

# STATEMENT OF QUALIFICATIONS

Produced for Lake County, Florida

September 21, 2021



moffatt & nichol

# ON-CALL, TRANSPORTATION & TRAFFIC ENGINEERING SERVICES

RSQ# 21-0940



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SECTION 1

# VENDOR PROFILE





1025 Greenwood Boulevard, Suite 371  
Lake Mary, FL 32746

Tel: 407.562.2030 Fax: 407.562.2031  
[moffattnichol.com](http://moffattnichol.com)

September 21, 2021

Mr. Bill Ponko, CPPB  
Contracting Officer  
Lake County  
315 West Main Street, Suite 441  
Tavares, FL 32778

## RE: Statement of Interest and Understanding of the Project

Dear Mr. Ponko:

We are excited for the opportunity to demonstrate how Moffatt & Nichol (M&N) can serve Lake County for this contract as well as into the future. The M&N team has been built to provide any or all of the services listed within the scope of services and to do so with excellence. Each team member has a history of successfully performing engineering services on a multitude of projects.

## STATEMENT OF INTEREST

Project manager and lead traffic engineer **Kevin Abel, PE**, is a resident of Lake County, giving him a vested interest in making sure this contract is a complete success. Kevin's principal goal is to support the County's engineering staff in carrying out the objectives of this contract. He is committed to providing coordination at a level that makes the County's project manager comfortable. Kevin and the M&N staff have significant experience in traffic engineering design and completing traffic studies.

The M&N team includes **Faller Davis & Associates, Inc.**, a disadvantaged business enterprise firm with whom we have partnered successfully on numerous occasions and who boasts an impressive history of completing traffic designs and studies. Engineering and planning firm **EXP** will aid with planning scope items, as needed. Support for ancillary services will be provided by **Colliers Engineering and Design, Inc.** (subsurface utility engineering, utility coordination), **Geotechnical and Environmental Consultants, Inc.** (geotechnical engineering), and **National Data and Surveying Services** (data collection).

Through conversations with Jeff Earhart, George Gadiel, and Jim Globig we have gained a firm understanding of what the County needs with regard to this contract, and we look forward to serving the County in this capacity!

## PROJECT UNDERSTANDING

With a population nearing 400,000, Lake County needs a thorough, logical, and diverse transportation network that helps connect its citizens to the places they want to go. The County addresses this need through a combination of transit options and roadway infrastructure that includes hundreds of miles of roadways within the nearly 1,200 square miles contained in its borders. The County is always seeking to better its network where it can and needs a solid consultant partner to aid in designing improvements and helping determine where improvements will have a positive impact. That partner should have the right balance of experience, availability, and a vested interest in the community. That partner is the M&N team!

Through our meetings with County staff, we understand that work included in this contract will primarily consist of traffic signal design, traffic studies in response to observed safety issues or citizen requests, and occasional lighting design. The scope of services also includes a number of possible planning studies. We understand that traffic volume data collection is part of this contract, with annual counts needed on more than 200 roads throughout the County. This count data will be used to update the GIS and count booklet. The M&N team has the experience and ability to complete any task within the scope of services.

We thank you for the opportunity to submit this statement of qualifications and look forward to the opportunity to further discuss how Moffatt & Nichol can serve you.

Sincerely,

A handwritten signature in blue ink that reads "Darrell Nance". The signature is fluid and cursive, with a long horizontal stroke at the end.

Darrell Nance, PE  
Vice President/Principal-in-Charge

## FIRM PROFILE/FIRM HISTORY

Moffatt & Nichol (M&N) is a privately held California corporation founded in 1945. M&N's corporate office is in Long Beach, California, with 44 additional offices located in the US and abroad. The firm has a presence throughout Florida with offices in Orlando, Tampa, Miami, Fort Lauderdale, Pensacola, Chipley, and Tallahassee. Services for this project will be led from M&N's Orlando office. Our firm of more than 850 employees provides quality engineering solutions in three main practice areas—Transportation, Water, and Ports.

M&N is regionally and nationally recognized for providing quality engineering design solutions for roadway and transportation infrastructure for more than 75 years. In 2021, we were recognized by respected industry publication *Engineering News-Record* as #79 in the Pure Design category and #99 in the Top 500 Design Firms.

We have worked directly for municipalities throughout Florida, various Florida Department of Transportation (FDOT) districts, and regional transportation agencies. M&N has previous experience performing design and engineering services for numerous roadway safety and improvement projects that resulted in improved access and connectivity to and for the communities they traverse.

We are currently providing on-call, as needed transportation-related services for the City of Altamonte Springs, Seminole County, and FDOT District 5. In addition, we serve as general engineering consultants for FDOT District 3.

An overview of each of our subconsultant team partners is provided below:



**Colliers Engineering & Design, Inc. (Colliers)** will provide subsurface utility engineering services. Colliers is a trusted provider of multidiscipline engineering, design, and consulting services delivering customized solutions to public and private clients. Established in 1984 as Maser Consulting, Colliers maintains the same dedicated leadership, systems, and services to clients. Today, the firm employs more than 1,000 professionals nationwide. Over its history, the company has consistently been recognized nationally by *Engineering News-Record* as a Top 500 Design Firm and has been ranked on The Zweig Group Hot Firm List of fastest growing companies.



**EXP** will provide transportation planning services. With a mission to understand, innovate, partner, and deliver, EXP provides engineering, architecture, design, and consulting services to the world's built and natural environments in six key practice areas: Buildings, Earth & Environment, Energy, Industrial, Infrastructure, and Sustainability. Their heritage dates well over 100 years ago to 1906, and today EXP is a full-service architectural and engineering firm with more than 3,500 professionals across North

America. This includes more than 250 professionals across seven offices in Florida. EXP is innovative and flexible in their approach to designing local, state, and interstate roadways. They take pride in developing creative solutions for unique and challenging roadway projects, while exceeding operational and safety requirements set forth by governmental agencies. From milling and resurfacing to heavy construction, they effectively address the entire roadway design life cycle.



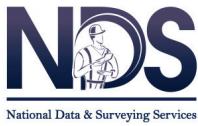
**Faller, Davis & Associates, Inc. (FDA)** will provide signal design, traffic studies, intelligent transportation systems, and roadway design services. FDA is a consulting civil engineering firm providing transportation design and operations, planning, and environmental services primarily to public sector clients throughout Florida. They are committed to maintaining strong relationships with clients by being responsive to client needs and providing progressive, quality products. They maintain a strong reputation by providing their highly competent and ethical staff with an enriching work environment that encourages teamwork and excellence. FDA employs more than 45 highly skilled professionals including engineers, scientists, inspectors and technicians. FDA offers a full range of design, environmental, and operations services that includes designing complex highways, conducting wildlife surveys, and retiming congested urban corridors.



**Geotechnical and Environmental Consultants, Inc. (GEC)** will provide any necessary geotechnical engineering services. With offices in Orlando and Kissimmee, GEC has provided geotechnical engineering support throughout Central Florida for more than 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. GEC's depth of experience and large technical staff allows streamlined development of the geotechnical scope of services, field investigation, and laboratory testing and reporting.

2021  
**ENR**  
TOP 500

#79 PURE DESIGNERS  
#99 TOP 500 DESIGN FIRMS



**National Data & Surveying Services (NDS)** will provide data collection services. Founded in 1989, NDS was established to deliver accurate and cost-effective solutions to clients for traffic, transit, and GIS/GPS data collection. NDS is entering its 30<sup>th</sup> year of successful corporate operations that have established them as one of the foremost full-service, traffic and transit data collection companies in the country.

NDS has an outstanding team of 100 professional full-time employees that will successfully coordinate and complete any project. With local field crews in 23 major cities throughout the country, they can quickly respond to all project needs. NDS leverages their experience and expertise to deliver accurate and timely data in a professional manner.



## CERTIFIED MINORITY BUSINESS ENTERPRISE/DISADVANTAGED BUSINESS ENTERPRISE

Moffatt & Nichol is not a certified minority or disadvantaged business enterprise, but we have included two subconsultants—**Faller Davis & Associates, Inc.** and **Geotechnical and Environmental Consultants, Inc.**—who are woman-owned business and sustainable small business enterprises, respectively. Copies of their certificates appear below.





# REQUIRED LICENSES

**MOFFATT & NICHOL**

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**Licensee Details**

**License Information**

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

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**MOFFATT & NICHOL**

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

License No.: **LB7388**  
Expiration Date February 28, 2023

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

**COLLIERS ENGINEERING & DESIGN, INC DBA MASER CONSULTING**  
331 NEWMAN SPRINGS RD STE 203  
RED BANK, NJ 07701-5691

*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.

**COLLIERS ENGINEERING & DESIGN, INC.**

**EXP**

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**Licensee Details**

**License Information**

Name: EXP U.S. SERVICES INC. (Primary Name)  
Main Address: 56 QUEEN STREET EAST, SUITE 301  
LESLIE, ONTARIO L6V 4N8  
License Mailing:  
License Location:

**License Information**

License Type: Registry  
Rank: Registry  
License Number: 29701  
Status: Current  
Licensure Date: 10/13/2011  
Expires:

**Special Qualifications**      Qualification Effective

**Alternate Names**

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**EXP**

**FALLER DAVIS & ASSOCIATES, INC.**

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**Licensee Details**

**License Information**

Name: FALLER, DAVIS AND ASSOCIATES, INC. (Primary Name)  
Main Address: 4200 WEST CYPRESS STREET  
SUITE 500  
LAKDA Florida 33607  
HILLSBOROUGH  
County:  
License Mailing:  
License Location:

**License Information**

License Type: Registry  
Rank: Registry  
License Number: 5864  
Status: Current  
Licensure Date: 12/18/1990  
Expires:

**Special Qualifications**      Qualification Effective

**Alternate Names**

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**FALLER DAVIS & ASSOCIATES, INC.**




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**Licensee Details**

**License Information**

|                   |   |
|-------------------|---|
| Name:             | GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC. (Primary Name) |
| Main Address:     | 919 LAKE BALDWIN LAKE<br>ORLANDO Florida 32814                |
| County:           | ORANGE  |
| License Mailing:  | 919 LAKE BALDWIN LAKE<br>ORLANDO Fl. 32814                    |
| County:           | ORANGE  |
| License Location: |   |

**License Information**

|                 |            |
|-----------------|------------|
| License Type:   | Registry   |
| Rank:           | Registry   |
| License Number: | 5882       |
| Status:         | Current    |
| Licensure Date: | 02/01/1991 |
| Expires:        |            |

**Special Qualifications**

| Qualification | Effective |
|---------------|-----------|
|               |           |

**Alternate Names**

|  |
|--|
|  |
|--|

View Related License Information  
View License Complaint

**GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC.**

## 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 R. DeSantis*  
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>

**MOFFATT & NICHOL CERTIFICATE OF STATUS (FLORIDA)**

## ATTACHMENT 2 – REFERENCE FORM

### ATTACHMENT 2 – REFERENCES FORM

21-0940

List no more than five projects which best illustrates qualifications relevant to the Solicitation. References must be less than five years old. LIST no more than two LAKE COUNTY GOVERNMENT PROJECTS (past, current, prime, and subcontractor) FIRST.

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#### Moffatt & Nichol

PROJECT NAME: US 98 at Stahlman Avenue Intersection

Agency: FDOT District 3

Address: 1074 Highway 90 East

City, State, Zip code: Chipley, Florida 32428

Contact Person: Ryan Adams

Title: Project Manager

Email: Ryan.Adams@dot.state.fl.us

Telephone: 850.638.0250

Project Cost: \$400,000

Contract Start and End Dates: April 2020 – September 2020

SCOPE of Project (list tasks, outlines or descriptions of items): FDOT District 3 has coordinated the future buildout of the SR 30 (US 98) at Stahlman Avenue intersection design with local agencies and stakeholders. The south leg of the intersection is the entrance to the Harborwalk Village tourist attraction complex. In the near future, Harborwalk Village will be adding a receiving lane into the development. Florida Department of Transportation (FDOT) has constructed dual lefts in advance of this widening; however, only one left-turn lane will be used until the signals are upgraded and the additional receiving lane is constructed. Moffatt & Nichol was issued a task work order through an existing FDOT districtwide contract to design the new mast arms, which will accommodate the necessary signal heads to fully utilize the newly constructed dual left-turn lanes. In addition, Moffatt & Nichol will design the curb and sidewalk modifications required within the FDOT right-of-way to allow widening of the Harborwalk Village entrance with minimal encroachment on FDOT right-of-way.

PROJECT NAME: FDOT District 3 General Engineering Consultant

Agency: FDOT District 3

Address: 1074 Highway 90 East

City, State, Zip code: Chipley, Florida 32428

Contact Person: Brian Pettis

Title: Project Manager, Traffic Operations

Email: Brian.Pettis@dot.state.fl.us

Telephone: 850.330.1275

Project Cost: \$1.78 billion (FDOT District 3 Five-Year Work Program Budget)

Contract Start and End Dates: May 2020 – Ongoing

SCOPE of Project (list tasks, outlines or descriptions of items): Moffatt & Nichol was selected in May 2020 to be the general consultant for FDOT District 3. This is the largest and most prestigious professional engineering contract that FDOT District 3 awards to an engineering consultant and covers 16 counties in Northwest Florida. One of the services being rendered for

this contract is the review of traffic plans and studies that are submitted to the District. 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. Studies are reviewed for conformance to FDOT and national standards such as National Cooperative Highway Research Program and Institute of Transportation Engineers. These include impact studies for new developments that will access the state roadway system and traffic operations studies that examine existing facilities to evaluate if safety or operational improvements can be made. Open lines of communication are maintained between Moffatt & Nichol and traffic operations staff to help ensure concerns are understood and vetted, and Moffatt & Nichol participates in a monthly traffic operations meeting with the District and its design consultants.



List no more than five projects which best illustrates qualifications relevant to the Solicitation. References must be less than five years old. LIST no more than two LAKE COUNTY GOVERNMENT PROJECTS (past, current, prime, and subcontractor) FIRST.

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Faller Davis & Associates

PROJECT NAME: Continuing Services Contract for Traffic Operations

Agency: FDOT District 5

Address: 719 South Woodland Boulevard

City, State, Zip code: DeLand, Florida 32720

Contact Person: Mark Herring

Title: Traffic Services

Email: mark.herring@dot.state.fl.us

Telephone: 386.943.5165

Project Cost: \$5,000,000

Contract Start and End Dates: October 2019 to October 2024

SCOPE of Project (list tasks, outlines or descriptions of items): The project involves conducting traffic operational/safety studies and plans preparation. Representative assignments include qualitative assessments, collision analysis, time-of-day flashing yellow arrow analysis, signal warrant studies, mid-block crossing pushbutton design, intersection control evaluation analysis, signal designs, safe curve speed studies, and speed zone studies.

PROJECT NAME: SR 15/600 (US 17/92) from North of Lake Mary Boulevard to North of Airport Boulevard

Agency: FDOT District 5

Address: 719 South Woodland Boulevard

City, State, Zip code: DeLand, Florida 32720

Contact Person: Sam Jumber, PE

Title: Consultant Project Manager

Email: samuel.jumber@dot.state.fl.us

Telephone: 941.350.8961

Project Cost: \$1,391,722

Contract Start and End Dates: August 2015 to Jun 2020

SCOPE of Project (list tasks, outlines or descriptions of items): The project involved the widening of US 17/92 from four lanes to six lanes for 1.209 miles. The rural roadway was changed to an urban curb and gutter facility with buffered bicycle lanes. Project elements included roadway, drainage, traffic control, structures, signing and pavement marking, lighting, signalization, intelligent transportation systems, environmental, permitting, surveying and mapping, utility coordination, subsurface utility engineering, mobile LiDAR, geotechnical testing, contamination, and public involvement.