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**1. VENDOR  
PROFILE**

# 1. VENDOR PROFILE - STATEMENT OF INTEREST

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**Stantec Consulting Services Inc.**  
300 Primera Boulevard, Suite 300  
Lake Mary, Florida 32746-2145

Office: 407-710-3141  
Fax: 407-710-3383

September 21, 2021

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**Lake County Procurement Services**  
315 W. Main Street, Suite 441  
Tavares, Florida 32778

Mr. William Ponko, CPPB  
Contracting Officer

Re: On-Call, Transportation and Traffic Engineering Services

Dear Mr. Ponko and Selection Committee,

Stantec Consulting Services Inc. (Stantec) is pleased to present our qualifications for this On-Call, Transportation and Traffic Engineering Services contract. Our team is excited to partner with you to serve the needs of Lake County. We have assembled an outstanding team of professionals who will bring our strong technical expertise in all aspects of transportation planning and traffic engineering, and our commitment to quality for small and large tasks alike.

**Values.** At Stantec, "Design with community in mind" is not just a slogan, and to us, Lake County is not just any community. With bountiful agri- and eco-tourism opportunities, world-class athletic training facilities, and historical hometown charm, Lake County embodies the best of Florida's communities. And at Stantec, creating and implementing community-based transportation solutions is what we do. We relish the opportunities to improve quality of life for our families, friends, and neighbors in Lake County. We think of community as all the people and places connected to and affected by our innovative design and projects. **We put people first.**

**Experience.** Stantec brings a unique combination of local presence and local knowledge backed by stellar national expertise. Our team has worked in communities across Central Florida, including Lake County, and throughout the country. We bring depth and breadth of experience in traffic impact studies, transportation modeling, transit development, concurrency management, DRIs, signal warrants, arterial and intersection analysis, streetlight and traffic signal design, safety studies, and other specialized areas. Stantec is uniquely qualified in serving local governments, Transportation Planning Agencies (TPAs), Transportation Planning Organizations (TPOs) and Metropolitan Planning Organizations (MPOs), and state DOTs. Having experience at several levels of government allows our team to deliver realistic, implementable projects that adhere to the principles and expectations of the community. **We are driven to achieve.**

**Commitment.** Stantec understands and will support your mission to plan, develop and maintain a high-quality, safe and reliable transportation network. Our proposed key staff members are based in our Lake Mary office and within close proximity to Lake County. We are ready and available to coordinate multiple task order assignments. With our extensive experience on similar contracts, our team will hit the ground running from day one, allowing County management and key leaders to focus on their jobs. Our commitment is to embrace your culture, enhance your vision and help you achieve your mission every day while creating the future together. **We are better together.**

**Trust.** We understand that as an on-call consultant, Lake County needs a reliable and trustworthy partner to handle tasks efficiently as they come up. Stantec successfully completed the Round Lake Road Project Development & Environment Study for Lake County recently, and was commended by the County's project manager for executing the project smoothly from start to finish. We are eager to continue to build upon this relationship and earn your trust one project at a time. **We do what is right.**

We understand that the terms of this continuing contract are for on-call transportation and traffic engineering services on an as-required basis. We have carefully selected a team of exceptional transportation professionals readily available to offer Lake County the best services available.

The Stantec team will be led by our **Project Manager, Deepika Fields, PE**, who has 15 years of diverse experience in transportation planning and traffic engineering, operations, and design. She will be your main point of contact and work closely with Lake County to ensure all task assignments are carried out effectively and successfully from initial scoping to project close-out. She brings a breadth of knowledge as well as fresh, innovative approaches to new challenges -- such as the time she developed a trip estimation methodology and alternative impact fee structure in accordance with Orange County Code for a unique land use not addressed by typical industry standards.

**Luis Diaz, PE**, will serve as **Principal in Charge** for this contract. He has more than 35 years of experience in transportation planning and traffic engineering including direct experience in managing individual tasks outlined in this contract. He has also partnered with Lake County on numerous past projects and contracts. Luis is a seasoned transportation professional with a proven track record of managing similar contracts for numerous local governments throughout Central Florida.

Our **QA/QC Officer** for this contract will be **Frank Domingo, PE**. Frank brings over 34 years of diverse experience from state and local governments. To ensure quality standards are met, reviews and practices in accordance with Stantec's Project Management Framework, and the foundation of our ISO 9001 certification will be adhered to strictly. These processes will provide both the delivery of quality work, and also a risk-based approach to project reviews and system of structured documentation.

Stantec recognizes that the nature of this on-call contract can often be sporadic and challenging and may require specialized services. Thus, to complement our own highly diversified staff, we have selected reputable and reliable subconsultants who will be available to provide support as needed. This will allow Stantec flexibility in completing multiple, concurrent tasks and meeting the County's needs while assuring we provide full capabilities for any task you may bring to us.

With over 200 Florida employees dedicated to transportation services, of which 30 are in the Orlando area, Stantec is a comprehensive transportation consultant ready to step in and respond to Lake County's assignments. We attract and retain the best in the industry so that we can consistently offer our clients the expertise and talent their projects deserve. Together, we are committed to making a difference in the communities we live in. We believe that this Lake County On-Call, Transportation and Traffic Engineering Services contract is a great opportunity to demonstrate that, and it's why we have carefully selected team members that are the right fit for this contract, are available to start immediately, and can dedicate their efforts and enthusiasm to produce the best possible outcome.

We value our clients and our community, and we are committed to working with you. Our senior leaders are committed to supporting the team and they will do whatever it takes to always have the required people and resources in place.

Luis Diaz, PE, Principal in Charge for this contract ([luis.diaz@stantec.com](mailto:luis.diaz@stantec.com)) will be responsible for execution of this contract, and is authorized to make representations on behalf of Stantec Consulting Services Inc.

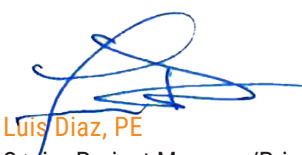
At Stantec, we put people first. We are driven to achieve. We work better together. And, we do what is right. We do all of this with our clients and our community in mind. We assure you, our Stantec team will work hard to earn your continued trust. We sincerely thank you for the opportunity to serve Lake County. Please contact me at [deepika.fields@stantec.com](mailto:deepika.fields@stantec.com) should you have any questions.

Sincerely,

Stantec Consulting Services Inc.



Deepika Fields, PE  
Senior Transportation Engineer/Project Manager



Luis Diaz, PE  
Senior Project Manager/Principal in Charge

**OFFICER'S CERTIFICATE**  
of  
**STANTEC CONSULTING SERVICES INC.**  
A **NEW YORK**, CORPORATION

I, the undersigned, do hereby certify that:

1. I am the duly elected and acting **Corporate Counsel** of **Stantec Consulting Services Inc.**, a **New York** corporation (the "**Corporation**").

2. On **April 1, 2021**, the following resolution was adopted by the Corporation's Board of Directors:

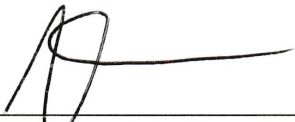
BE IT RESOLVED THAT:

1. the Corporation hereby adopts the Signing Authority Policy, as modified or amended from time to time, of Stantec Inc.
2. execution of any documents for and on behalf of the Corporation shall be governed by the Signing Authority Policy, as modified or amended from time to time, of Stantec Inc.;
3. the Secretary or any of the Corporate Counsels of the Corporation be authorized, empowered and directed from time to time as required to facilitate the execution of contracts or submission of proposals, to sign, and to seal with the Corporate Seal, Certificates of the foregoing action evidencing the authority delegated in the Signing Authority Policy, as amended from time to time, of Stantec Inc.

**Luis Diaz** is a **Principal** of the Corporation, and in that capacity is duly authorized to sign proposals and contracts in accordance with the Corporation's Signing Authority Policy in connection with the following project:

**Lake County, FL**  
**On-Call, Transportation and Traffic Engineering Services**

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Corporation, this 15<sup>th</sup> day of September, 2021.

  
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**David T. Archer, Corporate Counsel**



## a. Understanding of Project

Stantec will provide you exceptional service in two areas for this on-call contract, Transportation Planning and Traffic Engineering. Stantec has been supporting local governments and agencies statewide by providing on-call transportation and traffic services for more than two decades. The Stantec Team is organized to deliver local familiarity and experience, backed by national resources.

Under the direction of Project Manager Deepika Fields and Principal in Charge Luis Diaz, our team will provide the County with dedicated, experienced experts familiar with County processes and procedures, and who have immediate and direct access to the latest in design, operations, construction, and policy. Our team can answer any question, solve any problem, and create any vision. We are well-equipped to support the potential growth in your capital improvement plan. Stantec understands and will support your culture and be a positive contributor to Lake County.

As shown in our organizational chart in Section 3 of this proposal, we understand that continuing services contracts are used for a wide variety of project types and that assignments will vary substantially. We have provided key staff that will provide support to this contract and have created redundancy within this group of people. Based on our past experience we understand the level of work that is required with this contract. The Stantec team has been chosen based on their specific expertise and their availability to work on this contract immediately. Each member is committed to this contract, to providing quality performance to Lake County and to beginning work on small or large tasks immediately. The following describes our understanding of your objectives of this contract and examples of our experience within each functional area to assist you in meeting those objectives.

### Transportation Planning

Stantec recognizes the importance of fostering growth and new development responsibly and the role of infrastructure in facilitating growth. We have the staff, tools, and resources to fully support Lake County's goal of creating a multi-modal, energy-efficient transportation system. We will complete task order assignments keeping in mind the ultimate objective of transportation planning efforts and realizing that these studies and reviews typically provide the basis for input and design parameters to numerous other projects. We understand your objectives and we want to help you achieve them. Our experience in the specific tasks required of this contract are detailed herein.

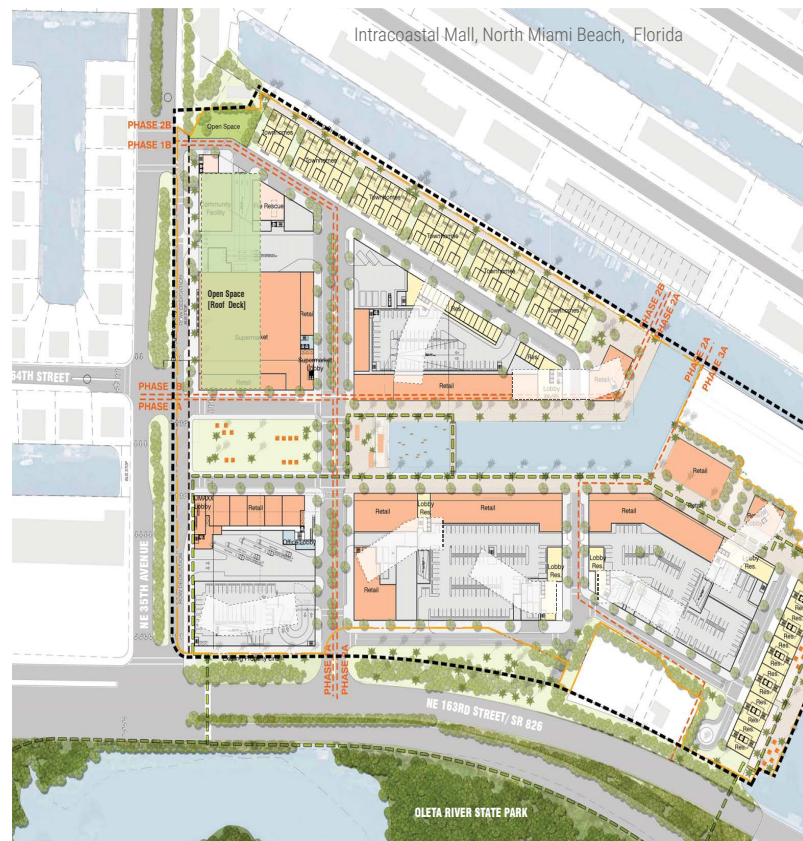
- **Review of traffic impact studies** – Identifying and mitigating impacts on the transportation system from future development is key to responsible growth. Stantec has a history of supporting local governments on projects that require difficult decisions. We take a comprehensive approach to reviewing traffic impact studies from traffic operations and potential safety concerns to bicycle and pedestrian access, truck maneuverability and site plan access. Our task leaders for this assignment have conducted and/or reviewed countless traffic studies throughout Florida based on criteria and guidelines established through each local government's Comprehensive Plan, Code of Ordinances, and Land Development Code. Our Project Manager, Deepika Fields, herself has prepared or reviewed over 150 individual traffic studies throughout her career including an Alternative Impact Fee analysis in accordance with Orange County Code requirements. Stantec is well versed in calculating proportionate fair share amounts for developments which are required to mitigate for off-site impacts to the surrounding roadway network. Stantec understands the current proportionate fair share laws and formulas outlined in Chapter 2011-139, Laws of Florida; and Chapter 163.3180 of the Florida Statutes as amended by HB 319 and how the rules have exemptions for contributing proportionate-share monies to correct preexisting transportation deficiencies.



- Adopted Lake County Transportation Models** – Stantec staff members have years of experience using Lake County transportation models. Our key staff members for modeling-related tasks, including Jamie Snow, led the development of the Central Florida Regional Planning Model, version 7 (CFRPM 7), as well as previous project specific versions of CFRPM. We have used and reviewed the models for numerous Lake County studies, including the Round Lake Road PD&E. Our task leaders' intimate knowledge of the model will provide greater insights to the County and help with policy and decision-making that impacts the region's future.
- PD&E Studies** – Our Project Manager, Deepika Fields and Principal in Charge, Luis Diaz most recently delivered a highly successful PD&E for Lake County for the widening and extension of Round Lake Road. They have both managed and completed numerous PD&E Studies throughout Central Florida and worked together on the largest PD&E in the state for the 43-mile I-4 Beyond the Ultimate Managed Lanes project, successfully delivering Location and Design Concept Acceptance (LDCA) for five interstate segments concurrently. They also implemented the state's first fully hybrid virtual/in-person public hearing for FDOT for the I-95 at Pioneer Trail Interchange PD&E in Volusia County. The hearing was hailed as "wonderful" and "very successful" by the district and their Office of Environmental Management (OEM) partners in Central Office due to its "very organized execution" and the "level of participation". Stantec's seamless execution of a new process led FDOT to develop their own guide to hybrid public meetings and hearings.
- Review of Development of Regional Impact Studies (DRI)** – Over the past decade Stantec has worked on numerous DRIs including ones for Palmer Ranch, Lakewood Centre, Lakewood Ranch Corporate Park, Venice Center, and Sarasota Square Mall. Once DRIs are approved, there is a significant amount of reporting and book-keeping that must be completed on an annual or bi-annual basis to ensure the DRIs are in compliance with their approved development order. Stantec understands the reporting process and has prepared numerous reports demonstrating compliance. Additionally, Stantec has participated in a wide array of planning, design, and engineering activities supporting and complementing the evolution of Lakewood Ranch in Sarasota and Manatee Counties. These activities include work within the Lakewood Ranch DRI, Lakewood Centre DRI, and Villages of Lakewood Ranch DRI. Assistance was also provided in establishing five Community Development Districts to facilitate the development of Lakewood Ranch's infrastructure.
- Transit Development Plan Update** – Stantec is currently providing support to Lee County for their Transit Development Plan and Comprehensive Operational Analysis Task Work

Order. As a subconsultant, Stantec staff, led by Carmen Monroy, conducted stakeholder interviews with policymakers and critical decision makers to update strategic and long-range planning goals. The interviews were analyzed for cross-cutting themes, identifications of key issues and served to create a business approach to visioning efforts. Support under this task also included review of visioning and planning documents of various agencies including county departments, partner agencies, local educational institutions, and state resources. This review served as a basis for planning and analysis of support as well as potential demand for services.

- Interregional Transportation Study/ Neighborhood Studies** – Luis Diaz is currently supporting FDOT District One as their Interstate Program Manager for the Southwest Connect™ Interstate Program which is evaluating the interregional corridors of I-75 and I-4 traversing through multiple counties in southwest Florida. Deepika Fields is task leader conducting the I-75 Central Corridor Master Plan/Feasibility Study evaluating accessibility, mobility, operations and safety of the freeway and seven interchanges through Charlotte and Sarasota Counties. Our Neighborhood Studies task leaders have completed various projects to address the mobility needs of communities of all types including mixed-use developments with residential, commercial and office uses. We have also conducted neighborhood studies through our City of South Miami work-order contract, such as evaluating traffic calming measures for a residential neighborhood near the South Miami Hospital.



- **Concurrency Reviews** – Stantec has had on call contracts with North Miami Beach and the City of South Miami to review traffic concurrency studies on their behalf. Reviews on behalf of North Miami Beach and the City of South Miami include small studies such as a 31-unit condo development in South Miami to a large redevelopment of the Intracoastal Mall in North Miami Beach which consists of 345,000 square feet of retail, 2,000 multifamily residential units, 200,000 square feet of office, and a 35,000 square foot gym.

## Traffic Engineering

Whether we're designing miles of busy highway or a winding road through a rural environment, our mission is always to identify the best community solution – one that marries solid technical and innovative design with community desires. We aim to increase mobility while protecting and enhancing the quality of life for the people our projects serve. **We don't just do the design right, we find the right design.** At Stantec, we work with you from the outset to achieve your long-term vision for your project.

Stantec staff has developed hundreds of traffic signal, signing and pavement marking plans over the past several decades for FDOT, Volusia County, City of Orlando, Orange County, Seminole County, and others. These projects have included major interstate and interchange projects, urban arterials, downtown areas, rural roadways, and bicycle/pedestrian facilities. Stantec is highly experienced in the development of Maintenance of Traffic (MOT) plans. We understand the specific requirements and preferences of Lake County and FDOT and have worked extensively with traffic engineering staff over the past ten years. We fully understand the need for a complete and detailed plan, which allows the Contractor to work at an efficient rate, while protecting the safety of motorists, pedestrians, and workers.

Our team includes Ardaman & Associates, Inc., a reliable and quality subconsultant that we've partnered with on numerous projects, who will provide geotechnical services as needed for design-related tasks. We have also partnered with Halff Associates (formerly BESH) who are based in Lake County for surveying and mapping, and Precise Locating Group for Subsurface Utility Exploration, should those services be required to complete assignments.

**Arterial Analysis** – Stantec traffic engineers have completed arterial analysis for numerous State, County and local roadways throughout Florida as part of corridor studies, lane-repurposing, speed management and various other traffic engineering or planning studies. A three-step approach is proposed for developing improvement alternatives once existing and future deficiencies are identified for roadway segments. Each deficient (congested) location is quickly evaluated for potential solutions using the following strategy screening process: identification of context-sensitive improvement strategies, screening of

improvement strategies, and development of improvement alternatives. Stantec's recent arterial analysis projects include arterial analysis of Round Lake Road as part of the PD&E for Lake County, VISSIM analysis of US 27 in the vicinity of I-4 evaluating several alternatives with the goal of reducing right of way impacts, reducing project construction cost, improving constructability, and maintaining or improving traffic operations and Synchro analysis of Pioneer Trail in the vicinity of I-95 in Volusia County.

**Preliminary Engineering Plans** – Our staff has designed thousands of miles of roadway in our history of serving clients throughout the State of Florida. We have established successful design approaches and deliberate processes to allow us to consistently produce quality deliverables that address each project's specific goals. If project issues emerge, our teams' experience means we can quickly identify and effectively communicate both the issues and the alternatives. Immediately after receiving notice to proceed, we will gather existing data relevant to the project and work to perform the preliminary design. Understanding landowner issues, coordinating with agencies, and involving key stakeholders are critical elements to keeping a project on track. Working through the process outlined above, our staff will create construction documents to help you realize your vision and goals for your project. Through the consensus-building process, we will deliver a final design that provides the County with a long-term solution that addresses your project goals. Our design lead, Desir Jacques, PE, has completed roadway plans for the reconstruction and widening of SR 50 (West Colonial Drive) in Lake and Orange Counties and our drainage lead, Heather Grubert, PE, has designed drainage for numerous roadway projects including SR 91 Turnpike Widening from SR 50 to Minneola in Lake and Orange Counties.



**Traffic Signal Warrant Analysis** – Stantec has extensive experience in evaluating signal warrants for intersections throughout the state of Florida. Luis Diaz, PE managed the Continuing Services Contract for FDOT District Five’s Districtwide Traffic Operations Studies for years and Deepika Fields was lead traffic engineer completing task work orders under the same contract. All studies start with data collection including traffic counts and crash records and field review and observations by a professional engineer followed by evaluation of each warrant specified in the Manual on Uniform Traffic Control Devices (MUTCD).

**Traffic Signal Design, Intersection Design, Sidewalk, Streetlight Studies and Design** – Our task leads, Ross Shillingford, PE, PTOE and Janette Oliveros, PE, have a combined 36 years of experience in producing traffic engineering design plans for intersections and locations throughout the state, from Duval County in North Florida to Miami-Dade in South Florida. They have worked on a variety of intersection improvements as stand-alone projects and as part of much larger projects with communication and interconnect significance. All signalization, intersection, sidewalk, and streetlight design plans conform to design preferences and specifications dictated by the governing agency. Our goal is to provide well-designed projects that are built to last. We do this while minimizing construction cost, property impacts, and utility relocations. To achieve this goal, we design our projects to have positive benefit-to-cost ratios that consider future maintenance needs up front. Further, we have the ability to design the improvements incorporating the latest ITS and connected vehicle technology to be future-ready.

**Traffic Safety Studies and Design** – Prioritizing safety is a fundamental objective of every Stantec transportation project. Stantec provides safety studies and design of minor safety improvements for numerous roadways and intersections throughout Florida. Engineering services include road safety audits to improve pedestrian and bike safety along busy corridors, collection of traffic counts, crash data analysis, lighting justification studies, lane departure studies, horizontal curve analysis, and review of Safe Routes to School applications. Design services include turn lanes, sidewalks, traffic signals, roadway and intersection lighting, and High Friction Surface Treatment. Our task leads, Matt Crim, PE, PTOE and Deepika Fields, PE, routinely complete safety studies as part of traffic impact analyses, FDOT’s Intersection Control Evaluation (ICE) process, PD&E studies, and other projects requiring crash data evaluation such as lane-repurposing and traffic calming studies. They are fully familiar with processing and evaluating large volumes of crash data from various sources including Signal Four Analytics, FDOT Crash Analysis Reporting System, SSOGIS, and other resources. Stantec has conducted existing location specific analysis as well as predictive safety analysis using the methodologies specified in the Highway Safety Manual (HSM).

**Traffic Counts** – Stantec’s team includes two subconsultants, Peggy Malone & Associates, Inc. (PMA) and Aspireon Consulting Group. PMA has been conducting traffic counts throughout the Southeastern & Mid-Atlantic area for over 20 years. PMA has conducted tens of thousands of hose counts (24-hour to multiple-week periods), classification counts, speed counts, spot speed studies, intersection delay studies, origin-destination studies, vehicle occupancy studies, travel time studies, and other miscellaneous traffic surveys. PMA staff also provides condition diagrams and performs signal timings. All data collection efforts follow the specifications in the FDOT Manual on Uniform Traffic Studies (MUTS). Aspireon Consulting Group is an Orange County WBE, City of Orlando WBE, Osceola County WBE, and Certified by FDOT as a DBE that provides traffic counts for small-scale projects.

Stantec has highly qualified staff with exceptional technical abilities required to assist Lake County with any other tasks as needed on this contract. At Stantec, we believe successful transportation planning and traffic engineering is not just about safely and efficiently moving people and goods – it supports transportation equity by providing mobility solutions that accommodate all users. Through our proactive and collaborative planning approach, we help communities increase their vitality by integrating transit, vehicle, bicycle, and pedestrian modes. Our projects not only improve mobility and promote a healthy, active lifestyle, they also beautify spaces that are often overlooked. From writing grants to conducting bicycle safety workshops for local residents, our design teams work closely with local stakeholders, taking their aspirations and ideas and turning them into a one-of-a-kind reality, authentic to their communities.





## OUR EXPERIENCE WITH CONTINUING SERVICE CONTRACTS

Our understanding and approach to this contract stems from our own experience managing similar contracts. We know that program tasks can cover the spectrum of everything you do as a County and will require deliberate action and quick response. Our approach is to provide the right resources from our organization for each and every task. We know each task is unique and may require different resources than a previous, similar assignment.

A fundamental tenet in our approach to continuing services contracts is our understanding that our role is to help you, our client, tackle any challenge that arises. To provide you with the very best support, our team offers a strong local workforce capacity integrated with a national network of experts. We recognize that the ability to manage the unexpected is the unwritten scope item of every Countywide project. With more than 200 professionals in transportation, environmental, and water services in the State of Florida, we have the local expertise and available workforce to lead any assignment, or even to take on several assignments at once. With a strong team of experts in a variety of disciplines, QA/QC is built in at multiple stages and engages people not involved in the day-to-day activities of the project assignments. At Stantec, we commit to excellence in everything we do. We believe this helps us keep projects on budget and schedule. Some examples of the specific type of services under are continuing contracts are detailed below.

- **Collier County Continuing Contract On-Call Services for Professional Architectural and Engineering Services**
  - In Collier County, Stantec has been providing various architectural and engineering services on an as-needed basis including:
    - Traffic Study, Planning and/or Design
    - Travel Demand Modeling and Simulation
    - Planning and/or Design Environmental Studies
    - Planning and/or Design Geographic Information System (GIS)
    - CEI, Project Management, and Value Engineering for Civil, Road and Bridge Studies
    - Permitting
    - Stormwater Study, Planning and/or Design Surveying and Mapping
    - Structural

- **Districtwide Minor Safety Design Consultant** - Stantec provided safety studies and design of minor safety improvements for various roadways and intersections throughout the 16 counties in Florida's Panhandle. Engineering services included road safety audits to improve pedestrian and bike safety along busy corridors, collection of traffic counts, crash data analysis, lighting justification studies, I-10 districtwide lane departure study, horizontal curve analysis, and review of Safe Routes to School applications. Design services included turn lanes, sidewalks, traffic signals, roadway and intersection lighting, and High Friction Surface Treatment. Examples of projects and services performed as Task Work Orders under this continuing supply contract are:
  - SR 291 and University Parkway Intersection Improvements, Escambia County
  - CR 12 at Henry Keever Road Intersection Improvements, Liberty County
  - High Friction Surface Treatment (HFST) on the Southbound SR 63 (US 27/Monroe St.) to Eastbound I-10 Loop Ramp, Leon County
  - Safe Routes to School Applications (SRTS) - Constructability Reviews and Cost Estimates, Leon, Gadsden, and Liberty Counties
  - SR 292 Sidewalk, Escambia County



- **Continuing Services Contract On-Call Services Interstate Program Management General Engineering Contract** – In support of FDOT District 1 and its Southwest Connect™ Interstate Program, Stantec, as part of its Interstate Program Management (IPM) General Engineering Contract (GEC), is providing a wide range of project management, planning, PD&E, engineering, environmental, public involvement, and administrative services as needed to assist in executing the proposed IPM program, its associated project(s) in the District One Work Program, and other regional impacts. These services support the Intermodal Systems Development (ISD) office under District One's Director of Transportation Development and focus primarily on serving as the general

engineering consultant in that capacity, including all services incidental thereto. The IPM also provides support for design, traffic operations/ITS, construction, and maintenance of the interstate highway system, as required to support Transportation Developments. Other efforts being completed under this contract include a Planning and Feasibility Study for improvements to I-75 in Charlotte County, a Value Engineering Study for the I-4/US 27 interchange focused on reducing costs for the proposed design, the preparation of an Interchange Modification Report for the interchange of I-75/SR 681 a developer driven improvement, and general support services managing Managed Lanes PD&E studies for both I-75 and I-4.



- **Continuing Contract On-Call Services for General Engineering Consultant** – For the FDOT District 5 we have served in a variety of continuing roles. Under the D5 GEC contract, Stantec provides support to the Environmental Management Office by providing both in-house support services and completing a variety of task work order driven exercises, including caracara surveys in support of PD&E studies by others, gopher tortoise relocations and noise abatement studies. Under a Districtwide Miscellaneous Design Services Consultant contract, Stantec provided design services for a variety of projects that included roadway and pedestrian improvements, as well as post design and utility coordination.

- **Seminole County Continuing Contract On-Call Services for General Consulting Services** – We have provided water, sewer and solid waste services for Seminole County under a multi-year continuing services agreement. Each year, we complete a revenue sufficiency analysis for the County’s water, sewer and solid waste utility systems. Each annual update includes the development of 10-year financial plans for each enterprise fund. We identify alternative plans of annual rate adjustment, review alternative capital spending and operational scenarios.



- **FDOT Continuing Contract On-Call Services for Environmental Consultant** – For the past five years Stantec has been providing environmental services on an as-needed basis to the FDOT Districts 3, 4, 5, and 6 Environmental Management Offices. Stantec has implemented solutions such as gopher tortoise relocation should the species impact a project, conducted mussel surveys to determine if habitat impacts would occur, evaluated if design solutions for avoidance could be determined, and mitigation design, creation, and monitoring to offset environmental impacts. Stantec is also working closely with the Environmental Management Offices staff to plan ahead on upcoming projects to have solutions in place before commencement of construction.



A list of similar continuing services contracts is summarized below.

Contract Name	Client	Contact
Civil Engineering Services, Continuing Supply - Traffic and Intersection Engineering	Leon County	Charles Wu   <a href="mailto:wuc@leoncountyfl.gov">wuc@leoncountyfl.gov</a>   850-606-1500 Brent Pell   <a href="mailto:pellb@leoncountyfl.gov">pellb@leoncountyfl.gov</a>   850-606-1500
Transportation and Stormwater Engineering Services	Sarasota County	Sandra Boudreau, PE, PMP   <a href="mailto:sboudrea@scgov.net">sboudrea@scgov.net</a>   941-914-3319
General Engineering Services - Transportation Engineering	City of Bradenton Public Works and Utilities	Craig Keys   <a href="mailto:craig.keys@cityofbradenton.com">craig.keys@cityofbradenton.com</a>   941- 708-6300
Continuing Engineering Professional Services Library - Civil Engineering	Collier County	Donna Fiala   <a href="mailto:donna.fiala@colliercountyfl.gov">donna.fiala@colliercountyfl.gov</a>   239-252-2957
Various Services	Collier County Metropolitan Planning Organization	Anne McLaughlin   <a href="mailto:AnneMcLaughlin@colliercountyfl.gov">AnneMcLaughlin@colliercountyfl.gov</a>   239-252-5884
Professional Services for Architecture and Engineering	Collier County	Trinity Scott   <a href="mailto:trinityscott@colliergov.net">trinityscott@colliergov.net</a>   239-252-5832
Traffic Count Monitoring	Collier County	Laurie Beard   <a href="mailto:laurie.beard@colliercountyfl.gov">laurie.beard@colliercountyfl.gov</a>   239-252-5782
Continuing Contract for Professional Transportation Planning & Engineering Services	City of Ormond Beach	Alex Schumann, PE   <a href="mailto:alex.schumann@ormondbeach.org">alex.schumann@ormondbeach.org</a>   386-676-3302
Districtwide Minor Safety Design Consultant, Multiple Counties	FDOT 3	Mike Lewis   <a href="mailto:mike.lewis@dot.state.fl.us">mike.lewis@dot.state.fl.us</a>   850-330-1266
Districtwide PD&E Consultant Support	FDOT 6	Irene Varela   <a href="mailto:irene.varela@dot.state.fl.us">irene.varela@dot.state.fl.us</a>   305-470-5342
Continuing Services for PD&E Studies, Florida's Turnpike Enterprise	FDOT Florida's Turnpike Enterprise	Rax Jung   <a href="mailto:rax.jung@dot.state.fl.us">rax.jung@dot.state.fl.us</a>   407-264-3870
General Planning Consultant Services for Planning and PD&E Services	FDOT 5	Alice Giuliani   <a href="mailto:alice.giuliani@dot.state.fl.us">alice.giuliani@dot.state.fl.us</a>   386-943-5247
Interstate Program Management GEC Consultant Contract	FDOT 1	Katie Sherrard   <a href="mailto:katie.sherrard@dot.state.fl.us">katie.sherrard@dot.state.fl.us</a>   863-519-2590
Districtwide Environmental Data & Report Consultant	FDOT 6	Shannon Kelley   <a href="mailto:shannon.kelly@dot.state.fl.us">shannon.kelly@dot.state.fl.us</a>   305-470-5138
Districtwide Tech Support Consultant Utility	FDOT 6	Xenia Rodriguez   <a href="mailto:xenia.rodriguez@dot.state.fl.us">xenia.rodriguez@dot.state.fl.us</a>   305-470-5234
SEMO (Environmental) Support	FDOT Central Office	Terri Cook   <a href="mailto:terri.cook@dot.state.fl.us">terri.cook@dot.state.fl.us</a>   850-414-5319
ETDM and NEPA Support	FDOT 1	Jonathon Bennett   <a href="mailto:jonathon.bennett@dot.state.fl.us">jonathon.bennett@dot.state.fl.us</a>   863-519-2805
I-4 BTU Corridor Management CSC	FDOT 5	Dana Stewart   <a href="mailto:dana.stewart@dot.state.fl.us">dana.stewart@dot.state.fl.us</a>   386-943-5562
Continuing PD&E Services	FDOT 4	Shandra Davis   <a href="mailto:shandra.davis@dot.state.fl.us">shandra.davis@dot.state.fl.us</a>   954-677-7896
Districtwide Survey	FDOT 7	Thomas Croonquist   <a href="mailto:thomas.croonquist@dot.state.fl.us">thomas.croonquist@dot.state.fl.us</a>   813-975-6781
Districtwide Minor Project Design	FDOT 4	Thuc Le   <a href="mailto:thuc.le@dot.state.fl.us">thuc.le@dot.state.fl.us</a>   954-777-4552
Continuing Service Contract EMO Support	FDOT 1	Vitor Seguir   <a href="mailto:vitor.seguir@dot.state.fl.us">vitor.seguir@dot.state.fl.us</a>   941-656-7800
Cont. Svcs. Contract for Modeling Support and Limited Access Analysis	FDOT 5	Jason Learned   <a href="mailto:jason.learned@dot.state.fl.us">jason.learned@dot.state.fl.us</a>   386-943-5320

## b. Firm Profile / Firm History

In our 67 year history Stantec has successfully served more than 350 clients while completing many innovative projects. We are consistently recognized by clients and peers for the quality of our documents, our unique planning process, service, design experience, and sustainability of the environments we create.

Stantec, a corporation founded in 1954, provides professional design and consulting services in engineering, architecture, landscape architecture, planning, surveying, geotechnical, environmental sciences, construction engineering inspections, construction management, project management, and project economics for infrastructure and facilities projects. Continually striving to balance economic, environmental, and social responsibilities, we are recognized as a world-class leader and innovator in the delivery of sustainable solutions.

We believe Stantec presents a professional consulting team second to none in terms of depth of resources available, the historical development and understanding of the requirements of this contract, and possesses the technical expertise and management team to deliver a successful project, on time and on budget. Our firm is able to offer comprehensive, rapid, cost effective and local delivery of all disciplines necessary to complete any project assigned to us. Our proposed contract and project managers have tremendous relevant experience, supported by very strong corporate experience in all of the aspects required to help the success of the team, Stantec has a very strong inter-office communications plan which focuses on direct contact either in person or by phone as the primary means of communication and notification of the receipt of important project related information.

With 200 offices and 7,600+ people in the US alone, chances are there's a Stantec presence right where you need us to be. More specifically, we have 14 offices within the State of Florida including our Lake Mary office to aid in this contract. This office shall be supported by staff from other offices as needed for any task work order requiring specialized experience and talent. Stantec's strong commitment to client satisfaction is the foundation of our service to you. We have a long history of serving municipal and county clients throughout the state. Our Florida staff has over 46 years of experience, locally, with municipalities and government agencies including Lake County.

We support our public and private sector clients at every stage, from initial concept and financial feasibility to project completion and beyond. The firm holds a fundamental belief in the involvement of the client and users in the entire design process. As integral members of the team, our clients contribute greatly to the energy and enthusiasm that produce the highest quality work.

**Stantec**

14 Offices across the Gulf Region

**WE ARE PLANNERS DESIGNERS ARCHITECTS ENGINEERS + SCIENTISTS**

Office Locations: TALLAHASSEE, JACKSONVILLE, LAKE MARY, ORLANDO (Corporate Blvd.), ORLANDO (New Broad St.), TAMPA, SARASOTA, WEST PALM BEACH, FT. MYERS, DEERFIELD BEACH, NAPLES, SUNRISE, MIAMI, CORAL GABLES

**39+** Complete Streets & Active Transportation Projects

**100+** Roundabouts Designs

**60+** Corridor Studies

**200+** Transit Agencies served over the last 30 years

**400+** Specialists working within our transit team

**DISCIPLINE AREAS**

- Comprehensive Transportation and Land Use Planning
- Complete Streets
- Traffic and Safety Engineering
- Transit Planning
- Community Outreach
- Connected and Autonomous Vehicles

**INNOVATIONS**

- Automated Electric Light Rail Transit (LRT)
- Virtual Reality
- The E-Pop Park

**12** AICP-Certified Employees across the Gulf Region

**+261** Transportation specialists across Stantec

**7** Top 50 Design Firms in Transportation, *Engineering News Record, July 2021*

**7** Top 20 Design Firms by Sector - Transportation, *Engineering News Record, April 2021*

**10** Top 500 Design Firms, *Engineering News Record, April 2021*



## c. Minority or Disadvantaged Business Enterprise

Stantec is not a minority firm, but supports the meaningful participation of disadvantaged, minority- and woman-owned business enterprises on all our contracts.

Our team includes the following minority or disadvantaged firms: Aspireon Consulting Group, Inc. (WBE/DBE) providing Surveying and Mapping Services and Protean Design Group, Inc. (DBE) providing transportation studies/concurrency reviews/ engineering plans/traffic studies and design/intersection design.

We consistently meet and often exceed participation targets when they are required by our clients, and in many cases Stantec seeks out specific minority partners due to their quality work and high level of service regardless of whether there are minority goals in place. We believe the best way for minority firms to learn and grow is through hands-on experience. We will look for opportunities to involve a primary minority partner throughout the life of a project so the firm has meaningful participation in all the technical, management, and communication aspects required to successfully deliver a project. The minority's staff becomes an extension of our staff to establish a seamless team providing successful outcomes for a project and the community.

In addition, Stantec is committed to workplace diversity and inclusion and closely follows the equitable employment standards in its jurisdictions.

Stantec is an Equal Employment Opportunity employer. Our policy is to provide equal opportunity to all employees and applicants and to prohibit any discrimination because of race, color, religion, sex, national origin, age, marital status, genetic information, disability, pregnancy, protected veteran status, sexual orientation or gender identity and expression. Employees will be treated based on their job-related qualifications, ability, and performance.

We recognize the value and advantages of diverse ideas within our communities. We are committed to providing a platform to support the next generation of leaders and champions in our industry, and we are focused on growing diversity within the science, technology, engineering, arts, and math (STEAM) fields.

In addition to using M/W/DBE sub-consultants, Stantec has established a Equity & Diversity Scholarship that will contribute to the creation of a critical mass of talented students that will fully represent our industry—it will provide an environment in which all can thrive academically and professionally. Through this scholarship, Stantec will award \$200,000 annually. We believe everyone has a right to education, and we are committed

to providing people in historically underrepresented and Black, Indigenous, people of color (BIPOC) groups with financial aid.

Here at Stantec, we value an inclusive and diverse workplace culture where we seek a broad range of perspectives and contributions to our industry—and the communities where we live and work.

The Stantec Equity & Diversity Scholarship is part of a broader commitment to equity, diversity, and inclusion in our organization. We know that we must increase our focus on building the future talent pipeline and find more ways to support underrepresented populations in our industry. This scholarship program is just one example of our commitment to break through barriers to have an impact.

Please see minority certifications on the following page.





PROTEAN			
Number of Records Returned:	1		
Selection Criteria:	Vendor : PROTEAN DESIGN GROUP INC		
Vendor Name:	PROTEAN DESIGN GROUP INC		
DBE Certification:	CERTIFIED	MBE Certification:	Certified
DBA:	Business Description: CIVIL ENGINEERING SERVICES AND CAD SERVICES		
Mailing Address:	100 E PINE ST STE 600 ORLANDO, FL 32801-		
Contact Name:	KIMBERLY HORLANDER	Phone:	(407) 246-0044
Email:	KHORLANDER@PROTEANDG.COM	Fax:	(407) 246-0040
Statewide Availability:	Y	ACDBE Status:	N
Certified NAICS	Engineering Services		
541330	Drafting Services		
541340			



Protean Design Group, Inc.

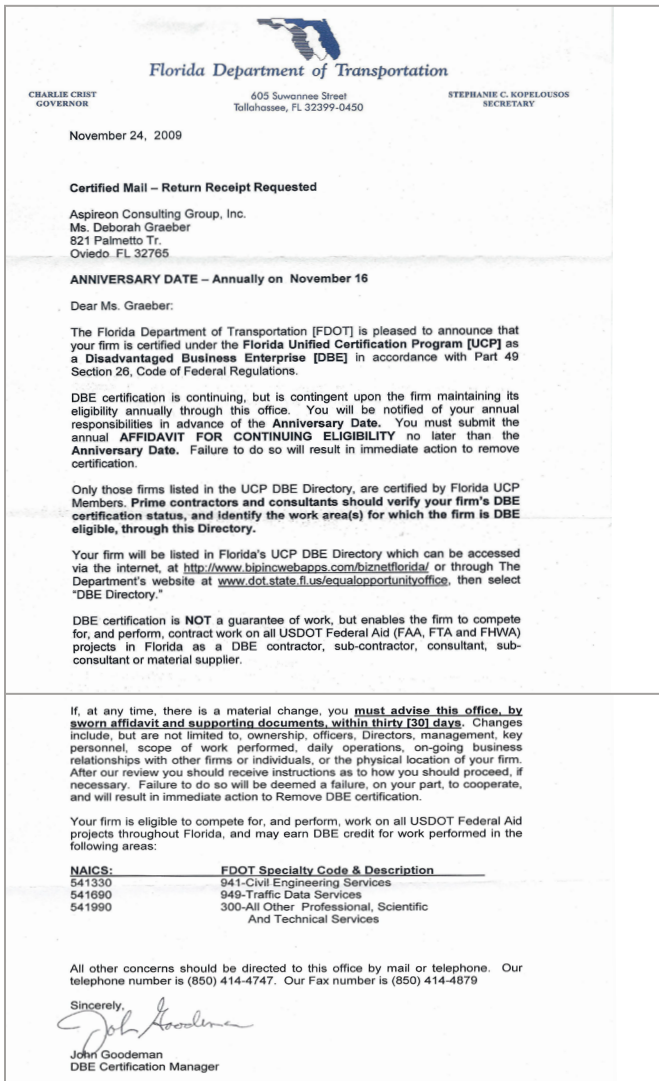
Active

Profile Commodity Codes

Name: Protean Design Group, Inc.  
 Shortname:  
 Business Designation: corporation  
 Contact: Kimberly Horlander  
 Address: 100 East Pine Street Orlando, FL 32801  
 County: Orange  
 Phone: 407-246-0044  
 Fax: 407-246-0040  
 Email: khorlander@proteandg.com  
 Url: http://www.proteandg.com

Designations

WOMAN OWNED:  
 March 24, 2021 - March 24, 2023



# d. Licenses or Permits

 	
<ul style="list-style-type: none"> <li>Log On</li> <li>Search for a Licensee</li> <li>Apply for a License</li> <li>View Application Status</li> <li>Find Exam Information</li> <li>File a Complaint</li> <li>ASST Delinquent</li> <li>Invoice &amp; Activity</li> <li>List Search</li> </ul>	
<b>Licensee Details</b>	
<b>Licensee Information</b>	
Name:	STANTEC CONSULTING SERVICES INC. (Primary Name)
Main Address:	370 INTERLOCKEN BLVD. SUITE 300 BROOMFIELD Colorado 80021
License Mailing:	370 INTERLOCKEN BLVD. SUITE 300 ATTENTION: GINA MALONEY BROOMFIELD CO 80021
LicenseLocation:	
<b>License Information</b>	
License Type:	Registry
Rank:	Registry
License Number:	27013
Status:	Current
Licensure Date:	05/30/2006
Expires:	
Special Qualifications	Qualification Effective

← Stantec Consulting Services Inc. - State of Florida Board of Professional Regulation - Engineers

Please see all applicable licenses in Section 7. Other information.



## e. References / Relevant Projects

### 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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*Stantec Consulting Services Inc.*

PROJECT NAME: Round Lake Road PD&E Study

Agency: Lake County Public Works

Address: 350 N. Sinclair Avenue

City, State, Zip code: Tavares, FL 32778

Contact Person: George Gadiel, PE

Title: Senior Traffic Engineer

Email: ggadiel@lakecountyfl.gov

Telephone: 352-253-9092

Project Cost: \$700,000

Contract Start and End Dates: October 2017 / May 2019

SCOPE of Project (list tasks, outlines or descriptions of items): This challenging project which required controversial decision-making consisted of evaluating alternatives to widen Round Lake Road from two to four lanes and to extend north from its current terminus at Wolf Branch Road as a four-lane facility through currently undeveloped lands. The project limits were from south of SR 46 to SR 44 and involved large scale public involvement efforts in a diverse community that is highly focused on community cohesion. Several alternatives for widening and extending the roadway were identified while working with the community through an extensive public involvement program developed specifically for this project.

PROJECT NAME: Professional Services for Architecture and Engineering Services

Agency: Collier County

Address: 3299 Tamiami Trail East, Suite 303

City, State, Zip code: Naples, FL 34112

Contact Person: Trinity Scott

Title: Deputy Department Head – Capital Planning, Construction, and Maintenance

Email: trinityscott@colliergov.net

Telephone: 239-252-5832

Project Cost: \$200,000

Contract Start and End Dates: January 2014 / August 2022

SCOPE of Project (list tasks, outlines or descriptions of items): Stantec provides various architectural and engineering services on an as-needed basis. To date we have received multiple work orders, e.g., on-going on-call traffic studies/services which include preparing the transportation concurrency system Annual Update and Inventory Report (AUIR), developing a traffic count data QA/QC training program, and performing travel demand modeling for a Comprehensive Planning Department project. Additionally, we have been authorized to provide support services in project specific assignments including serving as an Interim Transportation Planning Manager (during candidate search, and during medical leave of absence), Local Agency Programming (LAP) Technical Support Services



(developing scope of services for RFQ's, QA/QC peer review of design plans, etc.), conducting the Pine Ridge Corridor Congestion Study, and preparing TIGER grants.

**PROJECT NAME:** Continuing Services Contract for Modeling Support and Limited Access Analysis

**Agency:** FDOT District 5

**Address:** 719 S Woodland Boulevard

**City, State, Zip code:** DeLand, FL 32720

**Contact Person:** Jason Learned

**Title:** District 5 Model Coordinator

**Email:** jason.learned@dot.state.fl.us

**Telephone:** 386-943-5320

**Project Cost:** \$500,000 (Total fees on all task orders under this continuing supply contract)

**Contract Start and End Dates:** May, 2019 / May 2024

**SCOPE of Project (list tasks, outlines or descriptions of items):** The primary function of this contract is to provide for the conversion, development, validation, calibration, and refinement of regional transportation planning model(s). The contract focuses on the management of the Central Florida Regional Planning Model (CFRPM) for use by FDOT, Metropolitan Planning Organizations (MPO/TPOs), and various other agencies and consultants. CFRPM is an important tool used as the first step in the process of developing transportation projects, and many important decisions are based on the outputs it produces. It is in the FDOT highest interests to ensure the integrity of CFRPM as an operational, robust tool to support planning decisions. Several tasks go into ensuring CFRPM's integrity, which this contract will focus on. Major tasks will involve Model Development and Support, Technical Support and Training, Data Collection, Data Analytics, Visualization and Reporting. Minor tasks will involve Project Traffic Forecasting, Traffic Analysis Review, Development of Scopes of Services, and Project Management Support.

**PROJECT NAME:** Districtwide Minor Safety Design Consultant

**Agency:** FDOT District 3

**Address:** 1074 Highway 90

**City, State, Zip code:** Chipley, FL 32428

**Contact Person:** Mike Lewis, PE

**Title:** Traffic Safety Program Engineer

**Email:** michael.lewis@dot.state.fl.us

**Telephone:** 850-330-1266

**Project Cost:** \$942,824 (Total fees on all task orders under this continuing supply contract)

**Contract Start and End Dates:** March 2013 / March 2018

**SCOPE of Project (list tasks, outlines or descriptions of items):** Stantec provided safety studies and design of minor safety improvements for various roadways and intersections throughout the 16 counties in Florida's Panhandle. Engineering services included road safety audits to improve pedestrian and bike safety along busy corridors, collection of traffic counts, crash data analysis, lighting justification studies, I-10 districtwide lane departure study, horizontal curve analysis,

and review of Safe Routes to School applications. Design services included turn lanes, sidewalks, traffic signals, roadway and intersection lighting, and High Friction Surface Treatment. Examples of projects and services performed as Task Work Orders under this continuing supply contract are provided below.

- SR 291 and University Parkway Intersection Improvements, Escambia County (Fee =\$75,919)
- CR 12 at Henry Keever Road Intersection Improvements, Liberty County (Fee =\$43,963)
- High Friction Surface Treatment (HFST) on the Southbound SR 63 (US 27/Monroe St.) to Eastbound I-10 Loop Ramp, Leon County (Fee = \$49,406)
- Safe Routes to School Applications (SRTS)–Constructability Reviews and Cost Estimates, Leon, Gadsden, and Liberty Counties (Fee = \$63,034)
- SR 292 Sidewalk, Escambia County (Fee =\$166,014)

PROJECT NAME: FDOT District 1 Continuing Services Traffic Studies

Agency: Burgess & Niple, Inc.

Address: 10006 N. Dale Mabry Highway, Suite 201

City, State, Zip code: Tampa, FL 33618

Contact Person: Danny Hendrickson, PE, PTOE, RSP1

Title: Senior Traffic Project Manager

Email: danny.hendrickson@burgessniple.com

Telephone: 813-563-4482

Project Cost: Not to exceed \$5,000,000

Contract Start and End Dates: July 2017 -July 2022

SCOPE of Project (list tasks, outlines or descriptions of items): Stantec as subconsultant to Burgess & Niple, provided the Florida Department of Transportation District 1 Traffic Operations Office with professional services for conducting needed corridor studies. The analysis and conceptual recommendations produced provide valuable input into the development of corridor improvement projects to be included in the Department's work program. The types of studies for which task work orders are issued include corridor analyses, intersection analyses, signal warrant analyses, and composite studies.