Monroe to Indian River Counties. Past experience includes development of the staff hour spreadsheet and data collection standards. Possessing extensive experience with FDOT allows him to successfully manage complex projects that require the highest degree of attention to detail from beginning to end. His proactive attitude and strong customer focus facilitates the successful completion of projects for clients and stakeholders.

## REGISTRATION

Professional Surveyor and Mapper:  
Florida, 5082, 1992

## CERTIFICATIONS

Contract Manager, FDOT Leadership  
Academy

## AFFILIATIONS

Florida Atlantic University Professional  
Advisory Committee Member

## REPRESENTATIVE PROJECT EXPERIENCE

**FDOT District 4 I-95 at Stirling Road Improvements, Broward County, Florida.** KEITH is providing utility coordination services to FDOT District 4 for contract FM #439170-2-32-01. The services provided under this project includes plans, specifications, supporting engineering analysis, calculations, and other technical documents in accordance with FDOT policy, procedures and requirements. These contract documents will be used by the contractor to build the project and test the project components. These contract documents will be used by the department or its construction engineering inspection (CEI) representatives for inspection and final acceptance of the project.

**Dixie Highway & Atlantic Boulevard, Pompano Beach, Florida.** KEITH is providing surveying and subsurface utility engineering services for the Dixie Highway and Atlantic Boulevard roadway improvement projects in Pompano Beach. Subsurface utility engineering services include performing up to 100 test holes to expose utilities to minimize any potential for damage and records research. KEITH is also performing updated topographic and right-of-way surveys to show all surface features such as roadways, medians, curbing, sidewalks, driveways, surface utilities, and traffic striping. In addition, KEITH is conducting field reviews to locate new features and verify potential issues within the right-of-way lines.

**Lloyd Estates LAP Sidewalk Design, Oakland Park, Florida.** As a part of a continuing services contract for the City of Oakland, KEITH was retained to provide geospatial and civil engineering services for this state-funded LAP project. The KEITH team's design considerations for the nine streets in the Lloyd Estates neighborhood included sidewalks, Americans with Disabilities Act ramps, curb and gutter design, pavement markings and signage, handrails, and detectable warning surfaces.

**SR A1A Improvements Pompano Beach, Pompano Beach, Florida.** This project consists of streetscape improvements along SR A1A from Sunset Lane to the Hillsboro Inlet. The improvements included the addition of landscaped medians, widened sidewalks where right-of-way was available, street lighting, and landscape improvements. These services consisted of survey, subsurface utility engineering, civil engineering, traffic engineering, transportation engineering, landscape design, and construction engineering inspection for the proposed improvements. During early project coordination, it was determined that FDOT had an overlapping resurfacing project with the City of Pompano Beach's planned project. KEITH was able to coordinate the transfer of FDOT funds to the City of Pompano Beach to increase the construction budget on the City's project.



# EUGENE KHASHPER

Utility Coordination  
KEITH



Eugene Khashper has more than 18 years of experience in the areas of plans review and utility coordination for both design-build and traditional design-bid-build projects. He has worked predominantly with FDOT Districts 4 and 6. He has extensive experience in permitting through governmental agencies such as water and sewer departments, SFWMD, and FDEP. Most recently, Eugene worked for FDOT District 4's Utilities office as a Utility Project Manager III and District Utilities Administrator. He was responsible for managing the utilities office which also administered district value engineering and cost savings initiative programs. During Eugene's service at District 4, he was involved in the design for most of the projects within the Department. He has experience in construction methods and design principles, as well as vast knowledge of FDOT standards, procedures, and manuals (such as Utility Accommodation Manual, Utility Procedures Manual, and Construction Project Administration Manual), is well familiar with Florida statutes that govern utility agencies and FDOT's process for determining compensable rights. He continues to foster great relationships with various designers and utility agency representatives.

## EDUCATION

BS, Electrical Engineering, Gorkly  
College of Electronics, 1991

## AFFILIATIONS

Florida Utility Coordination Committee

## REPRESENTATIVE PROJECT EXPERIENCE

**Washington Street & 72<sup>nd</sup> Avenue Mobility Improvements, Hollywood, Florida.** KEITH was selected by FDOT for this design project that added add bicycle lanes and pedestrian improvements to each corridor. The KEITH team provided roadway, drainage, signing and pavement marking, landscaping, survey, subsurface utility engineering, utility coordination, geotech, and public involvement services to the Department for the project. This was a Broward County Metropolitan Planning Organization-funded project, and FDOT District 4 is the client and project facilitator. The team's extensive experience coordinating with multiple agencies and stakeholders were key factors in the successful completion of this project.

**SR A1A Improvements Pompano Beach, Pompano Beach, Florida.** This project consists of streetscape improvements along SR A1A from Sunset Lane to the Hillsboro Inlet. Improvements include the addition of landscaped medians, widened sidewalks where right-of-way is available, street lighting, and landscape improvements. These services consist of survey, subsurface utility engineering, civil engineering, traffic engineering, transportation engineering, landscape design, and construction engineering inspection for the proposed improvements. During early project coordination, it was determined that FDOT had an overlapping resurfacing project with the City of Pompano Beach's planned project. KEITH was able to coordinate the transfer of FDOT funds to the City of Pompano Beach to increase the construction budget on the City's project.

**SR-9/I-95 at Gateway Boulevard, Delray, Florida.** As a subconsultant to HNTB, KEITH provided survey and mapping, subsurface utility engineering, and utility coordination services for improvements (milling, resurfacing, and widening) to the I-95 Interchange at Gateway Boulevard and on Gateway Boulevard to accommodate project traffic levels in the year 2040. KEITH's surveying tasks included re-establishing vertical and horizontal controls, recovering existing primary control and set secondary control as needed, and verifying existing vertical control (BLC4, BLC5, BLC6) and elevate and secondary control points as needed; topographic/digital terrain model (DTM) (three-dimensional) survey; pond site survey, survey around 13 houses on NW 2<sup>nd</sup> Street for the proposed pond site; right-of-way mapping, locate property corners to calculate the existing right-of-way for NW 2<sup>nd</sup> Street, search map, coordination and quality control; merge I-95 roadway DTM into provided survey and convert Geopak tin into Bentley Survey Surface; survey for geotechnical soil boring locations; and underground utility designating and locating.

# MARK MITCHELL

Subsurface Utility Engineering  
KEITH



As a Director of Subsurface Utility Engineering for KEITH's Utilities Division, Mark Mitchell is responsible for scheduling and supervising field crews, conducting utility field meetings, utility records research, conflict analysis, and determining if additional utility investigation is needed for assigned projects in South Florida. He completed projects from beginning phases to final delivery including preparing and submitting fee proposals, coordinating with clients, setting up projects for field crews and conducting field visits when trouble shooting is required; downloading and processing collected data; performing quality control, and finalizing for delivery while keeping clients informed on a daily basis. His experience also includes creating DTM's topos, Tin models, project network controls, and test hole summary spreadsheets. Mark provides a liaison between designers, utility agencies and owners on behalf of clients to provide utility coordination services. He provides documentation, inter-coordination, and maintenance of files of all activities for each utility agency.

## REPRESENTATIVE PROJECT EXPERIENCE

**Broward County Traffic, Roadway, and Civil Engineering, Fort Lauderdale, Florida.** As a subconsultant to Metric Engineering, the KEITH team provided geospatial engineering, civil engineering, landscape architecture, and construction administration services for various Broward County traffic and roadway projects. Projects included Pine Island Road to Southgate Boulevard, CEI services for Oakland Park Boulevard, design services for SE 2<sup>nd</sup> Avenue Crosswalk Improvements, Lauderhill Mall Transit Signalization, Wiles Road at Coral Springs Drive Improvements, Sistrunk Boulevard Pedestrian Lighting, CEI services for Martin Luther King Boulevard and Blount Road, Davie Road Extension and CEI services for Taft Street and Park Road, among many others.

**Washington Street & 72<sup>nd</sup> Avenue Mobility Improvements, Hollywood, Florida.** KEITH was selected by FDOT for this design project that added bicycle lanes and pedestrian improvements to each corridor. The KEITH team provided roadway, drainage, signing and pavement marking, landscaping, survey, subsurface utility engineering, utility coordination, geotech, and public involvement services to the Department for the project. This is a Broward County Metropolitan Planning Organization-funded project, and FDOT District 4 is the client and project facilitator. The team's extensive experience coordinating with multiple agencies and stakeholders were key factors in the successful completion of this project.

**Martin Luther King Boulevard Streetscape Improvements Phase I & II, Pompano Beach, Florida.** The Pompano Beach Northwest Community Redevelopment Agency (CRA) wanted to enhance the area along Martin Luther King Boulevard between I-95 and Dixie Highway. This area was part of the CRA's overall master plan known as the "Downtown Pompano Connectivity Plan." The proposed improvements included multimodal (pedestrian/ bicycle/transit) friendly streetscape with landscape/hardscape beautification features along Martin Luther King Boulevard including special pavement materials; new pedestrian-level and roadway decorative lighting; streetscape furnishings; utility adjustments; and overall drainage, utility, and roadway improvements. KEITH was responsible for the overall team management, engineering, permitting, planning, surveying, public consensus, and construction management. After the design was complete, the CRA split the project into two construction phases due to budgeting restraints. Phase 1 consisted of Dixie Highway to NW 6<sup>th</sup> Avenue, and Phase 2 would be I-95 to NW 6<sup>th</sup> Avenue. During Phase 1, KEITH assisted the Pompano Beach Northwest CRA and the City of Pompano Beach with construction management of their contractor throughout the 18-month schedule. KEITH oversaw daily construction operation and ensured the contractor followed plans and performed quality workmanship.

## SUBCONSULTANTS



**Environmental Science Associates (ESA)** is a California-based environmental consulting and planning firm committed to the principles of sustainability. They bring more than 50 years of experience in all aspects of project planning, environmental assessment, natural resource management, and regulatory compliance. In Florida, ESA has 30 years of experience in the transportation industry and has expertise in aviation, transit, rail, port, and all facets of surface transportation. They serve FDOT statewide along with many airports, ports, counties, and municipalities. Their experience includes many planning documents, and project development and environment studies along with environmental support for design, design-build, construction, and maintenance projects. For design projects, they routinely lead permitting efforts including environmental resource permit, Section 404, sovereign submerged lands coordination and US Coast Guard bridge permits, along with wildlife agency coordination (US Fish and Wildlife Service, National Marine Fisheries Service, and Florida Fish and Wildlife Conservation Commission). In the construction arena, they have supported projects in the areas of wetlands, protected species, water quality, permit compliance, and landscape inspection; they have also supported storm-related emergency contracts.



**Keith and Associates, Inc. (KEITH)** was incorporated as a Florida corporation in 1998. As a mid-size, close-knit firm of over 180 professionals, they provide surveying and mapping, subsurface utility engineering, planning, civil engineering, traffic engineering, landscape architecture, construction management, and virtual design and construction services. The firm was founded on the principle of achieving success by combining the latest technology with client-oriented business practices and a staff of experienced and talented professionals.

The team at KEITH combines the technical experience of a diverse pool of professionals possessing an encyclopedic working knowledge of local and regional projects, emphasizing municipal land development and re-purposing activities. This synergy results in the development of important relationships with key agencies. This tremendous database of knowledge, information, and skill is an invaluable asset for clients.

KEITH understands the importance of community involvement and the necessity of working with local, state, and federal agencies in a hands-on, cooperative manner to build consensus and receive subsequent approval of highly sensitive projects. This approach represents an underlying philosophy of the firm that results in a quality product, with emphasis on scheduling and cost effectiveness through team-oriented management and quality control.



With offices in Orlando and Kissimmee, **Geotechnical and Environmental Consultants, Inc. (GEC)**

has provided geotechnical engineering support throughout Central Florida for over 30 years, covering complex highway projects such as project development and environment studies, design, and design/build. GEC's core services include geotechnical engineering for highway and bridge design, contamination screening and assessment, and construction phase services, including pile driving inspection and materials testing and inspection. Their depth of experience and large technical staff ensure streamlined development of the geotechnical scope of services, field investigation, and laboratory testing and reporting. GEC's technical staff is thoroughly familiar with FDOT requirements, procedures, and expectations for consultant performance. The firm qualifies as a small business enterprise (SBE) for credit toward the FDOT SBE goal.

**GEC has provided geotechnical engineering and construction materials testing on numerous Lake County projects, including:**

- Schofield Road Extension
- CR 455 Curve Realignment
- City of Eustis Lakeshore Drive Improvements
- SR 500 widening from Martin Luther King Boulevard to Lake Ella Road
- SR 46 (Wekiva Parkway Section 3B) from West of US 441 to Vista View Lane
- South Lake Trail from Van Fleet Drive to Villa City Road

# TAB C

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name &amp; Location</u> <b>Coast to Coast Trail – Orange County Gap Segment 2 Orange County, Florida</b>		<u>Project Owners Name &amp; Address</u> <b>Florida Department of Transportation (FDOT) District 5 719 South Woodland Boulevard DeLand, FL 32720</b>
<u>Project Manager:</u> <b>Rebecca Davis, PE</b>		
<u>Completion Date (Actual or Estimated)</u> <b>September 2020 (plans completed)</b>		
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, &amp; Telephone Number</u>
Entire Project  <b>\$1.45M</b>	Work for which firm was/is responsible  <b>\$588</b>	<b>Anthony Miller, PE</b> Project Manager Anthony.Miller@dot.state.fl.us 386.943.5530
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u>  The purpose of this project is to construct a multi-use trail facility that will connect the Clarcona-Ocoee Connector Trail to the west and the Seminole Wekiva Trail to the east. This is a 3.9-mile section in northwest Orange County that begins along Clarcona-Ocoee Road at the intersection with Hiwassee Road and ends at the junction of US 441 and SR 414. The alignment of the trail runs along the north side of Clarcona-Ocoee Road, then turns north along the west side of Pine Hills Road, continuing east on the north side of Beggs Road, and finally turning north at the intersection of Beggs Road/US 441.  The project will include the design of trail geometry, Americans with Disabilities Act (ADA) improvements, ramp widening, milling and resurfacing, drainage design, minor structure design, design of special pedestrian accommodations during construction, roadway lighting impact evaluation, signal upgrades to mast arms at three intersections, permitting, utility coordination, public involvement, and trail signing/marketing design. Improvements to SR 414 on-ramps (on the northbound side of US 441) will be included. The existing free-flow right turns will be eliminated and replaced with signalized right turns to improve pedestrian and bicycle safety at the trail crossings.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u>  Moffatt & Nichol (M&N) provided project management, roadway, pavement, temporary traffic control, and drainage design services along with support for public involvement activities. Currently, construction of the project is not scheduled until 2025. M&N will provide plans update design services prior to construction.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u>  Adam Crouch, PE – Drainage Engineer Rebecca Davis, PE – Roadway Engineer Jamie Doerr, PE – Project Engineer Darrell Nance, PE – Principal-in-Charge Ramone Spalding – Engineer Intern William Terwilleger, PE – Quality Assurance/Quality Control		



ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name &amp; Location</u> <b>Jamestown Boulevard Intersection Improvements</b> <b>Altamonte Springs, Florida</b>  <u>Project Manager:</u> <b>Adam Crouch, PE</b>		<u>Project Owners Name &amp; Address</u> <b>City of Altamonte Springs</b> 950 Calabria Drive Altamonte Springs, FL 32714	
<u>Completion Date (Actual or Estimated)</u> <b>March 2021</b>			
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, &amp; Telephone Number</u>	
Entire Project  <b>\$48 (Design)</b> <b>\$120 (Construction)</b>	Work for which firm was/is responsible  <b>\$48 (Design)</b>	<b>Brett Blackadar, PE</b> Division Director of Engineering/City Engineer Bblackadar@altamonte.org 407.571.8338	
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u>  This project was a task from a miscellaneous design contract to study and ultimately design intersection improvements at Jamestown Boulevard and Montgomery Road. This task began with an alternatives study phase that included review of historical plans and permit documents and finished with delivery of signed and sealed construction drawings, avoiding the need for any right-of-way. The design included adding a right-turn lane to Jamestown Boulevard, drainage structure modifications to accommodate curb realignment, sidewalk reconstruction, ADA improvements, and signing and marking design. Additional services included design and utility survey, utility coordination, subsurface utility engineering, and permit preparation.			
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u>  M&N was the prime consultant and engineer-of-record for this turn lane addition responsible for scope development, subconsultant management, roadway and drainage design, signing and marking, utility coordination, and preparing construction cost estimates.			
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u>  James Blackford, PE – Roadway Engineer Adam Crouch, PE – Project Manager Rebecca Davis, PE – Quality Assurance/Quality Control Darrell Nance, PE – Principal-in-Charge			

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name &amp; Location</u> <b>SR 40 Resurfacing</b> <b>Volusia County, Florida</b>  <u>Project Manager:</u> <b>Rebecca Davis, PE</b>		<u>Project Owners Name &amp; Address</u> <b>FDOT District 5</b> 719 South Woodland Boulevard DeLand, FL 32720	
<u>Completion Date (Actual or Estimated)</u> <b>June 10, 2021 (Plans to be Completed)</b>			
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, &amp; Telephone Number</u>	
Entire Project  <b>\$858</b>	Work for which firm was/is responsible  <b>\$377</b>	<b>Marcus Lisicki, PE</b> Project Manager Marcus.Lisicki@dot.state.fl.us 386.943.5542	
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u>  This project is 6.3 miles of resurfacing on SR 40, a rural arterial in Volusia County, Florida. The purpose of this project is to rehabilitate the asphalt pavement to extend the service life of the existing roadway, including necessary roadside improvements. The project included milling and resurfacing of the travel lanes, turn lanes and shoulders, cross-slope correction, addition of driveway aprons, minor drainage improvements, ADA upgrades, signalization improvements, audible and vibratory pavement markings, and upgrades to pedestrian lighting at signalized intersections. This project is funded and scheduled to begin construction in Fall 2021.			
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u>  M&N provided project management, roadway, pavement, temporary traffic control, and drainage design services along with structural analysis for existing signals. During construction, M&N will provide post-design services, including shop drawing reviews and requests for information.			
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u>  James Blackford, PE – Assistant Project Manager/Roadway Engineer Adam Crouch, PE – Drainage Engineer Rebecca Davis, PE – Project Manager Jamie Doerr, PE – Project Engineer Darrell Nance, PE – Principal-in-Charge Constanza Suarez, PE – Project Engineer			

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name &amp; Location</u> <b>SR 514 Widening from Weber Road to Corey Road                  Malabar, Florida</b> <u>Project Manager:</u> <b>Adam Crouch, PE</b>		<u>Project Owners Name &amp; Address</u> <b>FDOT District 5</b> 719 South Woodland Boulevard DeLand, FL 32720
<u>Completion Date (Actual or Estimated)</u> <b>February 4, 2020</b>		
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, &amp; Telephone Number</u>
Entire Project  <b>\$804</b>	Work for which firm was/is responsible  <b>\$378</b>	<b>Megan Owens</b> Project Manager Megan.Owens@dot.state.fl.us 386.943.5140
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> The project added turn lanes at two intersections on the rural two-lane roadway. The project began with an alignment study to determine the best location for widening construction. The study weighed right-of-way, utility, drainage, permitting, and constructability factors. Results showed widening to only the south side of the roadway were the most cost-effective, maximizing construction dollars. Specific project elements included right-of-way acquisition, detailed pavement design to avoid a high-water table, guardrail offset variation, open and closed drainage design, eminent domain expert witness support, and utility coordination. Additionally, this project involved coordination with the Town of Malabar for land designated as part of a trust and coordination to include storm sewer pipes for future Town of Malabar drainage improvements. The intersection improvements will provide much needed safety upgrades for the traveling public and will serve as an interim solution until the ultimate widening project is developed. This project is currently under construction with a completion date of June 2021.		
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> M&N provided preliminary concept alignments, roadway, signing, marking, drainage, and temporary traffic control design for two separate intersections along SR 514 in Malabar, Florida. M&N has also been retained to provide post-design services, including response to bid questions, shop drawing reviews, and requests for information.		
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> James Blackford, PE – Quality Control Reviewer Adam Crouch, PE – Project Manager/Drainage Engineer Rebecca Davis – Roadway/Signing & Pavement Markings Engineer Jamie Doerr, PE – Project Engineer Darrell Nance, PE – Principal-in-Charge		

ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<u>Project Name &amp; Location</u> <b>SR 520 Resurfacing</b> <b>Orange County, Florida</b>		<u>Project Owners Name &amp; Address</u> <b>FDOT District 5</b> 719 South Woodland Boulevard DeLand, FL 32720	
<u>Project Manager:</u> <b>Rebecca Davis, PE</b>			
<u>Completion Date (Actual or Estimated):</u> <b>May 7, 2021 (Design Completed)</b>			
<u>Estimated Cost (In Thousands)</u>		<u>Project Owner's Contact Person, Title, Email, &amp; Telephone Number</u>	
Entire Project  <b>\$356 (Design)</b>	Work for which firm was/is responsible  <b>\$194</b>	<b>Marcus Lisicki, PE</b> Project Manager Marcus.Lisicki@dot.state.fl.us 386.943.5542	
<u>Scope of Entire Project (Please give quantitative indications wherever possible)</u> <p>This project is 2.8 miles of resurfacing on SR 520, a rural principal arterial in Brevard County, Florida. The purpose of this project is to rehabilitate the asphalt pavement to extend the service life of the existing roadway, including necessary roadside improvements. The project included milling and resurfacing of the travel lanes, turn lanes and shoulders, modification of guardrail to meet criteria, the addition of driveway aprons, and signing and pavement markings. Additionally, a concept for improving the ride quality of the bridge over the St. Johns River was developed and included in the plans. This included partial removal of the existing approach slab and replacing at a higher grade and overbuilding the roadway to match the new profile. This project is funded and scheduled to begin construction in late summer 2021.</p>			
<u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u> <p>M&amp;N provided project management, public engagement, roadway, temporary traffic control, and drainage design services. During construction, M&amp;N will provide post-design services, including shop drawing reviews and requests for information.</p>			
<u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u> James Blackford, PE – Project Engineer Adam Crouch, PE – Drainage Engineer Rebecca Davis, PE – Project Manager Jamie Doerr, PE – Roadway Engineer Darrell Nance, PE – Principal-in-Charge			

# TAB D



# TRUTH IN NEGOTIATION CERTIFICATION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**TRUTH IN NEGOTIATION CERTIFICATION**


375-030-30  
PROCUREMENT  
05/14

Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the Department of Transportation (Department) requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal, or as prescribed in the contract advertisement.

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Department determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Department, whichever is later.

Moffatt & Nichol  
Name of Consultant

By:   
Darrell Nance, PE, Vice President

5/17/2021  
Date





# DRUG FREE WORKPLACE PROGRAM CERTIFICATION

## DRUG-FREE WORKPLACE PROGRAM CERTIFICATION

In order to have a drug- free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any 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 any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

**Does the individual responding to this solicitation certify that their firm has implemented a drug-free workplace program?**

YES

NO

NAME OF BUSINESS: Moffatt & Nichol



Darrell Nance, PE, Vice President

# CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION-LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,  
INELIGIBILITY AND VOLUNTARY EXCLUSION-  
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS**  
(Compliance with 2 CFR Parts 180 and 1200)

375-030-32  
PROCUREMENT  
11/15

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: Moffatt & Nichol

By:  Darrell Nance, PE, Vice President

Date: 5/17/2021

Title: Vice President

## Instructions for Certification

### Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.



# CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES ON FEDERAL-AID CONTRACTS FORM

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES  
ON FEDERAL-AID CONTRACTS**  
**(Compliance with 49CFR, Section 20.100 (b))**

375-030-33  
PROCUREMENT  
10/01

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant: Moffatt & Nichol

By: Darrell Nance, PE Date: 5/17/2021

Authorized Signature: 

Title: Vice President

# DISCLOSURE OF LOBBYING ACTIVITIES

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**DISCLOSURE OF LOBBYING ACTIVITIES**

375-030-34  
 PROCUREMENT  
 02/16

Is this form applicable to your firm?

YES  NO

If *no*, then please complete section 4 below for "Prime"

<b>1. Type of Federal Action:</b> a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<b>2. Status of Federal Action:</b> a. bid/offer/application b. initial award c. post-award	<b>3. Report Type:</b> a. initial filing b. material change <b>For Material Change Only:</b> Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
<b>4. Name and Address of Reporting Entity:</b> <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: Moffatt & Nichol 1025 Greenwood Boulevard, Suite 371 Lake Mary, FL 32746  Congressional District, if known: 4c _____		<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b> _____ _____  Congressional District, if known: _____
<b>6. Federal Department/Agency:</b> _____ _____	<b>7. Federal Program Name/Description:</b> _____ _____  CFDA Number, if applicable: _____	
<b>8. Federal Action Number, if known:</b> _____	<b>9. Award Amount, if known:</b> \$ _____	
<b>10. a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI): _____ _____ _____	<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI): _____ _____ _____	
<b>11.</b> Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: <u>    <i>Darrell Nance</i>    </u> Print Name: <u>    Darrell Nance, PE    </u> Title: <u>    Vice President    </u> Telephone No.: <u>    321.249.1216    </u> Date (mm/dd/yyyy): <u>    5/17/2021    </u>	
<b>Federal Use Only:</b>		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

# PUBLIC ENTITY CRIMES FORM

## ATTACHMENT 10

### PUBLIC ENTITY CRIMES FORM

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Lake County, Florida  
(print name of public entity)

By Darrell Nance, PE, Vice President  
(print individual's name and title)

for Moffatt & Nichol  
(print name of entity submitting sworn statement)

whose business address is 1025 Greenwood Boulevard, Suite 371, Lake Mary, FL 32746

and (if applicable) its Federal Employer Identification Number (FEIN) is 95-1951343

(if the entity has not FEIN, include the Social Security Number of the individual signing this sworn statement: \_\_\_\_\_.)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and Involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

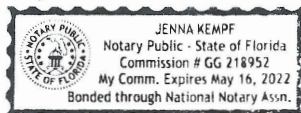
Darrell Nance  
[signature]

Sworn to and subscribed before me this 17<sup>th</sup> day of May, 20 21.

Personally known X

Or Produced identification \_\_\_\_\_ Notary Public – State of Florida

Notary Public - State of Florida My commission expires May 16, 2022  
(Type of Identification)



Jenna Kempf  
(Printed, typed or stamped  
commission name of notary public)

# PROFESSIONAL SERVICES COMMITMENT FORM

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**PROFESSIONAL SERVICES COMMITMENT FORM**

375-030-83  
 PROCUREMENT  
 02/20

Submit this form as required in the Request for Proposal or alternatively, at the time of Expanded Letter of Response is due:

<b>Contract/Advertisement No.:</b>	21-0525	<b>Prime Consultant:</b>	Moffatt & Nichol
<b>Project Description:</b>	Professional Engineering and Design Services for Villa City Road Safety Design		

Expected percentage of contract fees to be utilized by DBE(s): 2 %. (Combine DBE Prime and DBE subconsultants, if applicable).

Expected percentage of contract fees to be utilized by Non-DBE Small Businesses 10 %. (Combine Non-DBE Small Business Prime and Non-DBE Small Business subconsultants, if applicable).

The proposed Prime and subconsultants/subvendors' work is as follows:

Prime	Type of Work (List each type of work separately, only one type of work per line)	% of overall contract amount	DBE	Small Business	Non DBE/ Non Small Business
Moffatt & Nichol	3.1	55	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	7.1	10			
	Choose an item.				
	Choose an item.				
	Choose an item.				
	Choose an item.				

Subconsultant/Subvendor	Type of Work (List each type of work separately, only one type of work per line)	% of overall contract amount	DBE	Small Business	Non DBE/ Non Small Business
ESA	Non-Professional Service Firm	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
GEC	9.1	12	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GEC	9.2		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GEC	9.3		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
KEITH	8.1	20	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
KEITH	8.2		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
KEITH	8.3		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
KEITH	8.4		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Choose an item.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





# PROOF OF INSURANCE



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/24/2020

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).

<b>PRODUCER</b> Dealey, Renton & Associates License #0020739 600 Anton Boulevard, Suite 100 Costa Mesa CA 92626	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): 714-427-6810      FAX (A/C, No): 714-427-6818 E-MAIL ADDRESS: certificates@dealeyrenton.com	
	INSURER(S) AFFORDING COVERAGE      NAIC #	
<b>INSURED</b> Moffatt & Nichol 4225 E. Conant Long Beach CA 90808	INSURER A : Continental Insurance Company      35289	
	INSURER B : Ace American Insurance Company	
	INSURER C : National Union Fire Insurance Co PA      19445	
	INSURER D : Transportation Insurance Company      20494	
	INSURER E : American Guarantee and Liability Insurance Co      26247	
	INSURER F :	

**COVERAGES**      **CERTIFICATE NUMBER:** 579872046      **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, 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 <input checked="" type="checkbox"/> Ded /SIR \$0 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	6056712992	11/22/2020	11/22/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Project / Loc Agg \$ 15M
D	<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	Y	Y	6056712989	11/22/2020	11/22/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Comp / Coll Ded \$ 1,000
A E	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$			6079627982 AEC576168007	11/22/2020 11/22/2020	11/22/2021 11/22/2021	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 Deductible / SIR \$ 10,000
C C	<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/A	WC19397907 WC19397906	11/22/2020 11/22/2020	11/22/2021 11/22/2021	<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
B	Professional Liability Claims Made			G25660225007	11/22/2020	11/22/2021	per claim annl aggr. \$1,000,000 \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Worker's Compensation extends to include Jones Act and USL&H  
 Umbrella policy is a follow-form to underlying General Liability/Auto Liability/Employers Liability  
 Pollution Legal Liability is included on the Professional Liability Coverage  
 \*\*Excess Liability Limit: \$15,000,000. Deductible: \$0.

<b>CERTIFICATE HOLDER</b>  Proof of Coverage	<b>CANCELLATION</b> 30 Day Notice of 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 
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ACORD 25 (2016/03)

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## EXCEPTIONS

Moffatt & Nichol respectfully requests consideration of the following proposed revisions to the Lake County agreement for Professional Engineering and Design Services for Villa City Road Safety Design.

5.8 Indemnity. To the extent provided by law, CONSULTANT shall indemnify, defend, and hold harmless the COUNTY and the State of Florida, Department of Transportation (“FDOT”), including the FDOT’s officers, agents, and employees, against any actions, claims, or damages arising out of, relating to, or resulting from negligent or wrongful act(s) of CONSULTANT, or any of its officers, agents, or employees, acting within the scope of their office or employment, in connection with the rights granted to or exercised by CONSULTANT hereunder, to the extent and within the limitations of Section ~~768.28-725.08~~, Florida Statutes.

The foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Florida Statutes, Section ~~768.28-725.08~~. Nor shall the same be construed to constitute agreement by CONSULTANT to indemnify COUNTY for the negligent acts or omissions of COUNTY, its officers, agents, or employees. Nor shall the same be construed to constitute agreement by CONSULTANT to indemnify FDOT for the negligent acts or omissions of FDOT, its officers, agents, or employees, or third parties. This indemnification shall survive the termination of this Agreement.

5.13 Accuracy and Warranty. CONSULTANT is responsible for the professional quality, technical accuracy, timely completion and coordination of all the services furnished under this Agreement. CONSULTANT shall, without additional compensation, correct or revise any errors, omissions or other deficiencies in its designs, drawings, reports or other services. Any corrections must be made within thirty (30) calendar days after such deficiencies or non-conformances are verbally reported by COUNTY. CONSULTANT agrees that the products and services provided under this Agreement will be ~~covered by the most favorable commercial warranty that CONSULTANT gives to any customer for comparable products and services.~~ performed in compliance with the customary standard of care practiced at the same time and in the same or similar locality by those in Consultant’s same profession ~~covered by the most favorable commercial warranty that CONSU&LTANT gives to any customer for comparable products and services.~~



moffatt & nichol

[moffattnichol.com](http://moffattnichol.com)

**Contact:**  
Bill Terwillegger, PE  
Moffatt & Nichol  
1025 Greenwood Blvd., Suite 371, Lake Mary, FL 32746  
Tel: 407.562.2030  
Email: [bterwillegger@moffattnichol.com](mailto:bterwillegger@moffattnichol.com)

