



County of Hernando
Procurement Department
Carla Rossiter-Smith, Chief Procurement Officer
15470 Flight Path Drive, Brooksville, FL 34604

[STANTEC CONSULTING SERVICES, INC.] RESPONSE DOCUMENT REPORT

RFQ No. 23-RFQ00414/CR

Continuing Traffic Engineering Services

RESPONSE DEADLINE: December 4, 2023 at 10:00 am

Report Generated: Monday, October 28, 2024

Stantec Consulting Services, Inc. Response

CONTACT INFORMATION

Company:

Stantec Consulting Services, Inc.

Email:

leslie.cleveland@stantec.com

Contact:

Leslie Cleveland

Address:

380 Park Place Blvd., Suite 300
Clearwater, FL 33759

Phone:

N/A

Website:

N/A

Submission Date:

Dec 1, 2023 3:20 PM (Eastern Time)

ADDENDA CONFIRMATION

Addendum #1

Confirmed Dec 1, 2023 10:10 AM by Leslie Cleveland

QUESTIONNAIRE

1. Acknowledgement and Attestation*

Pass

By responding to this RFQ, the respondent(s) certify that he/she has reviewed the sample contract, and its exhibits contained herein, and is familiar with their terms and conditions and finds them expressly workable.

We certify and declare that the foregoing is true and correct.

Please acknowledge below that you confirm the above statement:

Confirmed

2. Download Drug Free Workplace Certificate *

Pass

I have read and attest to, in accordance with Florida Statute 287.087 (current version), hereby certify that, Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace named above, and specifying actions that will be taken against violations of such prohibition.

Informs employees about the dangers of drug abuse in the workplace, the firm’s policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.

Gives each employee engaged in providing commodities or contractual services that are under proposal a copy of the statement specified above.

Notifies the employees that as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, pleas of guilty or nolo contendere to, any violation of Chapter 893, or of any controlled substance law of the State of Florida or the United States, for a violation occurring in the workplace, no later than five (5) days after such conviction, and requires employees to sign copies of such written statement to acknowledge their receipt.

Imposes a sanction on, or requires 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.

Makes a good faith effort to continue to maintain a drug free workplace through the implementation of the Drug Free Workplace Program.

“As a person authorized to sign this statement, I certify that the above named business, firm or corporation complies fully with the requirements set forth herein”.

Please Confirm that you have read and attest to Download Drug Free Workplace Certificate

Confirmed

3. Affidavit of Non Collusion and of Non-Interest of Hernando County Employees*

Pass

Certification that Vendor/Contractor affirms that the bid/proposal presented to the Owner is made freely, and without any secret agreement to commit a fraudulent, deceitful, unlawful or wrongful act of collusion.

I have read and attest that I am the Vendor/Contractor in the above bid/proposal, that the only person or persons interested in said proposal are named therein; that no officer, employee or agent of the Hernando County Board of County Commissioners (BOCC) or of any other Vendor/Contractor is interested in said bid/proposal; and that affiant makes the above bid/proposal with no past or present collusion with any other person, firm or corporation.

Please confirm that you have read and attest to Affidavit of Non Collusion and of Non-Interest of Hernando County Employees

Confirmed

4. Sworn Statement

SWORN STATEMENT 287.133 (3) (A)*

Pass

I have read and attest that I understand that a "public entity crime" as defined in Paragraph 287.133 (1)(g), Florida Statutes (current version), means a violation of 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 proposal 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.

I have read and attest that I understand that "convicted" or "conviction" as defined in Paragraph 287.133 (1)(b), Florida Statutes (current version), means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any Federal or State trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

I have read and attest that I understand that an "affiliate" as defined in Paragraph 287.133 (1)(a), Florida Statutes (current version), means:

- A. A predecessor or successor of a person convicted of a public entity crime; or
- B. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one (1) person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one (1) person

controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.

I have read and attest that I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes (current version), means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which proposals or applies to proposal on contracts for the provisions of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

I have read and attest that based on information and belief, the statement which I have confirmed below is true in relation to the entity submitting this sworn statement:

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH ONE (1) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31, OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT.

Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

IF YOU CHOOSE OPTION 3, PLEASE ATTACH A COPY OF THE FINAL ORDER

The entity submitting this sworn statement, or one (1) or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted Vendor/Contractor list

Please attach a copy of the final order

No response submitted

5. Authorized Signatures/Negotiators

AUTHORIZED SIGNATURES/NEGOTIATORS *

Pass

Please provide the information to support the statement below:

The Vendor/Contractor represents that the following persons are authorized to sign and/or negotiate contracts and related documents to which the Vendor/Contractor will be duly bound:

Name(s)

Title(s)

E-mail(s)

Phone no (s)

Douglas Stoker

Senior Principal-in-Charge

douglas.stoker@stantec.com

Mobile: 813.382.6668

Office: 727.431.1550

TYPE OF ORGANIZATION *

Pass

Please select your organization type:

Corporation

COMPANY ID*

Pass

Please Provide Your:

State of Incorporation:

Federal I.D. NO.:

11-2167170

W9 FORM*

Pass

Please upload your company's W9 information

SCSI_Clearwater_FL_signed_W9_2023.pdf

ACH ELECTRONIC PAYMENT*

Pass

An ACH electronic payment method is offered as an alternative to a payment by physical check. Please select one of the options.

No, ACH electronic payment method is not acceptable.

6. Local Vendor Affidavit of Eligibility

7. E-Verify Certification

E-VERIFY CERTIFICATION *

Pass

Vendor/Contractor acknowledges and agrees to the following:

Vendor/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of:

All persons employed by the Vendor/Contractor during the term of the Contract to perform employment duties within Florida; and

All persons, including subcontractors, assigned by the Vendor/Contractor to perform work pursuant to the Contract with the department.

Confirmed

REFERENCES *

Pass

Proposer must provide a minimum of **three (3)** references in format shown below. References must be individuals that can be readily contacted and have first-hand knowledge of the Proposer's performance on the specific project performed by the Proposer. Each reference project must meet the following criteria:

Project at Substantial Completion or completed within the last seven (7) years.

Similar in size, dollar value and scope as this project.

Please provide information for 3 required References:

Business/Owner Name

Reference Contact Person

Reference Address

Reference Phone No.

Reference Email Address

Project Name

Project Location

Contract Project Manager

Site Superintendent

Contract Amount

Date Project Commenced

Date of Substantial Completion

Date of Final Completion

Description of Work Performed

Note: Experience shall be related to successfully completed projects within the last seven (7) years (i.e., the project must have been Substantially Complete within seven (7) years of the due date of this RFQ. Only projects that are complete or substantially complete as of the bid due date will be considered).

By submitting this information, I certify that the qualifications questionnaire information is true and correct to the best of my knowledge.

7.2_References.pdf

KEY SUBCONTRACTORS*

Pass

Each Proposer must submit with its response a list of subcontractors who will perform the work in each of the following categories (key subcontractors). List the name of the proposed subcontractor, or "Proposer" if the Proposer will perform the work, after each work category:

Example:

- (1) Earthwork construction
- (2) Earthen dike construction
- (3) Soil bentonite backfill cut-off wall installation
- (4) Wet excavation/dredging work
- (5) Concrete form work
- (6) Equipment installation
- (7) Electrical and instrumentation installation
- (8) Control system integration
- (9) Wetland planting and establishment

If no subcontractors will be employed please state "NONE"

7.3_KeySubcontractors.pdf

VENDOR/CONTRACTOR'S LICENSE*

Pass

The Proposer must be a registered to do business in the State of Florida. **All Proposers and/or subcontractors performing work requiring a specialty license must be licensed in the State of Florida.** This includes but is not limited to electrical and mechanical trades, as well as any other earthwork Contractor on the Proposer's team. Provide license information (as required in Paragraph 27) below for Proposer and all subcontractors identified herein.

Classification

Issuing Government License

Issue Date:

License Number:

7.4_VendorContractorLicense.pdf

ORGANIZATION CHART*

Pass

Proposer must provide an organization chart showing Proposer's team identifying specific responsibilities of Proposer and subcontractors.

7.5_OrganizationalChart.pdf

PROJECT MANAGER QUALIFICATIONS*

Pass

Proposer must provide resume of Project Manager listing qualifications, experience, education and training. The Project Manager must have adequate experience, generally considered as a working Project Manager on a minimum of two (2) projects, similar in size and scope to the Continuing Traffic Engineering Services, within the past seven (7) years.

7.6_ProjectManagerQualifications.pdf

8. Vendor/Contractor's License

VENDOR/CONTRACTOR'S LICENSE*

Pass

Please upload all contractors and subcontractors license(s) required for this project.

8.1_VendorContractorLicense.pdf

9. Additional Required Forms

CORPORATE AFFIDAVIT *

Pass

Please download the below documents, complete, and upload.

- [Corporate Affidavit.pdf](#)

9.1_CorpAffidavit.pdf

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES*

Pass

Section 287.135 (Current Edition), Florida Statutes, prohibits agencies from contracting with companies for goods or services of \$1,000,000.00 or more, that are on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which are created pursuant to s. 215.473 F.S. (Current Edition), or the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725 F.S. (Current Edition), or companies that are engaged in a boycott of Israel or companies engaged in business operations in Cuba or Syria.

As the person authorized to bind on behalf of respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I further certify that the company is not engaged in a boycott of Israel. I understand that pursuant to section 287.135 (Current Edition), Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs and does not have business operations in Cuba or Syria.

I have read and attest that I confirm the above is acknowledged.

Confirmed

10. Hernando County Employment Disclosure Certification Statement

IS ANY OFFICER, PARTNER, DIRECTOR, PROPRIETOR, ASSOCIATE OR MEMBER OF THE BUSINESS ENTITY A FORMER EMPLOYEE OF HERNANDO COUNTY WITHIN THE LAST TWO (2) YEARS? *

Pass

No

IS ANY OFFICER, PARTNER, DIRECTOR, PROPRIETOR, ASSOCIATE OR MEMBER OF THE BUSINESS ENTITY A RELATIVE OR MEMBER OF THE HOUSEHOLD OF A CURRENT HERNANDO COUNTY EMPLOYEE THAT HAD OR WILL HAVE ANY INVOLVEMENT WITH THIS PROCUREMENT OR CONTRACT AUTHORIZATION?*

Pass

No

RELATIVES AND FORMER HERNANDO COUNTY EMPLOYEES - ROLES AND SIGNATURES

If you answered yes to the either of the two prior questions regarding relatives or Hernando employees, please download the below documents, complete, and upload.

- [Relatives and Former Hernan...](#)

No response submitted

11. Vendor Survey

VENDOR SURVEY *

Pass

Please provide information on where you received the knowledge of the bid/request for Qualifications (mark all that apply):

County's eProcurement Portal (Open Gov Procurement)

VENDOR SURVEY - OTHER

If you choose Other please list how you received the knowledge of the bid/request for Proposals.

No response submitted

ANTICIPATES SERVICES OUTSIDE THE UNITED STATES OR FLORIDA*

Pass

Anticipates Services outside the United States or Florida

If the respondent anticipates services under the contract or any subcontracts will be performed outside the United States or Florida, the respondent shall provide in a written statement which must include, but need not be limited to the type of services that will be performed at a location outside the United States or Florida and the reason why it is necessary or advantageous to go outside the United States or Florida to perform such services. (Does not apply to any project that receives federal moneys)

No

12. Submittal Requirements

Firms will be judged not only on their past experience for the type of work involved, but also on their ability to address issues critical to the success of the project requirements outlined in this RFQ document.

Following are elements that will be used to evaluate each firm's qualifications:

PROJECT TEAM *

Pass

Identify the project principal, the project manager, key staff and subconsultants. Present a brief discussion regarding how the team's qualifications and experience relate to the specific project.

- Qualifications and relevant individual experience.
- Unique knowledge of key team members relating to the project.
- Experience on projects as a team.
- Key staff involvement in project management and on-site presence.
- Time commitment of key staff.
- Qualifications and relevant subconsultant experience.

A_ProjectTeam.pdf

FIRM/TEAM CAPABILITIES*

Pass

- Are the lines of authority and coordination clearly identified?
- Are essential management functions identified?
- Are the functions effectively integrated? (e.g., subconsultants' role delineated)?
- Current and projected work load.

Note: Organization charts and graphs depicting your capacity may be included.

B_FirmTeamCapabilities.pdf

PRIOR EXPERIENCE*

Pass

Use this portion of your submittal to describe relevant experiences with the project type described in this RFQ document and various services to be provided.

- Experience of the key staff and firm with projects of similar scope and complexity.
- Demonstrated success on past projects of similar scope and complexity.
- References.

Note: Include the name and current telephone number of the owner's project manager for every project listed.

C_PriorExperience.pdf

PROJECT APPROACH - BUDGET METHODOLOGY/COST CONTROL*

Pass

For the project and services outlined in the RFQ document, describe how you plan to accomplish the following project control and management issues:

- Budget Methodology/Cost Control.
 - Establish and maintain estimates of probable cost within owner's established budget.
 - Control consultant contract costs
 - Coordinate value engineering activities

12.4_ProjexchApproach_BudgetMethodology.pdf

PROJECT APPROACH - QUALITY CONTROL METHODOLOGY*

Pass

For the project and services outlined in the RFQ document, describe how you plan to accomplish the following project control and management issues:

- Quality Control Methodology.
 - Insure County procedures are followed
 - Improve energy efficiency through the use of an integrated design process, life cycle costing, the use of an energy standard (current OSA energy code) and the specification of energy efficient materials, systems, and equipment
 - Insure the project is designed for durability and maintainability

12.5_ProjectApproach_QC_Methodology_Stantec.pdf

PROJECT APPROACH - SCHEDULE*

Pass

For the project and services outlined in the RFQ document, describe how you plan to accomplish the following project control and management issues:

- Schedule.
 - Manage the required work to meet the established schedule

12.6_ProjectApproach_Schedule_Stantec.pdf

WORK LOCATION*

Pass

Describe where the prime and subconsultants will do the key work elements of this project.

- Proximity of firms office as it may affect coordination with the County's project manager and the potential project location.

- Firm's familiarity with the project area.
- Knowledge of the local labor and material markets.

E_Work_Location_Coordination.pdf

13. Additional Uploads

ADDITIONAL UPLOADS

Pass

Please upload any optional/additional information not requested elsewhere. Respondent will also supply a full pdf of their proposal here and this should be done in addition to responding above to questions 12.1 through 12.7.

KeyTeamMembers_Resumes.pdf

CoverLetter.pdf

23-RFQ00414CR_ContinuingTrafficEngineeringServices_Stantec_12042023.pdf

EXCEPTIONS

1. Proposers may take exception to certain requirements in this RFQ. All exceptions shall be clearly identified in this section, with a written explanation of the exception and an alternate proposal (if applicable). The County, at its sole discretion, may reject any exceptions or specifications within the proposal.
2. The Contract that the County intends to use for award is attached for reference. Any exceptions to this standard Contract must be clearly indicated by return of the standard Contract with the Proposal, with exceptions clearly noted. The County has the right to require the selected Proposer to sign the attached Contract or to negotiate revisions to the Contract language prior to execution of the Contract, at its sole discretion.

No response submitted

PROPOSER'S CERTIFICATION*

Pass

I have carefully examined the Request for Proposals (RFQ), Instructions to Proposers, General and/or Special Conditions, Specifications, RFQ Proposal and any other documents accompanying or made a part of this invitation.

I agree that my RFQ will remain firm for a period of up to one hundred and eighty (180) days in order to allow the County adequate time to evaluate the Proposals. Furthermore, I agree to abide by all conditions of the Proposal.

I certify that all information contained in this RFQ is truthful to the best of my knowledge and belief. I further certify that I am a duly authorized to submit this RFQ on behalf of the Consultant/Firm as its act and deed and that the Consultant/Firm is ready, willing and able to perform if awarded the Contract.

I further certify that this RFQ is made without prior understanding, agreement, connection, discussion, or collusion with any person, firm or corporation submitting a RFQ for the same product or service; no officer, employee or agent of the Hernando County BCC or of any other Proposer interested in said RFQ; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

I further certify that having read and examined the specifications and documents for the designated services and understanding the general conditions for Contract under which services will be performed, does hereby propose to furnish all labor, equipment, and material to provide the services set forth in the RFQ.

I hereby declare that the following listing states any clarifications, any and all variations from and exceptions to the requirements of the specifications and documents. The undersigned further declares that the "work" will be performed in strict accordance with such requirements and understands that any exceptions to the requirements of the specifications and documents may render the Proposer's Proposal non-responsive.

I take NO exceptions

7.2 References

Reference 1 City of Tarpon Springs General Engineering Services

City of Tarpon Springs, Florida

Owner Name: City of Tarpon Springs

Contact: Bob Robertson, PE // rrobertson@ctsfl.us // 727.942.5638

Address: 324 E. Pine Street, Tarpon Springs, Florida 34689

Stantec's Contract Manager: Doug Stoker, PE

Project Dates: 2003 – Ongoing

Project Cost: Varies per task

Project Description: Stantec provides a host of miscellaneous engineering services to the City of Tarpon Springs. Project roles have included:

- | | | |
|--------------------------------|----------------------------|----------------------------------|
| > Traffic Engineering | > Traffic Signalization | > Surveying |
| > Road Safety Audits | > Right-of-Way Services | > Subsurface Utility Engineering |
| > Roadway and Drainage | > Environmental | > Permitting |
| > Drainage / Stormwater | > Groundwater | > Sinkhole Investigation |
| > Bridge / Structural Services | > GIS and Asset Management | > Planning |

Reference 2 Pinellas County General Engineering Services

Pinellas County, Florida

Owner Name: Pinellas County

Contact: Rob Meador // 727.464.8731 // rmeador@pinellascounty.org

Address: 14 S. Ft. Harrison Ave., Clearwater, Florida 33756

Stantec's Contract Manager: Doug Stoker, PE

Project Dates: 1998 – Ongoing

Project Cost: Varies per task

Project Description: Stantec provides a host of miscellaneous engineering services to Pinellas County. Project roles have included:

- | | | |
|---------------------------|----------------------------------|---------------------------|
| > Traffic Signal Design | > ATMS | > Construction Management |
| > Roadway Design | > Hazardous Materials Management | > Environmental Services |
| > Sidewalk/Trail Design | > Water Supply | > Petroleum & Fuel |
| > Stormwater Design | > Utility Design | > Groundwater |
| > Surveying & Mapping/SUE | > Permitting | > Surveying/SUE |
| > Planning | > Water Treatment & Distribution | > Irrigation, Drainage |

Reference 3 Manatee County Miscellaneous Engineering Services

Manatee County, Florida

Owner Name: Manatee County

Contact: Jeff Street // 941.708.7450 // jeff.street@mymanatee.org

Address: 1022 26th Ave. East, Bradenton, FL 34208

Stantec's Contract Manager: Doug Stoker, PE

Project Dates: 2008 – Ongoing

Project Cost: Varies per task

Project Description: Stantec provides a variety of miscellaneous engineering services to Manatee County. Project roles have included:

- | | | |
|-------------------------------|-------------------------------|--------------------------------|
| > Roadway Design | > Sidewalk/Trail Design | > Planning |
| > Traffic Signal Design | > Water Resources & Hydrology | > Environmental Remediation |
| > ATMS | > Utility Design | > Stormwater & Drainage Design |
| > Parks and Recreation Design | > Construction Phase Support | > Irrigation Design |

7.3 Key-Subcontractors

WORK CATEGORY	TASK MANAGER	FIRM	FIRM ROLE
Project Manager	Mark Modjeski, PE, IMSA II	Stantec	Proposer
Transportation Impact Analysis, Modeling & Review	Mark Modjeski, PE, IMSA II	Stantec	Proposer
Traffic Operations Analysis & Review	Christian Kline, PE	Stantec	Proposer
Traffic Signalization, S&PM, ITS	David Allen, PE	Stantec	Proposer
Traffic Safety	Chris Benitez, PE, PTOE, RSP	Stantec	Proposer
Roadway Design/Maintenance of Traffic	Jason Yam, PE	Stantec	Proposer
Structures	Ananda Bergeron, PE, ENV SP	Stantec	Proposer
Signal CEI/Construction Review	David Allen, PE	Stantec	Proposer
Survey & Mapping/SUE	Mark Foster, PSM	Stantec	Proposer
Data Collection	Nancy Adams, PE	Adams Traffic, Inc.	Subconsultant
Geotechnical Engineering	Amy Guisinger, PE	Tierra South Florida, Inc.	Subconsultant

7.4 Vendor/Contractor's License

State of Florida Department of State

I certify from the records of this office that STANTEC CONSULTING SERVICES INC. is a New York corporation authorized to transact business in the State of Florida, qualified on November 14, 2001.

The document number of this corporation is F01000005948.

I further certify that said corporation has paid all fees due this office through December 31, 2023, that its most recent annual report/uniform business report was filed on April 16, 2023, 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 Third day of May, 2023*




Secretary of State

Tracking Number: 3651566957CU

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

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

Name: **STANTEC CONSULTING SERVICES INC. (Primary Name)**
 Main Address: **370 INTERLOCKEN BLVD.
 SUITE 200
 BROOMFIELD Colorado 80021**

License Mailing: **370 INTERLOCKEN BLVD.
 SUITE 200
 BROOMFIELD CO 80021**

License Information

License Type: **Engineering Business Registry**
 Rank: **Registry**
 License Number: **27013**
 Status: **Current**
 Licensure Date: **05/30/2006**
 Expires:

STANTEC CONSULTING SERVICES, INC.

6920 PROFESSIONAL PKWY, LAKEWOOD RANCH, FL 34240-8414
 Phone 941-907-6900

[Complaints 0](#)
[Print](#)

License Type	License#	Issued	Expires	Status
Surveyor Business	LB7866	10/08/10	02/28/25	Active
Surveyor of Record	LS3924	03/01/82	02/28/25	Active

License Type	Name	Name Type	License Number/ Rank	Status/Expires
Engineering Business Registry	ADAMS TRAFFIC, INC.	Primary	8959 Registry	Current
	License Location Address*: P.O. BOX 997 PLANT CITY, FL 33564			
	Main Address*: P.O. BOX 997 PLANT CITY, FL 33564			

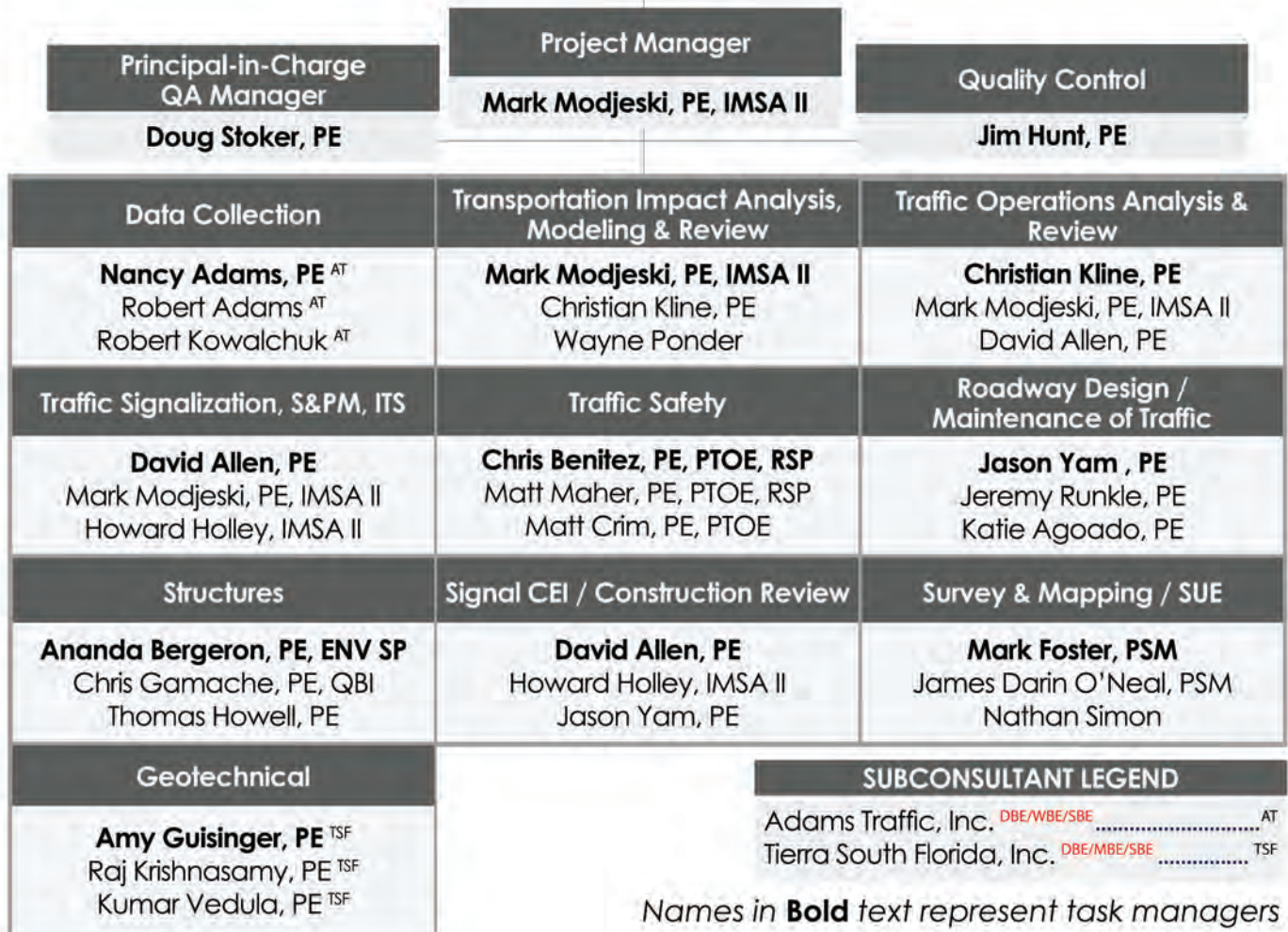
Name: **TIERRA SOUTH FLORIDA, INC. (Primary Name)**
 Main Address: **2765 VISTA PKWY, STE 9
 WEST PALM BEACH Florida 33411**
 County: **PALM BEACH**

License Information

License Type: **Engineering Business Registry**
 Rank: **Registry**
 License Number: **28073**
 Status: **Current**
 Licensure Date: **04/13/2008**
 Expires:

7.5 Organization Chart

Our proposed Project Principal Doug Stoker will be responsible for resource allocation. He will work with Project Manager Mark Modjeski to ensure all required resources assigned to the project have the appropriate level of experience and licensure. If required, Doug and Mark will hire other subconsultants as needed for the task and submit any new staff to the County for approval prior to assignment to the project.





Mark Modjeski PE, IMSA II

Project Manager
36 years of experience

Mark will serve as Project Manager and Chief Engineer. He has 36 years of experience and serves as Senior Principal of Stantec's Traffic Operations Group. Mark oversees Stantec's Traffic Operations and Design efforts. His experience includes transportation planning, access management, traffic impact analysis, operational and safety studies, traffic signal, lighting, signing, pavement marking, ITS and ATMS design. Prior to coming on board with Stantec, he served as a project manager and bid specialist with a local signalization, highway lighting and signing contractor. He holds IMSA Level II certifications as both a traffic signal technician and traffic signal electrician.

EDUCATION

BS, Chemical Engineering, University of South Florida, 1987

REGISTRATIONS

Professional Engineer #54838, State of Florida
International Municipal Signal Association, Traffic Signal and Electrician Technician Level II #BB21381

MEMBERSHIPS

International Municipal Signal Association

PROJECT EXPERIENCE

CR 578 (County Line Road) | FDOT District 7 | Hernando and Pasco County, FL

Project Engineer for the reconstruction of 2.5 miles of an existing two-lane rural section of roadway to a four-lane urban and suburban facility. Services include roadway plans, horizontal and vertical geometry, typical section alternatives, drainage and pond locations, signing and pavement markings, signalization, traffic control plans, utility coordination, SUE, and public involvement.

US 19, Zones 06 and 08 Fiber Optic Extension | Hernando County, FL

Project Manager and Chief Engineer for the design of 1/3 mile of Fiber Optic cable along Spring Hill Drive. This project also provided for the upgrade of six existing signalized intersections from dial-up master-slave configuration using multi-mode fiber to single mode fiber and TCIP compliance.

Elgin Boulevard Fiber Optic Extension | Hernando County, FL

Project Manager and Chief Engineer for the design of 1.5 miles of fiber optic cable communications along Elgin Boulevard, connecting three isolated traffic signals. This design included providing communications hardware to facilitate both legacy communications and future TCIP implementation.

US 19 from CR 578 to South of Toucan Trail | Hernando County, FL

Project Manager and QC Reviewer for design for new lighting from CR 578 to Spring Hill Drive as well as adjustments to the existing lighting from Spring Hill Drive to south of Toucan Trail. Replaced existing lighting due to roadway widening and regrading. Performed a Lighting Analysis Report from CR 578 to Spring Hill Drive. Also responsible for design of signing and pavement marking plans.

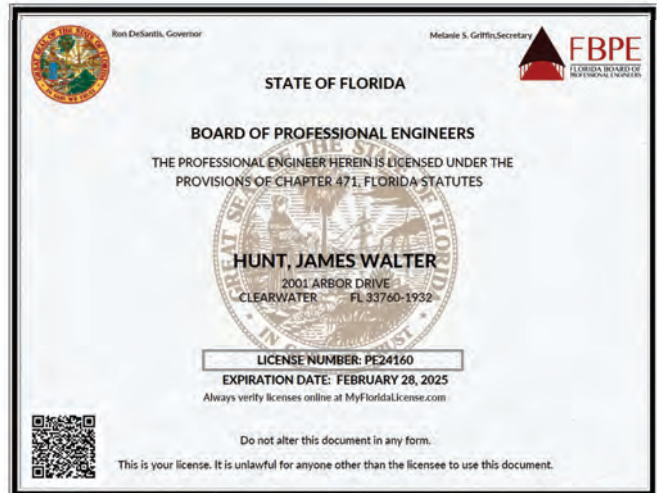
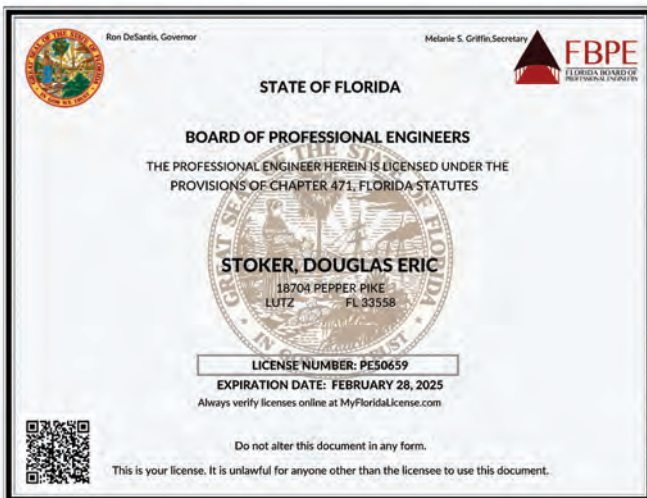
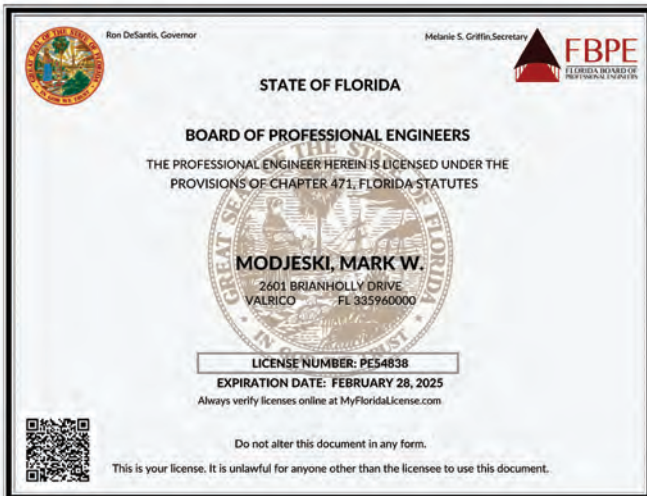
Calienta Street Stormwater and Roadway Improvements | Hernando County, FL

Traffic Engineer. This project includes a Preliminary Engineering Report (PER) and evaluation of alternatives for Calienta Street and Petit Lane, Petit Lane and Shoal Line Drive new intersection, and improvements to the Shoal Line Drive and Calienta Street intersection. The objective of the project is to improve safety, traffic circulation, pedestrian facility, and stormwater collection and conveyance systems.

Sunshine Grove Road at Jacqueline Road Intersection Improvements | Hernando County, FL

Project Engineer to evaluate features based on plans provided and revise the design of the Sunshine Grove at Jacqueline Road intersection improvements. Changes to the design consist of sidewalk design, S&PM, revise drainage design, temporary construction easement area, and updated quantities.

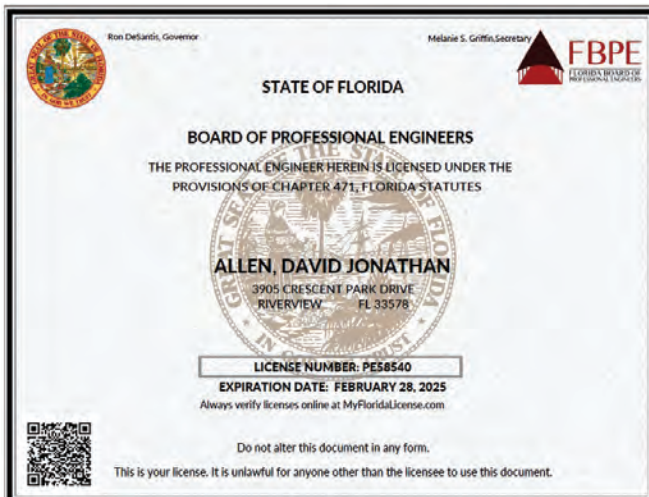
8.1 Vendor/Contractor's License



Name: **KLINE, CHRISTIAN DAVID (Primary Name)**
 Main Address: **1910 E PALM AVE
 APT 8309
 TAMPA Florida 33605**
 County: **HILL SBOROUGH**

License Information

License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **87433**
 Status: **Current,Active**
 Licensure Date: **06/01/2019**
 Expires: **02/28/2025**



Ron DeSantis, Governor
Melanie S. Griffin, Secretary

STATE OF FLORIDA

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YAM, JASON Y.
380 PARK PLACE BLVD
SUITE 300
CLEARWATER FL 33759

LICENSE NUMBER: PE62449
EXPIRATION DATE: FEBRUARY 28, 2025
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Name: MAHER, MATTHEW R. (Primary Name)
Main Address: 365 W PASSAIC STREET
ROCHELLE PARK New Jersey 07662
County: OUT OF STATE

License Location: 72 MAPLEDALE AVENUE
SUCCASUNNA NJ 07876
County: OUT OF STATE

License Information

License Type: Professional Engineer
Rank: Prof Engineer
License Number: 79833
Status: Current,Active
Licensure Date: 09/03/2015
Expires: 02/28/2025

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RUNKLE, JEREMY FIORE
380 PARK PLACE BOULEVARD
SUITE 300
CLEARWATER FL 33759

LICENSE NUMBER: PE79855
EXPIRATION DATE: FEBRUARY 28, 2025
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Name: BENITEZ, CHRISTOPHER (Primary Name)
Main Address: 18530 SW 97TH PLACE
CUTLER BAY Florida 33157
County: DADE

License Information

License Type: Professional Engineer
Rank: Prof Engineer
License Number: 74035
Status: Current,Active
Licensure Date: 01/12/2012
Expires: 02/28/2025

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AGOADO, KATHLEEN SIGNORE
2705 NORTH RIDGE DR E
CLEARWATER FL 33763

LICENSE NUMBER: PE81334
EXPIRATION DATE: FEBRUARY 28, 2025
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Name: CRIM, MATTHEW R. (Primary Name)
Main Address: 4572 HYACINTH DRIVE
MASON Ohio 45040
County: OUT OF STATE

License Information

License Type: Professional Engineer
Rank: Prof Engineer
License Number: 68297
Status: Current,Active
Licensure Date: 07/25/2008
Expires: 02/28/2025

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Melanie S. Griffin, Secretary

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BERGERON, ANANDA MARIE
736 69TH AVE S
SAINT PETERSBURG FL 33705

LICENSE NUMBER: PE65632
EXPIRATION DATE: FEBRUARY 28, 2025
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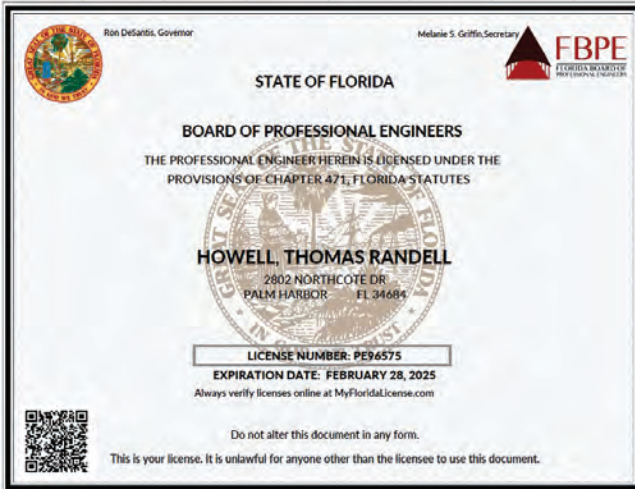
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GAMACHE, CHRISTOPHER PAUL
8343 CAMBRIA CT
NEW PORT RICHEY FL 34653

LICENSE NUMBER: PE82122
EXPIRATION DATE: FEBRUARY 28, 2025
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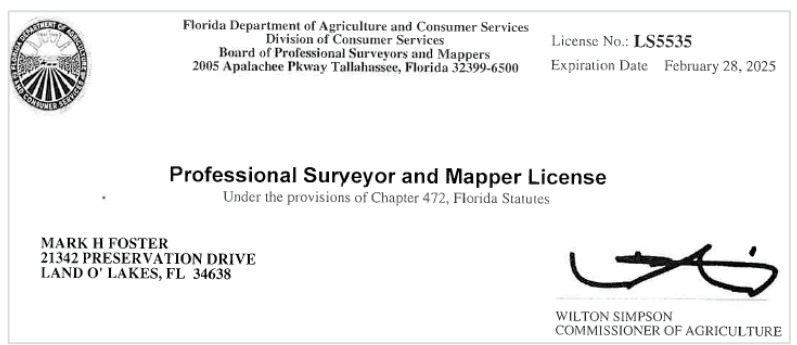
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HOWELL, THOMAS RANDELL
2802 NORTHCOTE DR
PALM HARBOR, FL 34684

LICENSE NUMBER: PE96575
EXPIRATION DATE: FEBRUARY 28, 2025
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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

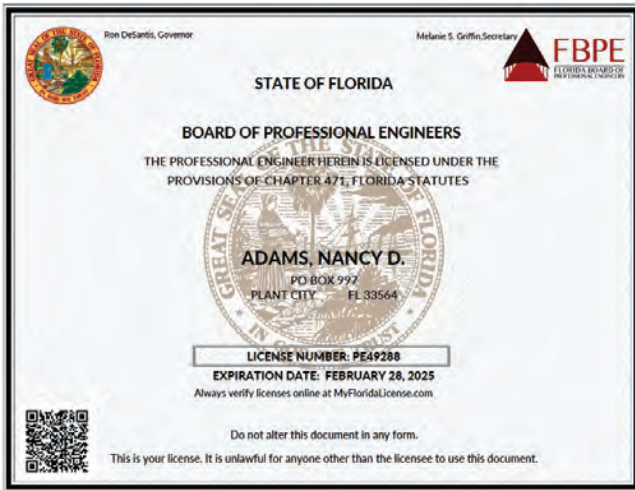
License No.: **LS5535**
Expiration Date February 28, 2025

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

MARK H FOSTER
21342 PRESERVATION DRIVE
LAND O' LAKES, FL 34638



WILTON SIMPSON
COMMISSIONER OF AGRICULTURE



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Melanie S. Griffin, Secretary
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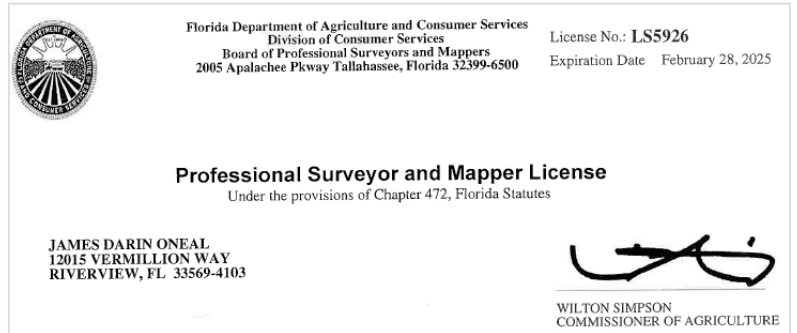
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ADAMS, NANCY D.
PO BOX 997
PLANT CITY, FL 33564

LICENSE NUMBER: PE49288
EXPIRATION DATE: FEBRUARY 28, 2025
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Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

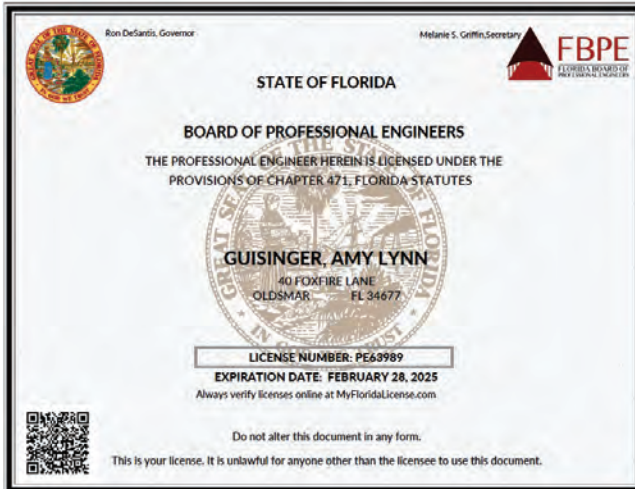
License No.: **LS5926**
Expiration Date February 28, 2025

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

JAMES DARIN ONEAL
12015 VERMILLION WAY
RIVERVIEW, FL 33569-4103



WILTON SIMPSON
COMMISSIONER OF AGRICULTURE



Ron DeSantis, Governor
Melanie S. Griffin, Secretary
FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

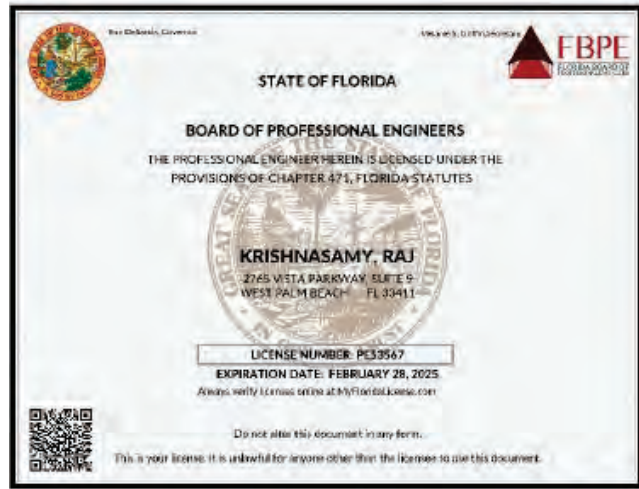
STATE OF FLORIDA

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GUIISINGER, AMY LYNN
40 FOXFIRE LANE
OLDSMAR, FL 34677

LICENSE NUMBER: PE60989
EXPIRATION DATE: FEBRUARY 28, 2025
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KRISHNASAMY, RAJ
2765 VISTA PARKWAY, SUITE 9
WEST PALM BEACH, FL 33411

LICENSE NUMBER: PE32567
EXPIRATION DATE: FEBRUARY 28, 2025
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CORPORATE AFFIDAVIT

(To be filled in and executed if the Vendor/Contractor is a Corporation)

STATE OF FLORIDA]

COUNTY OF HERNANDO]

Douglas Stoker being duly sworn, deposes and says that he is ^{senior principal} ~~secretary~~ of

Stantec Consulting Services, Inc., a corporation organized and existing under and by

virtues of the laws of the State of Florida, and having its principal office at:

410 17th Street, Suite 1400, Denver, CO 80202 (Address of Corporation) (Address)

Affiant further says that he is familiar with the records, minute books and bylaws of

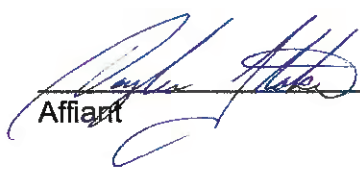
Stantec Consulting Services, Inc. (Name of Corporation) of the

Submission, Corporate Affidavit, Agreement, and all
corporation, is duly authorized to sign relevant exhibits (Title)

the Bid for 23-RFQ00414/CR for said corporation by virtues of:

the attached Officer's Certificate and Corporate Resolution

(State whether a provision of bylaws or a Resolution of the Board of Directors. If by Resolution, give date of adoption).



Affiant

Sworn to before me this 7th day of November, 2023.





Notary Public

This document should be completed and returned with your submittal.

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, 2023**, 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.

Doug Stoker is a **Senior Principal** of the Corporation, and in that capacity is duly authorized to sign the Submission, Corporate Affidavit, Agreement, and all relevant exhibits, between the County of Hernando, Florida and Stantec Consulting Services Inc., in accordance with the Corporation's Signing Authority Policy in connection with the following project:

Request for Qualifications, Proposals, or Construction (Includes 2 Step Bid)
23-RFQ00422/AP
Continuing Professional Engineering Services

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Corporation, this 29th day of September, 2023.



Michael Aceto, Corporate Counsel



Corporate Seal

RESOLUTIONS OF THE DIRECTORS OF
STANTEC CONSULTING SERVICES INC.

PASSED AND ADOPTED BY THE DIRECTORS
THIS 1ST DAY OF APRIL, 2023

The undersigned, being all the directors of Stantec Consulting Services Inc. (the "**Corporation**"), hereby consent to the adoption of the following resolutions in lieu of holding a regular Board of Directors' meeting.

WHEREAS, from time to time the Corporation is required to provide evidence that certain individual employees have been authorized and empowered by the Board to sign contracts or proposals on behalf of the Corporation; and

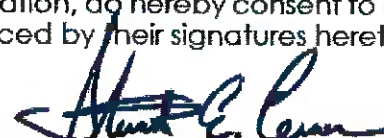
WHEREAS, the Corporation and its affiliated companies have developed, published and operate utilizing the Signing Authority Policy, as modified and amended from time to time, of Stantec Inc., which includes authority to sign contracts and proposals on behalf of the Corporation.

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.; and
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.

This action may be signed in one or more counterparts, each of which shall be deemed an original and all of which shall constitute one instrument. Each director may execute this resolution in electronic format, either by facsimile or portable document format (PDF) and delivery of such executed document shall be proof of execution by the director thereto. This action shall be filed with the minutes of the proceedings of the Board of Directors and shall be effective as of the date set forth above.

THE UNDERSIGNED, being all of the directors of the Corporation entitled to attend and vote at a meeting of the directors of the Corporation, do hereby consent to and approve of the foregoing resolutions in writing as evidenced by their signatures hereto on the day and year first above written.



STUART E. LERNER



JEFFREY P. STONE

Project Team

Stantec's project team combines deep, local knowledge and ready resources with award-winning expertise and best practices. Our broad-based knowledge of Hernando County along with our highly skilled disciplinary experts and the right management team will deliver successful results on time and within budget.

Our experience enables us to anticipate possible problem areas and dedicate necessary resources where needed. Our project managers are experienced in public and stakeholder coordination, contract administration, task staffing and scheduling, budget management, quality control/assurance including peer reviews, decision-making coordination, and timely status reporting and programmatic adjustments.

Key Staff Involvement in Project Management and On-Site Presence

Any projects issued under this contract will be led by Project Manager Mark Modjeski, PE, IMSA II, from our Riverview office. He will work with you to understand and articulate expectations, to provide adequate contingencies in both project budgets and scheduling, and to establish critical milestones and decision-making strategies. Mark will coordinate key and support staff, and we will work as an integrated team to effectively manage and deliver your projects.

Our team will be on-site as needed for kick-off through the construction phase and project close-out. A project specific Safety Plan is developed for each project and all personnel performing work on the project site are required to review, acknowledge, and participate in the implementation of the plan for the safety of everyone involved.

PROJECT MANAGER

Mark Modjeski, PE, IMSA II

727.423.8007

mark.modjeski@stantec.com

3905 Crescent Park Drive
Riverview, FL 33578

PRINCIPAL-in-CHARGE

Doug Stoker, PE

727.431.1550

douglas.stoker@stantec.com

380 Park Place Blvd., Suite 300
Clearwater, FL 33759



Mark Modjeski PE, IMSA II

Project Manager

727.423.8007

mark.modjeski@stantec.com

Years of Experience: 36

Licenses: Professional Engineer FL #54838;
IMSA Traffic Signal Technician II, No. BB21381;
IMSA Traffic Signal Electrician II, No. BE21381

Education: BS, Chemical Engineering

Mark will serve as Project Manager and Chief Engineer. He has 36 years of experience and serves as Senior Principal of Stantec's Traffic Operations Group. Mark oversees Stantec's Traffic Operations and Design efforts. His experience includes transportation planning, access management, traffic impact analysis, operational and safety studies, traffic signal, lighting, signing, pavement marking, ITS, and ATMS design. Prior to coming on board with Stantec, he served as a project manager and bid specialist with a local signalization, highway lighting and signing contractor. He holds IMSA Level II certifications as both a traffic signal technician and traffic signal electrician.



Doug Stoker PE

Principal-in-Charge / QA Manager

727.431.1550

douglas.stoker@stantec.com

Years of Experience: 30

Licenses: Professional Engineer FL #50659

Education: ME, Civil Engineering; BS, Civil
Engineering, University of Florida

Doug has 30 years of infrastructure, engineering, and project management experience. He has extensive experience in all aspects of surface transportation analysis and design, including a long history of bridge and structures design as well as project management on conventional and design-build projects. He worked with FDOT Central Office to develop a quality assurance review process that was used to audit consultants and district offices and has served as QA Manager for all transportation design efforts for nearly a decade.



Jim Hunt PE
Quality Control
727.431.1593
james.hunt@stantec.com

Years of Experience: 49
Licenses: Professional Engineer FL #24160
Education: BS, Civil Engineering, Clarkson College of Technology

Jim is a senior-level Project Manager and Roadway Engineer with varied experience in the planning, design, construction, and management of highway and civil projects for FDOT and municipal clients. Included in his experience are surveys, preliminary engineering studies, design, CEI and construction management, value engineering studies, quality control reviews, and various general consultant services.



Christian Kline PE
Traffic Operations Analysis & Review
Task Manager
813.223.9500
christian.kline@stantec.com

Years of Experience: 9
Licenses: Professional Engineer FL #87433
Education: BS, Civil Engineering, University of Florida

Christian is a Traffic Planner and Transportation Engineer with 9 years of experience. Christian is a detail-oriented engineer, and due to his experience in urban planning, his approach is strategic and enhances the communities it brings to bear. His technical experience includes arterial and intersection level-of-service analyses, ICE analyses, signal timing optimization, signal warrant analyses, pedestrian warrant analyses, corridor studies, traffic impact analyses, micro and macro traffic modeling, long-range transportation planning/modeling, access management, traffic calming measures, roadway design, signing and pavement marking, multiuse trails, and complete streets. He has computer experience with AutoCAD, CUBE, FSUTMS, Synchro / SimTraffic, HCS, and SIDRA.



David Allen PE
Traffic Signalization, S&PM, ITS Task
Manager
813.257.0005
david.allen@stantec.com

Years of Experience: 26
Licenses: Professional Engineer FL #58540
Education: BS, Civil Engineering; MS, Transportation Engineering

David is a Senior Traffic Engineer with 26 years of experience. He is proficient in developing signalization designs, signing and pavement markings design, lighting analysis and design, ATMS and performing signal retiming/coordination. During the design phase, David coordinates with the maintaining agencies for the latest standards and specifications and power companies for services for lighting and signals. Along with design, he has provided peer review of Signal and Lighting Plans and Traffic Studies. Mr. Allen has also developed designs to accommodate requested client needs to make immediate improvements which includes lighting and signal issues. He has computer program experience with MicroStation, AutoCAD, Synchro, and the lighting analysis software Visual.



Chris Benitez PE, PTOE, RSP
Traffic Safety Task Manager
305.445.2900
chris.benitez@stantec.com

Years of Experience: 17
Licenses: Professional Engineer FL #74035, Road Safety Professional #323, Professional Traffic Operations Engineer #4286
Education: BS, Civil Engineering, Florida International University

Chris has 17 years of experience as a transportation engineer working on several types of projects including multimodal/complete street projects, Project Development & Environment (PD&E) Studies, traffic, and safety engineering, Efficient Transportation Decision Making (ETDM) activities, interchange, expressway, and corridor planning and design, transit planning, public involvement, training, and presentations, and managing task order/on-call contracts.



Jason Yam PE
 Roadway Design / MOT Task Manager
 727.531.3505
 jason.yam@stantec.com

Years of Experience: 22
Licenses: Professional Engineer FL #62449; FDOT Maintenance of Traffic
Education: BS, Civil Engineering, Florida State University

Mr. Yam has considerable experience in project management for FDOT and local government roadway design projects. Most of his career has been spent serving as project engineer or project manager for roadway projects ranging from small rural to large interstate systems. He is extremely knowledgeable in the preparation of roadway plans, S&PM, and maintenance of traffic plans. Mr. Yam is very experienced with FDOT and Florida Greenbook standards and requirements.



Ananda Bergeron PE, ENV SP
 Structures Task Manager
 727.531.3505
 ananda.bergeron@stantec.com

Years of Experience: 22
Licenses: Professional Engineer FL #65632; Envision Sustainability Professional #34498
Education: ME, Civil Engineering; BS, Civil Engineering, University of Florida

Ananda has extensive experience in structural engineering. Her vast experience with FDOT bridge design includes the design of continuous steel girder bridges, prestressed concrete girder bridges, and cast-in-place concrete bridges for multilevel interchanges, grade-separation interchanges, and coastal and riverine water crossings. She also has experience with miscellaneous structures design, bridge rehabilitation, and existing bridge load ratings. Her miscellaneous structures design experience includes retaining walls, box culverts, signal structures, and bridge fender systems. In Ananda's consultant experience she has served several municipal clients including Hernando, Pinellas, Collier, and Manatee Counties, and all districts of the FDOT.



Mark Foster PSM
 Survey & Mapping / SUE Task Manager
 813.927.1675
 mark.foster@stantec.com

Years of Experience: 38
Licenses: Professional Land Surveyor FL #5535
Education: Coursework, University of Florida

Mark has served in various surveying roles throughout his career including survey party chief, survey technician, field crew supervisor, project surveyor, and survey project manager. His current responsibilities as a Senior Project Manager and Principal include client coordination, preparation of proposals, management of projects, supervision of field and office personnel, and preparation of survey maps and reports.

Meet Our Teaming Partners



Tierra South Florida, Inc. d/b/a TSFGEO, is a full-service consulting Geotechnical Engineering, Construction Materials Testing, and Inspections firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and MicroStation plan sheets, laboratory soils testing, and construction engineering inspection services. Our professional team is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. Our services also include threshold/special inspection and roofing inspection services. TSFGEO is a certified Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation and a certified Small Business Enterprise (SBE)



Amy Guisinger PE
Geotechnical Engineering Task
Manager
813.993.0093
aguisinger@tsfgeo.com

Years of Experience: 22

Licenses: Professional Engineering FL #63989

Education: MS, Civil Engineering, University of Florida; BS, Civil Engineering, University of Florida

Amy Guisinger, P.E., is a Florida-Registered Professional Engineer with 22 years of experience in geotechnical engineering, materials testing, and inspection services. Amy specializes in shallow and deep foundation analyses, retaining wall and soil anchor system design, settlement and slope stability analyses, and pavement evaluation for roadways, bridges, retaining walls, retention ponds, and ground settlement projects. Her experience in the commercial and government sector includes single-story to multi-story residential buildings, parking garages, districtwide or continuing service contracts, conventional design projects, and design-build projects.



Adams Traffic (AT) has provided traffic data collection services in Florida for over 22 years. AT serves as the traffic data collection subconsultant on numerous FDOT districtwide contracts including traffic and safety studies, statistics annual counts, signal retiming, and PD&E studies. Data is collected by experienced staff utilizing high quality equipment including 65 machine traffic counters, 30 video camera systems, and 30 turning movement count boards. AT staff are both knowledgeable of data collection standards and committed to accurate traffic counts on schedule. All counts are reviewed by a professional engineer before submittal to the client.



Nancy Adams PE
Data Collection Task Manager
813.763.7763
nadams@adamstraffic.com

Years of Experience: 33

Licenses: Professional Engineering FL #49288

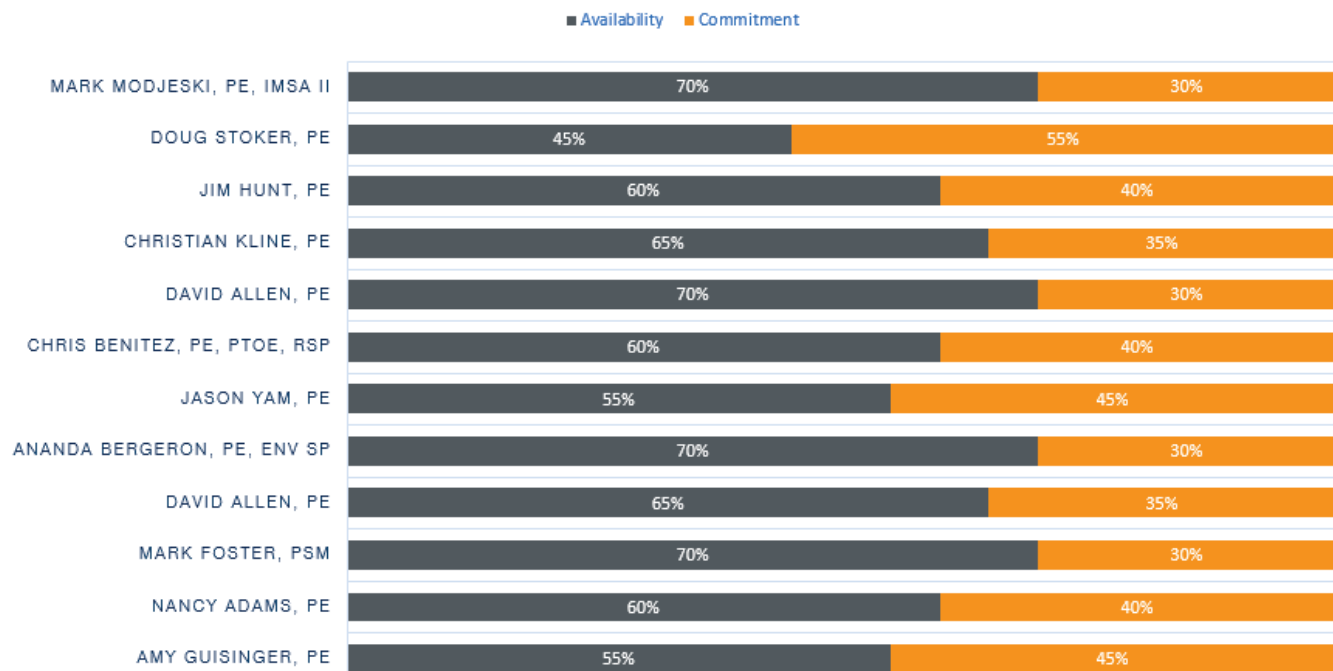
Education: BSA, Civil Engineering, University of South Florida

Nancy Adams has 33 years of transportation and traffic engineering experience. She has been responsible for hundreds of FDOT traffic data collection assignments and thousands of counts as part of planning, design, and traffic operations contracts with Districts One, Five, and Seven. Ms. Adams provides hands-on service and is personally involved in the scheduling, data collection, quality review, and submittal of each assignment.

Time Commitment of Key Staff

Winning work and securing future opportunities is important to a successful business, but to do so without having the ability to properly serve the client due to workload issues is an all-too-common mistake. Stantec utilizes internal project tracking tools, allowing our project managers to get a daily update on project status as well as projecting future workload to ensure adequate staffing levels. Stantec has determined after careful review of current and future workload that we have adequate staff availability over the next five plus years. Our key staff's availability to assign to this contract can be seen in the table below.

KEY PERSONNEL AVAILABILITY



Experience on projects as a team

The chart below depicts our team members' shared experience with the scope items under this contract.

	Data Collection	Traffic Operational and Safety Studies	Traffic Impact and Access Management Studies	Coordinated Traffic Signal Timing	Utility Coordination	Intersection Improvements	Signing and Pavement Marking	Traffic Signalization	Lighting	Fiber Optic and ITS Design	Traffic Calming	Temporary Traffic Control Plans	Structures Review and Assessment	Public Awareness
Mark Modjeski, PE, IMSA II	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆
Doug Stoker, PE	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Jim Hunt, PE	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Christian Kline, PE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				
David Allen, PE	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆			◆
Howard Holley, IMSA II	◆				◆	◆	◆	◆	◆					◆
Chris Benitez, PE, PTOE, RSP	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◆
Matt Maher, PE, PTOE, RSP	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆
Matt Crim, PE, PTOE		◆	◆	◆	◆	◆	◆	◆	◆		◆			◆
Wayne Ponder	◆	◆	◆			◆				◆				
Jason Yam, PE			◆	◆	◆	◆				◆	◆			◆
Jeremy Runkle, PE			◆	◆	◆	◆				◆	◆			◆
Katie Agoado, PE			◆	◆	◆	◆				◆	◆			◆
Ananda Bergeron, PE, ENV SP				◆		◆	◆			◆	◆	◆	◆	◆
Chris Gamache, PE, QBI				◆		◆	◆			◆	◆	◆	◆	◆
Thomas Howell, PE				◆		◆	◆			◆	◆	◆	◆	◆

Firm/Team Capabilities

Stantec, a recognized engineering industry leader, offers a staff of professional engineers and planners who have the necessary expertise in all areas to provide the Continuing Traffic Engineering Services needed by Hernando County. Stantec has been providing award-winning traffic engineering services to the Tampa Bay area and west central Florida for over three decades. Stantec's extensive experience encompasses all necessary services including signal warrant analyses, signalization, signing and marking, lighting, safety analysis, data collection and other related specialties.

Stantec's award-winning experience and capabilities should be apparent in this proposal. However, selection of an engineer should be based on more than just technical expertise. Hernando County needs an engineer who can share in the community vision and take pride in our work together. Stantec has shown its strong commitment to Hernando County by providing a project manager (Mark Modjeski) who has worked in the County and is extremely familiar with the County's requirements. Stantec will continue to provide innovative, comprehensive, cost-effective engineering solutions to meet the needs of Hernando County.

Experience with Similar Projects: Stantec's extensive traffic engineering experience throughout the State and Hernando County is an asset and can be counted on for this contract. Stantec has completed many transportation projects for numerous cities, counties and the Florida Department of Transportation. We have completed projects in Hernando County which include Fiber Extensions projects for Zones 3, 6 and 8, School Zone signage, CR 578, SR 50 and Elgin Boulevard widening. All of these local projects required Stantec's expertise in traffic engineering as well as design. We have a strong understanding of Hernando County and have the internal staff to complete any project. What this means is that the County will have no learning curves with Stantec. We know what is required to get the job done.

Local Familiarity and Location: Stantec has performed similar services on several projects within Hernando County. We have a strong understanding of Hernando County and have the resources to complete your projects on schedule.



Multidiscipline Resources: Stantec is prequalified by the FDOT to perform 36 categories of transportation-related engineering services for any Hernando County-owned roadway regardless of size. Qualifications also include roadway, structures, signing and marking plans and construction engineering inspections. Stantec's specialized services include Subsurface Utility Engineering (SUE); Ground Penetrating Radar (GPR); Traffic and Access Management; and Environmental Services.

Quality Assurance: Stantec received the AASHTO Quality Award for our attention to detail and quality control. Stantec is a Total Quality Management Firm that has been in motion for over 34 years. Stantec has developed procedures and processes to assist design and management staff to perform and monitor progress at every step during the deliverables process. As a result we have one of the highest success records in the Florida Insurance Industry represented by Aon Risk Services southwest, Inc. What impact does this have on the County? Our professional liability premiums are lower resulting in lower costs for the County.

Stantec focuses on building solid client relationships between our team and your staff, Council, and stakeholders.

Our Services

The services, which may be required, are diverse and multi-disciplinary. Stantec's team has been developed to respond to the full range of responsibilities outlined in the RFQ. The Stantec project manager is experienced in coordinating team efforts to meet the challenge that a constant flow of work efforts will provide. The Stantec Team is committed to providing Hernando County with quality staff, experienced and knowledgeable in all areas of proposed work.

Stantec's transportation planning, traffic operations, structures, SUE and roadway groups within the Infrastructure Division are staffed with professionals able to provide the County with the necessary expertise required for this contract. We have been providing these services for three decades. We have teamed with Adams Traffic, Inc., a FDOT DBE, to supplement our data collection activities and Tierra South Florida, a WBE/DBE firm for geotechnical services. Together, we have the staffing and experience to conduct the following:

- Roadway Design
- Traffic signal, Signing and Marking Design and Review
- ITS and ATMS Design
- ITS and Signalization CEI
- Data Collection
- Traffic Impact Analysis and Review
- Road Safety Audits
- Crash Analysis
- Roadway Network Modeling (SYNCHRO)
- Level of Service Analysis, (HCS+, Q/LOS)
- DRI Sufficiency Review and Analysis
- Transportation Modeling (FSUTMS/Cube)
- Trip Generation
- Roundabout design
- MOT plans
- Structures Design
- Geotechnical Exploration
- Subsurface Utility Investigation

Stantec's traffic operations group has many years of experience with Hernando County's traffic engineering needs having worked closely in the past with Scott Herring, Gerald O'Dell, Mike Ullven, and the rest of their team. From traffic signal and ITS/ATMS design to safety studies, our team can provide the services the County needs.

Stantec personnel will assist the County staff, and in coordination with the FDOT and Hernando County municipalities, discuss ITS issues, strategies,

technologies, etc. to provide an integrated system to benefit all users.

Our traffic operations group is the premier provider of Road Safety Audits (RSA), having contracts with Districts Seven, Three and One, along with several counties and municipalities. We have performed seven RSAs within Hernando County and over 100 throughout the counties of just District Seven alone. Not only do we recognize design flaws, but during the necessary field reviews we also 'see' operational and driver decisions that may create additional safety concerns that may not have been the original issue. As safety experts, we have a thorough understanding of the MUTCD and are fully capable to also provide support to the County's Residential Traffic Control Program.

Stantec also has in-house engineering professionals to accommodate all other support disciplines such as roadway, drainage, and structural design. We are geared towards preparing a quality set of biddable construction documents regardless of the job size. With our in-house roadway group, Stantec can provide services in traffic calming and roadway improvements. Examples include designing roundabouts, adding turn lanes, and updating curb ramps to the latest ADA standards. Staffed with a fully functioning structural engineering staff, Stantec can provide services from annual bridge condition evaluations, replacement and rehabilitation assessment, bridge design, to signage/signal pole and mast arm foundation design. In addition, our in-house Utilities Division can quickly mobilize to "clear" a proposed mast arm foundation (by use of non-destructive Subsurface Utility Engineering) for a proposed or upgraded traffic signal during the design phase to ensure a constructible set of plans. Stantec has over 20 engineering professionals who are fluent in AutoCAD. We have the ability to deliver projects using AutoCAD versions 2021 and 2022.

Our planning group has the staffing resources and depth of expertise to handle all aspects of planning activities required under this contract. Not only has our staff prepared DRIs, but have also served as an extension of County staff by reviewing traffic impact studies prepared by others. We fully understand the broad spectrum of traffic impact analysis, from large scale DRIs using the regional model to small scale traffic impact analysis using the gravity method to distribute traffic.

Transportation Engineering

Transportation is one of Stantec's primary service sectors. Today's transportation planning and engineering challenges include vehicular traffic, pedestrians, bicyclists, golf carts, scooters, buses, and rail, as well as airports and ports. Stantec's experienced highway and traffic engineers and planners help clients meet the challenges of transportation planning. We stay up to date on the latest developments, technology, environmental issues, economic considerations, and federal, state, and local regulations. We also have in-depth experience with feasibility studies for all types of transportation improvements.

Stantec's transportation experts develop creative solutions to meet your specific project goals. We offer a full range of services, from concept planning through review, environmental studies through final design, and development of construction plans/specifications to engineering support during construction.

Data Collection and Analysis

Our comprehensive investigative approach involves collecting a variety of data, such as 24-hour approach volume, turning counts, existing signal equipment inventory, intersection geometry, signal timings, controller settings, crash reports and current driving patterns. Once data is collected, we perform a detailed analysis and offer recommendations for design solutions. In addition, to achieve maximum effectiveness in our design solutions, Stantec takes full advantage of the latest software programs such as SYNCHRO, HCS, SINDRA, VISUAL, and Mathcad.

This combination of investigation and technology allows us to offer complete design solutions, including:

- Compiling traffic reports containing traffic signal warrant analysis, crash analysis, delay and speed studies, intersection analyses and origin / destination studies.
- Providing meaningful traffic report findings and recommendations for use in planning, design and construction for roadways, signalization, signing, pavement marking and roadway lighting.
- Preparing design and construction plans for signalization of individual intersections and groups of interconnected intersections.
- Designing steel, cantilevered mast arms or span wire assemblies supported by concrete or steel strain poles.

- Establishing signing and pavement marking criteria for safety and efficiency of vehicle and pedestrian traffic.
- Investigating roadway lighting requirements and producing designs to provide sufficient lighting to provide safety to night-time drivers and pedestrians.
- Developing traffic signal timing plans to deliver optimal throughput and progression on major thoroughfares during peak and off-peak times with minimum side-street delay.

Advanced Transportation Management Systems

As our existing roadways become more congested and expansion is not feasible due to the high cost of right-of-way, we are challenged with investing in alternate engineering techniques to maximize the capacity of our existing roadways. Stantec's staff has the technical expertise to integrate ITS/ATMS technology to provide its clients a robust traffic management system. We have proven experience in developing traffic management systems with the ability to collect and analyze real-time data used to assess the cause of congestion and expedite the appropriate measures of response as well as post roadway advisory information. Whether it's vehicle detector sites, closed circuit television surveillance, dynamic message signing or highway advisory radio, Stantec can design a seamless, user-friendly environment to manage and promote the safe and efficient transportation of goods, services and people.

Our ITS/ATMS professionals are adept at designing state-of-the-art advanced traffic management systems. While maintaining budgetary constraints, Stantec can conduct an inventory of existing infrastructure and legacy systems. Our cost-effective solutions ensure the maximum return on our clients' investment.

Our integration specialists have the experience to incorporate and troubleshoot the wide range of ITS/ATMS product lines and market packages necessary to develop a strongly constructed ITS/ATMS system.

Our complete Intelligent Transportation Services include:

- Advanced Traffic Management System Design
- Alternative Vehicle Detection Technologies
- Closed-Circuit Television Video Surveillance
- Dynamic Message Signing
- Fiber Optic Routing Plans
- ITS Support Structures Design

Road Safety Audits

With over 43,000 fatalities and approximately 3 million injuries occurring on our nation's highways each year, roadway safety remains one of the most challenging issues facing America. Stantec's transportation engineers and safety professionals are dedicated to reducing these fatalities and serious injuries and have embraced the national strategic goal of working toward zero deaths. Road Safety Audits (RSAs) have been championed by the Federal Highway Administration as an effective tool in improving the safety performance of transportation facilities. Stantec was among the first firms to practice Road Safety Audits in Florida. For nearly a decade, Stantec has performed RSAs on state and local government roadways.

Stantec engineers have organized and led well over a hundred formal Road Safety Audits and less formal Road Safety Assessments (SARs). We work in partnership with the maintaining agency to develop an effective RSA or SAR plan. We then perform crash analyses, conduct preliminary site assessments, assemble multi-disciplinary RSA/SAR teams, lead field reviews, facilitate the development safety improvement recommendations and document the RSA findings for the maintaining agency. Our experienced transportation engineers can then develop conceptual improvement plans for the agency or even detailed design plans for safety improvement projects.

We have found that successful Road Safety Audit programs require the full commitment and support from the leadership of the transportation agency. Stantec understands the challenges safety program managers face in garnering that commitment and support and we know how to facilitate collaboration to ensure buy-in at all levels. At the functional level, successful RSA programs require competent crash data analysis; involvement of multi-disciplinary teams comprised of individuals well versed in traffic operations, highway design, transit operations, pedestrian and bicycle safety, law enforcement, emergency response and human factors; and a seasoned RSA team leader to encourage meaningful contributions from all participants. Finally, as a results-oriented firm, Stantec can assist agencies with safety countermeasure development, implementation and evaluation through "before and after" crash reduction assessments.

Traffic Calming



Stantec is aware that excessive vehicular traffic and speeding are two of the most common residential traffic complaints. To help alleviate these neighborhood problems and frustrations, Stantec can provide solutions by upgrading and improving traffic handling capabilities of nearby roadways. Our various traffic calming techniques all share the goal of reducing vehicle speeds, improving safety and enhancing quality of life.

Stantec has been providing traffic calming services for more than a decade and has established itself as a leader in this area. We have conducted more than 100 community meetings dealing with speeding and excessive traffic volume.

Our traffic calming measures provide the necessary solutions to neighborhood complaints by:

- Encouraging citizen involvement in the process
- Reducing vehicular speeds
- Promoting safe and comfortable conditions for all road users including motorists, pedestrians and bicyclists
- Discouraging the use of residential streets by cut-through traffic
- Improving the environment and livability of neighborhood streets

Stantec's traffic calming techniques are tailored to each neighborhood. Our planning and design of these measures is based on the needs and wants of the local residents. Such devices include:

- Speed humps
- Traffic circles and roundabouts
- Brick streets
- Chicanes or curb extensions
- Barrier diverters
- Lane closures

Stantec provides the following technical services:

- Speed and volume counts
- Solutions for local roads and neighborhood collector roads
- Hearing master services by licensed engineers
- Traffic calming design
- Safety audits

Surveying / Geospatial / Geotechnical

On, above, and below the earth's surface— Stantec provides surveying and mapping to define land boundaries, the earth's physical features, and the built environment. Armed with tools like GPS, GIS, 3D laser scanners, and aerial photogrammetry, we deliver innovative solutions for remote and challenging environments or complex urban settings. Our projects are as broad as the places we work including residential, industrial, highway, rail, aviation, utility and power, environmental, oil and gas, federal, and institutional.

Geospatial is the science of collection, analysis, display, and management of spatial information. The art is interpreting this information for legal matters of land definition or to support mapping, design, or construction activities. Addressing unique logistical and technical aspects of each project, our experts offer services that include boundary and cadastral surveys, topographic mapping, construction staking, residential builder layout, ALTA/ACSM surveys, 3D laser scanning, geodetic and control surveys, route surveys, as-built surveys, aerial photogrammetric mapping, water rights surveys, hydrographic/bathymetric mapping, and subsurface utility engineering.

Workload

Our key staff dedicated to this contract is located in our Riverview office, fully supported from personnel located throughout Hillsborough and Pinellas Counties. We are fully committed to meeting your projects' requirements from start to finish.

Our available resources allow us to maintain schedules with no gaps in labor commitment. All staff members will be available upon notice to proceed and will be committed to these projects for the contract's duration.

Stantec offers the largest combination of pertinent resources available with the depth of personnel to effectively service the County's needs under this contract in a timely and cost-effective manner.

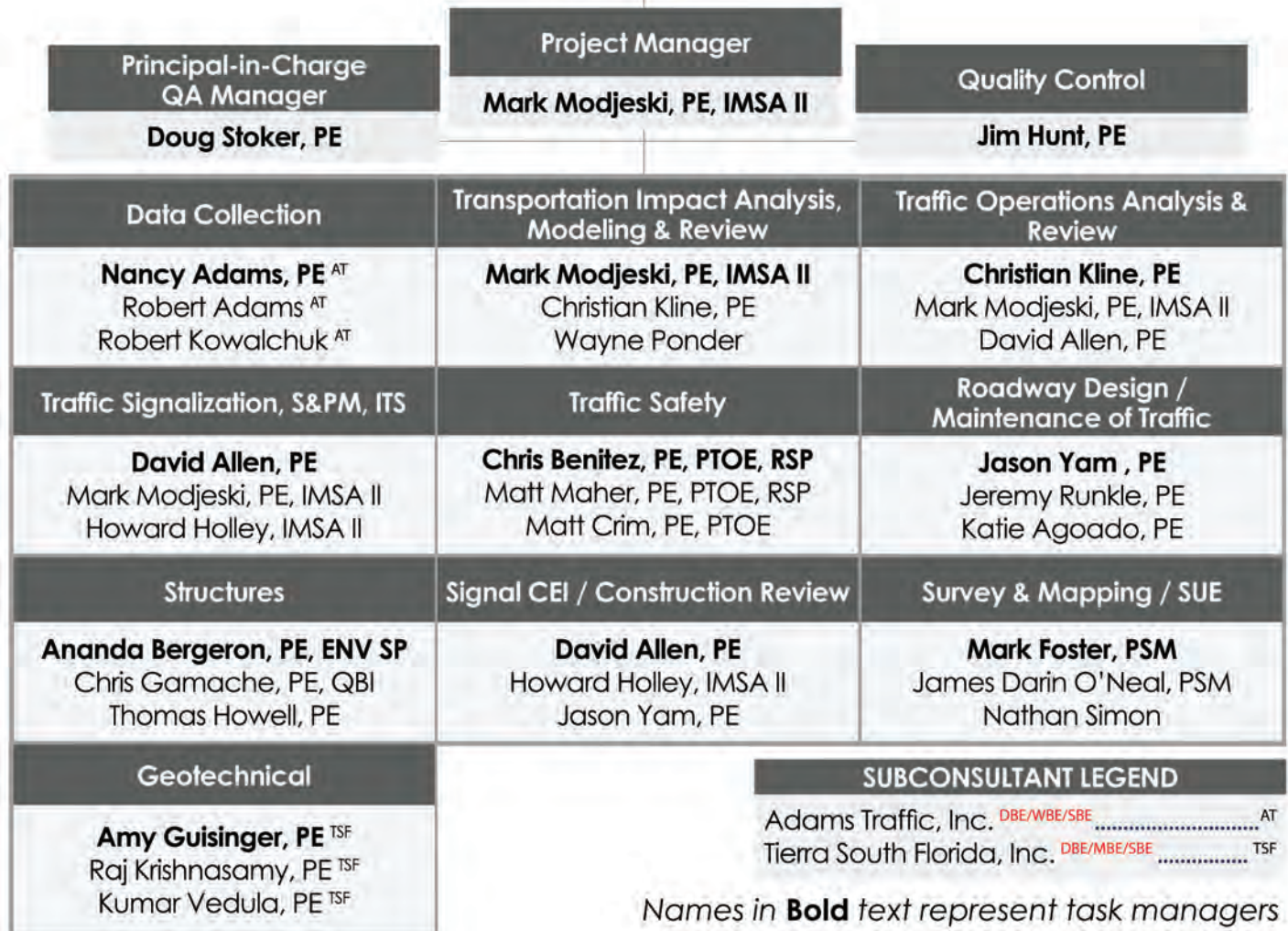
Our cross-trained staff allows us to remain flexible, such that full-time or part-time commitments of key staff to accelerate the schedule can be accommodated.

Stantec uses a combination of methods and tools that enable us to monitor, schedule, and budget labor and equipment resources for this contract, including resource management spreadsheets/reports, work breakdown structures in Microsoft Project, and monthly meetings with discipline managers. Each manager receives a weekly update of the resource management report that tracks the workload of our personnel and equipment use.

Based on workload as a percentage of capacity, the weekly reports indicate to managers which disciplines in our office are under goal, on target or above goal for utilization. This tracking method allows managers to best allocate labor and equipment resources and adjust priorities accordingly to ensure the project schedule is met. Our current forecast, workload projections, and staff/equipment resources allocation report shows that we have ample staff capacity, equipment, and project team availability to successfully complete the projects within this contract on time and within budget.

Organization Chart

Our proposed Project Principal Doug Stoker will be responsible for resource allocation. He will work with Project Manager Mark Modjeski to ensure all required resources assigned to the project have the appropriate level of experience and licensure. If required, Doug and Mark will hire other subconsultants as needed for the task and submit any new staff to the County for approval prior to assignment to the project.



Prior Experience

No firm has more resources or experience working with local governments than Stantec. Our vast array of multi-disciplinary engineering, survey, landscape architecture, and environmental services makes us the perfect fit for this Contract. The County can be confident in our level of skill, knowledge, and technical abilities.



Stantec has three local offices with approximately 400 employees and has maintained a local presence for more than 35 years. Our local experience enables us to provide valuable insight on technical and regulatory issues that can greatly benefit Hernando County during the planning, permitting, and implementation of a project.

Our vast experience in providing services to similar local governments affords us an unparalleled understanding of the unique challenges facing Florida's communities, including dramatic seasonal population changes, impacts from storm events, and uncertainty with respect to climate change. We understand these challenges, and stand ready to provide the County with prompt, courteous, responsive service to perform any required work task.

Stantec's depth of services spans all aspects of engineering and environmental consulting. We understand our clients' needs and address them with a data-driven approach. Stantec is the right size firm for this contract—we are large enough to capably manage and perform services for tasks with several varied components, yet small enough to recognize the value of this contract to the firm, afford it our highest priority and commitment, and remain responsive to the County's needs.

Stantec specializes in providing continuing services to local governments and currently holds similar contracts throughout Florida. The proof is in our record where we have maintained many contracts for nearly 40 years, and 90% of our work is from repeat clients, a testament to our quality of service. Stantec has provided these same services on nearly 50 GECs, building a reputation for high-quality, cost-effective engineering services.

Below is just a partial list of Stantec's municipal clients in Florida, all within the previous five (5) years. Our clients include:

- Hernando County
- Citrus County
- Collier County
- Hillsborough County
- Lee County
- Manatee County
- Pasco County
- Sarasota County
- Pinellas County
- City of Brooksville
- City of Clearwater
- City of Crystal River
- City of Dunedin
- City of Fort Myers
- City of Gulfport
- City of Lakeland
- City of Largo
- City of Madeira Beach
- City of Naples
- City of New Port Richey
- City of Pinellas Park
- City of Safety Harbor
- City of Seminole
- City of St. Pete Beach
- City of St. Petersburg
- City of Tampa
- City of Tarpon Springs
- City of Treasure Island
- Town of Belleair

Our approach to your individual projects will be informed and straightforward with attention to detail. The product and services we provide are cost effective, constructible, and maintenance friendly. With many staff members living in the County and area, we are personally and professionally committed to the continued progress and development of Hernando County. Having worked with the County and similar clients for nearly 40 years, the Stantec team offers unmatched resources to fulfil all facets of your engineering needs, ***big or small.***

The following pages demonstrate our prior experience that is relevant to this contract. Over the years, Stantec has developed many strong relationships with clients in various sectors, and the measure of our success is best described directly by our clients. We encourage you to contact the references listed on each project to discuss how our practical, experienced approach will benefit the County.

Hernando County On-call Traffic Impact Analysis Review

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Scott Herring // 352.754.4060 // sherring@co.hernando.fl.us

Project Dates: 2021 – Ongoing

Project Description:

As part of our Master Services Contract, Stantec was selected to conduct reviews of traffic impact analysis as prepared by other engineering firms. Efforts included review of adherence to study methodology, appropriate trip generation, reasonable, complete, and correct trip distribution. Comments were prepared and submitted to the County for review and forwarding. Reviews were performed for the Brenton Hills, Arden on Cortez, Sterling Hill, Rainbow Glen and Caldera developments.

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II
 Doug Stoker, PE
 David Allen, PE

Relevance to this Contract

- Hernando County Project
- Traffic Impact and Access Management Studies

County Line Road and Landover Drive Traffic Signalization

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Laura Borgesi // 352.540.6563 // lborgesi@co.hernando.fl.us

Project Dates: 2022 – 2023

Project Description:

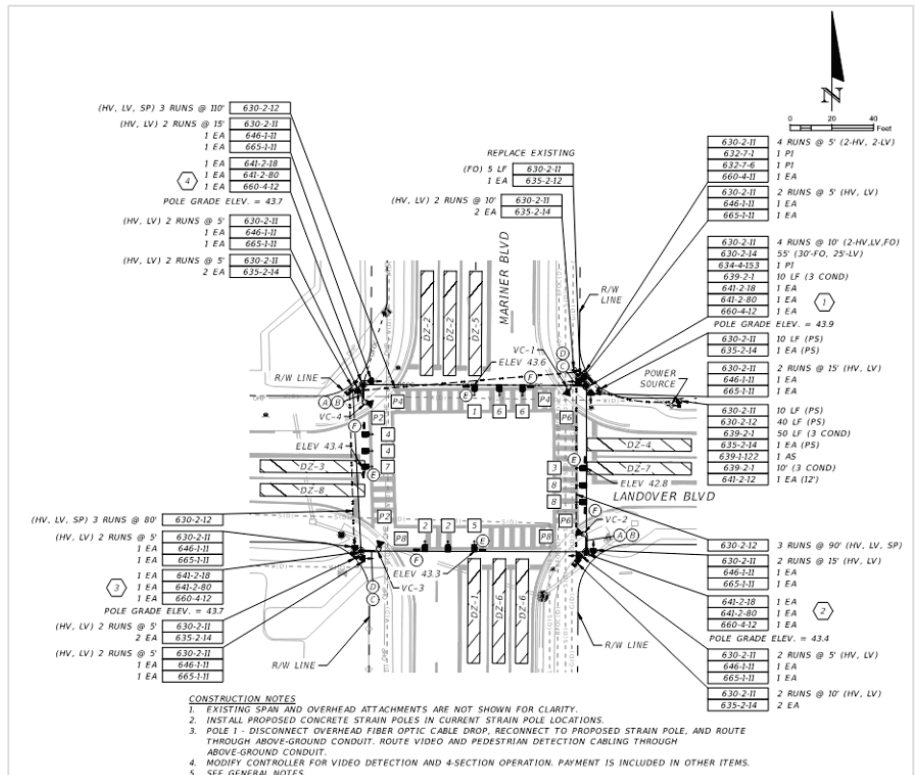
The purpose of this project was to design a temporary traffic signal to serve the existing two-lane cross section of County Line Road until the future widening occurred. To keep costs down, the signal was designed as a diagonal span with concrete strain poles. Subsequent to the 60% plans submission, the County became aware of a development driveway planned for the south side of the intersection. Our team reviewed the driveway connection and realigned it to better align with the existing intersection geometry. Our experience allowed us to complete these efforts without any impact to price or schedule. Design efforts included survey, utility coordination with Withlacoochee River Electric to adjust their overhead lines, geotechnical analysis and subsurface utility clearing for the strain pole foundations, structural, electrical and vehicle detection design.

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II
 Doug Stoker, PE
 David Allen, PE
 Howard Holley, IMSA II

Relevance to this Contract

- Hernando County Project
- Utility Coordination
- Intersection Improvements
- Signing and Pavement Marking
- Traffic Signalization
- Structural Analysis and Design



School Zone Signal and Marking Plans

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Stephen Stack // 352.754.4060 // sstack@co.hernando.fl.us

Project Dates: 2020 – 2022

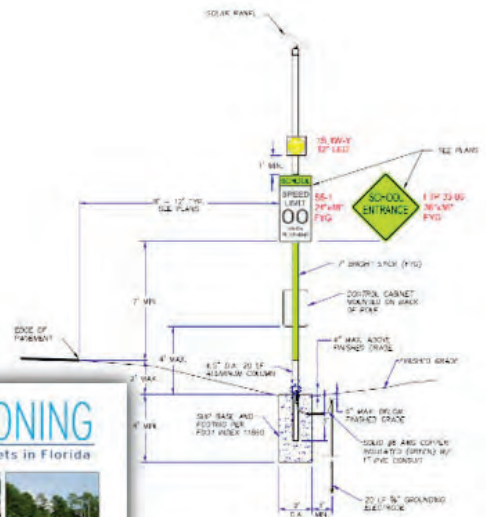
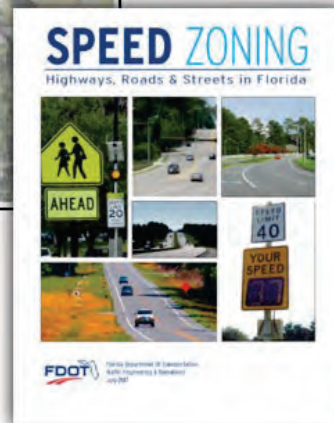
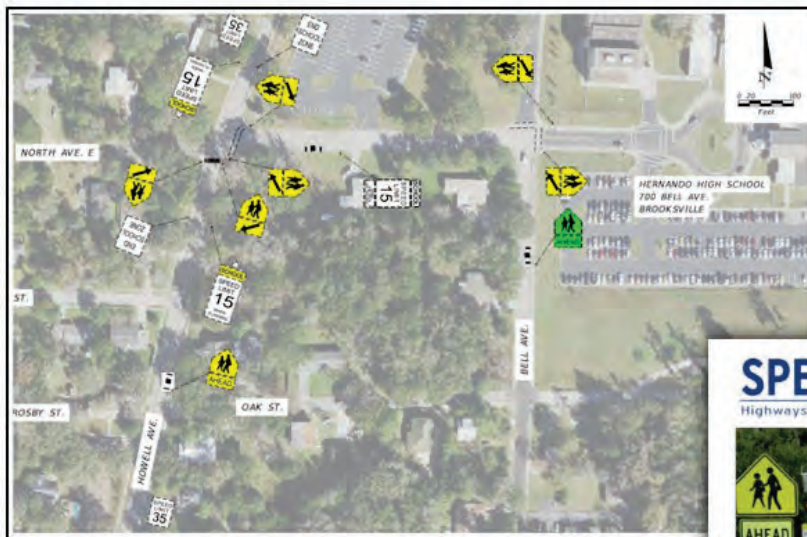
Project Description:

Stantec was tasked under the current Hernando County Traffic Engineering Services contract to review and update school zone signing and marking for various schools within the County. The locations included Spring Hill Elementary School, Brooksville Elementary School/Hernando High School, Chocachatti Elementary School/Nature Coast Technical High School, Challenger K-8 School, Explorer K-8 School, and Fox Chapel Middle School. An inventory of the existing signing, marking and placement of school speed zone beacons was collected and evaluated against the latest standards as identified in FDOT's Speed Zoning for Highways, Roads, and Streets Manual. Stantec then developed plans to bring these school zones, school crossings, and school entrances into compliance. Two locations required overhead sign cantilever structures where Stantec provided both the structural design and subsurface utility clearing to ensure clear locations for the foundations.

- Relevance to this Contract**
- Hernando County Project
 - Data Collection
 - Utility Coordination
 - Signing and Pavement Marking
 - Traffic Signalization
 - Structural Analysis and

Proposed Staff that has worked on this Contract:

- Mark Modjeski, PE, IMSA II
- Doug Stoker, PE
- David Allen, PE
- Howard Holley, IMSA II
- Wayne Ponder
- Chris Gamache, PE, QBI



Yontz Road Extension from Howell Avenue to US 41

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mark Guttman (resigned) // 352.754.4060

Project Dates: 2013 – 2014

Project Description:

This project provided for the development of design plans to extend Yontz Road from Howell Avenue to US 41 for a total length of approximately 380 feet. The purpose of the project was to provide a more direct route for northbound US 41 motorists wishing to access US 98. The project included a traffic study including traffic data collection, traffic reassignment to define the new traffic circulation patterns, traffic signal warrant analysis, level of service analysis, and development of turn lane lengths. The design consisted of a three-lane cross section with one lane in each direction and left turn bays.

This project included:

- Traffic Study and Signal Warrant Analysis
- Signing and pavement marking
- Utility coordination
- Right of way determination and acquisition
- Survey
- Geotechnical exploration
- Drainage design
- Permitting
- MOT
- Construction cost estimate
- FDOT coordination

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II

Jim Hunt, PE

David Allen, PE

Howard Holley, IMSA II

Wayne Ponder

Jason Yam, PE

Relevance to this Contract

- Hernando County Project
- Data Collection
- Traffic Operational and Safety Studies
- Traffic Impact and Access Management Studies
- Utility Coordination
- Intersection Improvements
- Signing and Pavement Marking
- Traffic Signalization
- Temporary Traffic Control Plans
- Public Awareness



Fiber Optic Extension Zone 3 Interconnect Plans

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mike Ullven // 352.754.4062 // mullven@co.hernando.fl.us

Relevance to this Contract

- Hernando County Project
- Fiber Optic and ITS Design

Project Dates: 2015

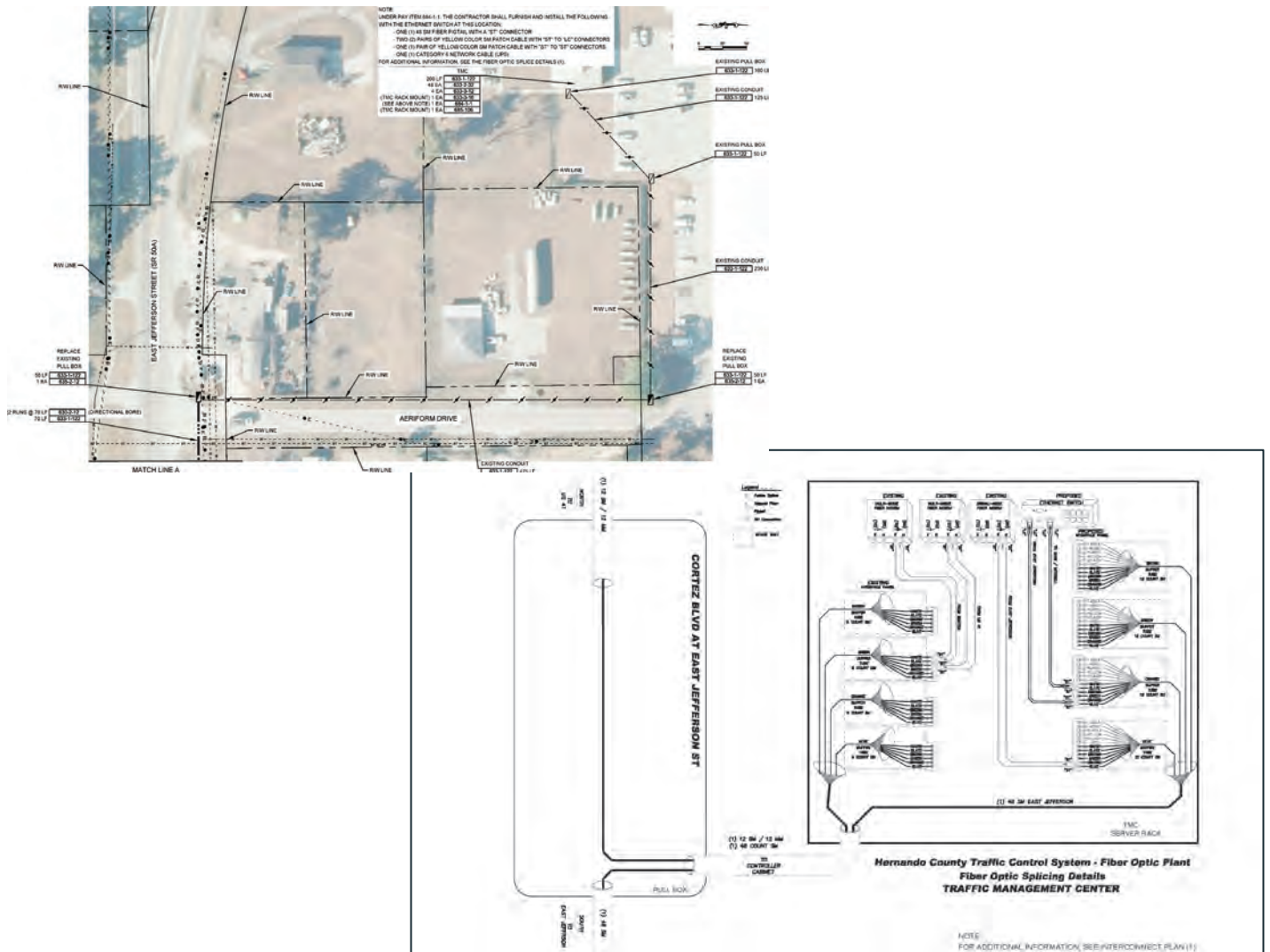
Project Description:

Hernando County required fiber optic connectivity from the Traffic Management Center located at 1525 East Jefferson Street to the traffic signal cabinet located at the signalized intersection of Cortez Boulevard and Jasmine Drive. This fiber optic plant provides connectivity for the existing Cortez Boulevard (Zone 03) advanced traffic management system (ATMS) corridor and the Traffic Management Center. This project will provide for the design of construction plans for buried fiber optic cable and connections from the Traffic Management Center along Aeriform Drive, then east on East Jefferson Street to Jasmine Drive. In addition, a fiber optic connection was required from the existing fiber trunk at Cortez Boulevard and Emerson Drive to its traffic controller cabinet.

All work was accomplished to Hernando County criteria. A time extension was required for this project due to changes in FDOT's permitting requirements during the review process.

Proposed Staff that has worked on this Contract:

- Mark Modjeski, PE, IMSA II
- David Allen, PE
- Howard Holley, IMSA II



US 19 Fiber Optic Extension for Zones 06 and 08

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mike Ullven // 352.754.4062 // mullven@co.hernando.fl.us

Relevance to this Contract

- Hernando County Project
- Fiber Optic and ITS Design

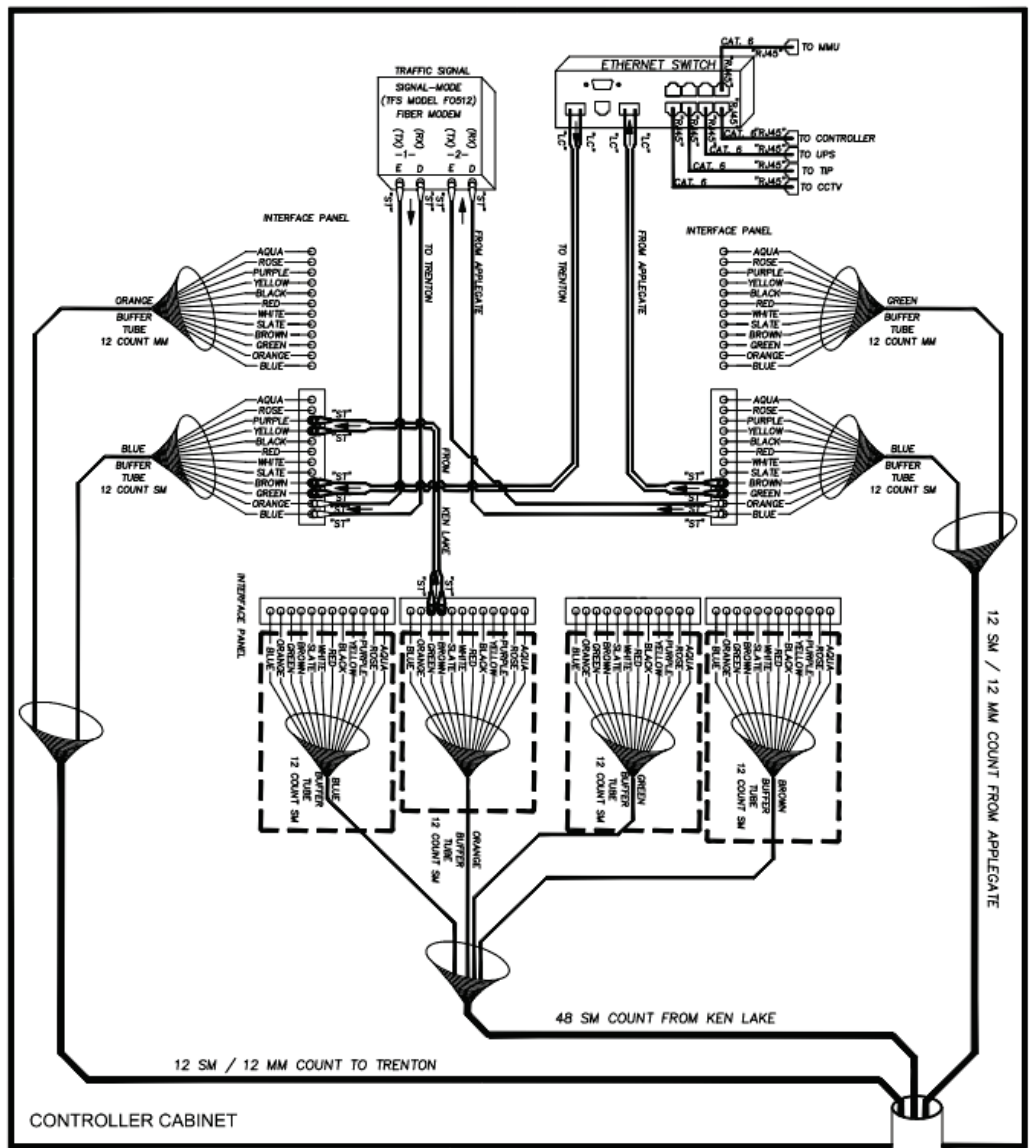
Project Dates: 2014

Project Description:

Hernando County tasked Stantec with developing Advanced Traffic Management System (ATMS) Plans, specifications, and estimate for the deployment of 0.42 miles of fiber optic cable to extend communications from US 19 to Zones 06 and 08. Efforts included developing base maps from aerials with GIS-based right-of-way, ATMS analysis and design, a field inventory of existing ATMS infrastructure, utility and FDOT coordination. The design included the evaluation and installation of communications components for both the legacy and proposed systems.

Proposed Staff that has worked on this Contract:

- Mark Modjeski, PE, IMSA II
- David Allen, PE
- Howard Holley, IMSA II



Clearance Timing Development for 38 Intersections

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mike Ullven // 352.754.4062 // mullven@co.hernando.fl.us

Project Dates: 2015

Project Description:

Hernando County assigned Stantec the task of updating the yellow, all-red, and pedestrian clearance timings at select signalized intersections within the County to comply with current MUTCD and FDOT standards. Stantec provided clearance timings for 38 signalized intersections. These yellow, all-red, and pedestrian clearance times that Stantec developed were consistent with the FDOT Traffic Engineering Manual (TEM) to determine the yellow change and all-red clearance intervals. The calculations are based upon formulas found in the Institute of Transportation Engineers (ITE) Traffic Engineering Handbook. The pedestrian clearance interval was based upon the 2009 Manual on Uniform Traffic Control Devices (MUTCD), Section 4E.06. The calculations are based upon a walking speed of 3.5 feet per second.

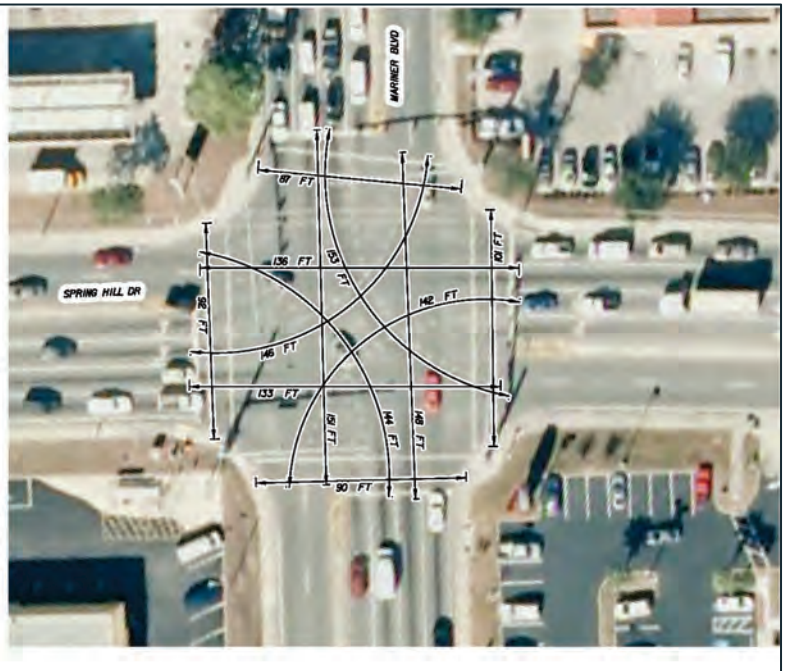
Relevance to this Contract

- Hernando County Project
- Data Collection
- Traffic Operational and Safety Studies
- Traffic Signalization

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II
 David Allen, PE
 Howard Holley, IMSA II

TRAFFIC SIGNAL CLEARANCE INTERVAL CALCULATIONS								
Location: Mariner Boulevard and Spring Hill Drive					File Name:			
Calculated By: Upik Suwarno					Calculated Date: 6/7/2013			
Installed By:					Installed Date:			
PARAMETER INPUT								
Vehicular Movement	NBT	NBL	SRT	SBL	EBT	EBL	WRT	WBL
Vehicular Movement No.	4	7	8	3	6	1	2	5
Approach Speed Limit MPH	40	40	40	40	40	40	40	40
Protected Left-Turn Y/N	N/A	Y	N/A	Y	N/A	Y	N/A	Y
Turning Speed MPH	N/A	30	N/A	30	N/A	30	N/A	30
Approach Grade (%)	2.5%	2.5%	1.7%	1.7%	0.0%	0.0%	0.0%	0.0%
Width / Travel w'	148	144	151	153	133	148	136	142
Ped Clear Distance Pc	101		92		90		87	
PIEV Time t	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Decel Rate a	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Gravity Accel G	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
Length / Vehicle L	20.0		20.0		20.0		20.0	
CLEARANCE TIMINGS								
Direction	NBT	NBL	SRT	SBL	EBT	EBL	WRT	WBL
Vehicular Movement	4	7	8	3	6	1	2	5
Yellow Clearance Calc'd YCL	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.3
min YCL	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.3
INPUT YCL	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3
Red Clearance Calc'd RCL	2.9	3.7	2.9	3.9	2.6	3.8	2.7	3.7
INPUT RCL	2.9	3.7	2.9	3.9	2.7	3.8	2.7	3.7
Total Vehicle INPUT Clearance	7.1	7.9	7.1	8.1	7.0	8.1	7.0	8.0
Pedestrian Movement P4			P8		P6		P2	
Ped Clearance Calc'd PCL	28.9		28.3		25.7		24.9	
INPUT PCL	29		29		26		26	



Mast Arm Assessment at Elgin Blvd. and Mariner Blvd.

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Stephen Stack // 352.754.4060 // sstack@co.hernando.fl.us

Project Dates: 2022

Project Description:

The purpose of the assessment was to quantify the damage to the mast arm structure, evaluate the strength of damaged components, and make any necessary repair recommendations to the mast arms at the intersection of Elgin Boulevard and Mariner Boulevard located in Spring Hill.

Proposed Staff that has worked on this Contract:

Doug Stoker, PE

Chris Gamache, PE, QBI

Relevance to this Contract

- Hernando County Project
- Data Collection
- Structures Review and Assessment



Mast Arm Assessments – Mariner Blvd. and Henderson St.

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Laura Borgesi // 352.540.6563 // lborgesi@co.hernando.fl.us

Project Dates: 2023

Project Description:

Stantec performed emergency damage assessments for the mast arms at Mariner Blvd. and Henderson St. after they were involved in separate vehicular collisions. Due to the extensive damage, the structural integrity of the mast arm was compromised. Repair recommendations were provided for that location.

Proposed Staff that has worked on this Contract:

Doug Stoker, PE
Chris Gamache, PE, QBI
Thomas Howell, PE

Relevance to this Contract

- Hernando County Project
- Data Collection
- Structures Review and Assessment



Sunshine Grove Rd. at Jacqueline Rd. Intersection Improvements

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mike Ullven // 352.754.4062 // mullven@co.hernando.fl.us

Project Dates: 2015 – 2016

Project Description:

Stantec evaluated features based on the provided plans and revised the design of the intersection improvements at Sunshine Grove Rd at Jacqueline Road. Changes to the design consist of the following:

- Include a sidewalk along the south side of Jacqueline Road. This will include changing the ADA ramp configuration at the southeast corner.
- Modify the Signing and Pavement Marking Plans for the new ADA ramp location.
- Revise the drainage design and calculations that will coincide with the proposed drainage system of the new development.
- Provide a recommended temporary construction easement area required to construct the new improvements that fall outside of the County right of way. Once approved by the County, Stantec will provide signed and sealed descriptions and sketches.
- Update quantities, pay items and cost estimate for the revised design.

Relevance to this Contract

- Hernando County Project
- Data Collection
- Traffic Operational and Safety Studies
- Utility Coordination
- Intersection Improvements
- Signing and Pavement Marking
- Traffic Signalization
- Lighting
- Temporary Traffic Control Plans
- Public Awareness
- Structural Analysis and Design

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II

Jim Hunt, PE

David Allen, PE

Howard Holley, IMSA II

Wayne Ponder

Jason Yam, PE



Project Approach Budget Methodology/Cost Control

Project Controls, Technological Capabilities, and Resources

Strict Cost Control

Stantec understands the need to be financially responsible and mindful of municipal budget constraints. Once a scope of services has been agreed upon for the project, Stantec will propose a reasonable fee that reflects the effort required to satisfy the scope with a quality set of project documents. The responsibility for cost control on projects lies with the assigned Contract Manager, Mark Modjeski, PE, IMSA II.

Our advanced Oracle accounting system positions the company for sustained project management performance and compliance with Federal Cost Accounting Standards. The system provides all necessary information at the contract, project, and task levels for our Contract Managers to effectively execute their budget control responsibilities in a timely manner. The Contract Managers receive monthly statements of all project charges and have direct computer access to our Oracle system for more frequent downloads during periods of intense project activity. Our Principal-in-Charge Doug Stoker receives an exception report on a monthly basis for any project (i.e., work assignment) that exceeds certain performance threshold measures. Since the exception reports have a straightforward explanation, they allow for timely action in those cases where a problem does exist or is forecasted. Stantec's Vice Presidents are also available to consult on cost performance issues and to help develop corrective action plans.

Engineering Cost Control

Stantec is often asked how our professional services fees compare to those of our competitors. When evaluating the true value of the services we provide, Stantec is seen as very competitive for the following reasons:

- Our base rates and employee salaries are consistent with local industry averages while our overhead is consistent with or lower than local industry averages.
- Stantec provides nearly all services in-house, resulting in integrated services and cost savings. When subconsultants are needed, Stantec provides no mark-up on their services.
- Our experienced staff develops comprehensive scopes of work the first time to identify all necessary services for your project. This avoids surprises from change-orders for our services or unidentified obstacles during construction.
- Stantec uses small, focused work teams to complete your projects. Given our depth of resources, we can staff these teams with exactly the right mix of talent. Behind these small teams, we have nearly 900 Florida associates specializing in all services necessary to meet your needs. Small Teams and Big Resources save you money.
- The true value of Stantec services comes during construction when our projects are built. Experienced staff ensures our designs are correct the first time, resulting in fewer construction change-orders and delays.
- More than 70% of Stantec's work is for repeat clients who have evaluated Stantec's value compared to other engineering firms and continue to return to Stantec for the premier services we provide.

Stantec has one of the best claims records in the industry. Fewer claims are another testament to the value of the work product we provide and proof of a solid quality assurance program.

Construction Cost Estimating

As the construction industry continues to have ever-changing and rising costs, it is imperative that your Engineer of Record provide accurate Opinions of Probable Construction Costs to plan for upcoming work. Here are some of the steps Stantec has taken to ensure we are addressing this for our clients:

- Stantec has developed an internal team of engineers and cost estimators who are tasked with monitoring changing construction costs. These individuals track past estimates compared to actual construction costs and provide necessary guidance to those preparing new estimates.
- Stantec routinely monitors construction industry journals including the Engineering News Record, Construction Industry News, and other publications for indicators of construction cost escalation.
- Stantec performs in-house constructability/bid ability reviews and value engineering using our

in-house Construction Management division. This lets us identify opportunities for savings and ensure a “buildable” design.

- Stantec often involves contractors prior to bidding to obtain input on specific construction cost elements that may impact the overall project bid. This further helps Stantec identify any obstacles that would prevent a Contractor from bidding on the project, promoting a greater number of bidders and more competition.
- Finally, as noted above, Stantec produces quality plans that help minimize construction change-orders. While we may not be able to control rising industry prices, we can ensure you get the best value for your money because of our reputation and quality plans and specifications.

Value Engineering

Because it has been so widely used in recent years as a regular part of all projects, Value Engineering is sometimes overlooked. However, our Stantec team has been engaged in design-bid-build projects for more than 30 years and has been involved with thousands of design-bid-build projects over that time. These projects range from small intersection improvements, operational and safety studies to large road and bridge projects. Our experience is significant because it has instilled in our staff a holistic approach to projects that incorporates not only the design elements that all designers are accustomed to but also the contractor’s thought process on cost-efficient materials and construction methodologies. It also drives our staff to consider the client’s perspective of lower Operations & Maintenance (O&M) costs through selective sustainable and resilient materials.

Value engineering savings should be recognized during the concept and design phases, not after the bid has been received and a contractor selected. The real savings come when the design team brings forward cost-saving ideas during design development that create immediate savings in the projected costs for any project. Those savings may not result in a lower bid but may be recognized with greater reduced costs of operations and maintenance going forward. Those savings are just as real for any client.

With that said, Stantec also has vast experience in the negotiations of value engineered elements

with contractors. Our experience in both design and construction management at-risk realms has provided our staff with the ability to fairly evaluate any proposed post-design changes through the standard construction contract requirements. Many on our team have had formal training through the Dispute Resolution Board (DRB) certification process as well as the FDOT Equitable Negotiation training classes. Even so, we always enter into any negotiation for a value engineering element with an open mind and an overriding obsession to protect our client and get them the best deal possible.

Project Approach – Quality Control Methodology

Quality Control/Quality Assurance Procedures

Quality Assured

Part of Stantec’s due diligence procedure includes a compilation of Hernando County’s preferences and standards prior to beginning work. For instance, much of the work performed under this contract will include traffic signalization. While we are aware of the County’s preferences, our due diligence requires us to reach out to the County for updates to current preferences such as the Hernando County Signal Notes. With the technology upgrades that occur all the time, notes and preferences are always changing. This ensures that County procedures are followed.

Typically, where the County may not have its own technical specification, our design will fall back to FDOT’s Standard Specifications for Road and Bridge construction. The Standards are robust in defining methods of construction, quality of materials and what is included for each pay item. Furthermore, these standards are widely understood by contractors doing work in Florida. These standards minimize risk such as contractor claims.

Technology is always getting better and quite often better means more energy efficient. As an example, most, if not all the materials proposed for our traffic signal design work must be on FDOT’s Approved Products List, APL, the approval process is quite rigorous and focuses on energy efficiency, durability, and maintainability. Hernando County benefits from this rigorous approval process without any of the costs involved.

Also, a standard practice during the design/bid/build process are shop drawing reviews. The contractor is required to submit technical data sheets for the materials or equipment to be installed on the project. Our Stantec design team will review, approve, or disapprove the contractor’s submittals. A disapproved material or piece of equipment will be elaborated on and returned to the contractor for resubmission ensuring the final build meets County standards and quality.

Stantec’s goal on each project is to prepare documents free of errors, complete with accurate data, meeting all applicable standards and criteria, and in compliance with the requirements established by the County. The County expects the

delivery of contract documents and services that have been thoroughly reviewed by highly qualified professionals whose reviews allow the bidding, construction, and final cost to be within the established budget. They also expect the project to be of high quality and completed on time. These expectations are aligned with our team’s goal.

The Quality Assurance/Quality Control (QA/QC) component of the organization is as important as the design and plans production process. Although our design professionals follow stringent internal QC processes, we believe it is critical to have senior professionals in each design discipline perform independent peer reviews to ensure a quality product. Peer reviews focus not only on the technical design standards and project scope requirements, but also on conflicts, cost, and constructability. Stantec has strong company policies on quality, employee workmanship, and error prevention.

Our QA/QC process emphasizes the prevention of quality problems such as errors, omissions, etc., and corrects quality problems as early as possible to minimize cost and impacts. QA begins at the onset of the project with the establishment of a QA/QC Plan and the commitment of a highly qualified team. Mark Modjeski will be the primary contact with the County and will ensure that all work complies with our Quality Control Plan throughout the duration of the project. He will establish and maintain open communication channels with all team members to exchange vital information and maintain accurate and current project files.

Stantec typically uses a five-step QA/QC process to ensure that all reports, recommendations, and designs developed during the project are thoroughly checked and reviewed by qualified professionals. The plan is documented using this five-step structured check and balance system with a color-coded tracking procedure (grid shown below) to promote the thoroughness of project production, QC, and QA reviews. This procedure will apply to all phases of submittals.

The level of review and processes are tailored to the individual work task. Each work task is thoroughly reviewed, and a QA/QC Plan developed to meet the project-specific details including the assignment of qualified staff.

Before the Notice-to-Proceed meeting, Contract Manager Mark Modjeski will verify that Stantec and its subconsultants have comparable QC Plans. Each subconsultant will follow the approved procedures, document their QC activities, and make each document available for QA reviews and compliance audits. Subconsultants will certify that their work is being performed in accordance with the approved Quality Control Plan prior to a phase submittal. Stantec will be responsible for its subconsultants' utilization of a project's QA/QC Plan.

QUALITY CONTROL TRACKING STAMP								
PHASE	I	II	III	IV	%	INITIAL	DATE	
READY FOR QC (RP)								
QC REVIEW (QCR) YELLOW = OK, RED = CORRECTION, GRAPHITE = NOTES								
CONCURRENCE (RP) BLUE CHECK = OK, BLUE X-OUT = NO CHANGE								
CHANGES MADE ORANGE OVER RED								
VERIFIED GREEN CHECK = OK, GREEN CIRCLE = FIX								
RESPONSIBLE PROFESSIONAL = (RP), QC REVIEWER = (QCR)								

QA/QC Process in Summary

- QC peer reviews will be coordinated on all work and documents prior to submittal. The reviewers will not be involved in the design process being evaluated and will serve as a “fresh set of eyes.”
- The Quality Reviewers will check for economy, constructability, maintainability, accuracy, adherence to standards and guidelines, and adherence to project-specific requirements, completeness, and format.
- The QC checking procedures will require the documents to be marked for “QC Review,” signed, and dated by the Quality Reviewers. All corrections/comments will be marked in red. Normally, correct information will be noted by either a red dot or highlighted with yellow.
- All deliverables will be checked for accuracy, presentation, form, format, and readability.
- The Responsible Professionals (Originators) will review all corrections and/or comments received from the Quality Reviewers.
- The Originator will indicate concurrence with a blue check mark at each correction and/or comment.

- Corrections that are appropriate will be transferred to the original production documents.
- Reviewers will back-check the production documents and verify each change for incorporation and correctness with a green checkmark to ensure that all corrections and/or comments have been incorporated within the documents.
- An independent final spot-check of the production documents will be performed prior to submittal to the QC Reviewers.
- Sufficiency checklists and other in-house checklists will be incorporated into all phase reviews to ensure that required information is provided with the submittal.
- All participants in the checking and back-checking procedure will utilize a responsibility sign-off stamp to organize and track the procedure, and to signify the completeness and accuracy of each participant's part of the procedure.
- All QC-reviewed documents and checklists will be retained in an organized file until the end of each phase submittal, or included with each submittal as required.
- The QC Reviewer will utilize Stantec's check and balance procedures to perform a final independent QC review prior to each submittal.
- Plans-in-hand field reviews will be conducted by the Contract Manager with the Originators for each work discipline. After each field review, the Contract Manager will document, incorporate, and verify the applicability of comments and questions raised. The Contract Manager will prepare minutes of the field review meeting and distribute them to applicable staff, with copies to the project files.

In addition to the review of the plans, calculations, and reports, all other support documentation

including computer-generated calculations, specifications and special provisions, quantities, cost estimates, and studies will adhere to the referenced checking procedure.



Project Approach – Schedule Control

Schedule Controls

Time Management

Stantec's planning, programming, and design process is structured with particular attention to schedule, cost control, cost estimates, and time management. We look at aspects of a project that may develop into a delay and eliminate them up front with a proactive approach. This reduces the overall time spent on what others may consider to be "unforeseen conditions." Our proactive approach includes developing a strong due diligence program in the initial phase of the project. Many of the obstacles that result in time delays result from improper or inadequate due diligence.

Stantec is experienced in permit and plan production scheduling. As you are aware, permitting is sometimes difficult to estimate when it comes to scheduling. At the onset of projects, we develop realistic schedules based on current design, permitting, and construction timelines. We will develop a realistic schedule at the start of the project based on other similar projects. Some of the unique approaches developed over our years of experience include pre-permitting and early dry-run submittals. We frequently conduct pre-permitting and dry-run submittals to help reduce the time and potential cost impact of the permitting process. We will determine possible impacts early on so that the preliminary cost estimates stay relatively the same as the plans are finalized. As part of the Project Management Plan, a schedule will be submitted at the NTP so that the County can track production and permitting all the way through bid and contractor selection.

Schedule Control

Maintaining a project's schedule begins with understanding the key issues that drive it and developing contingency plans to control it. The primary purpose of the project schedule is to provide a full accounting of all relevant activities and phases as well as the proper sequencing of project-related events so that the project is delivered on schedule. The following are some of the strategies that Stantec uses to control the project schedule:

- Proactive Project Management Plan
- Intensive Due Diligence Phase

- Acceleration of noncritical path activities to compensate for potential unforeseen delays that might occur later on in the project
- Meeting with County staff, public officials, and key community members in advance for consensus on key project issues
- Clear understanding of Scope of Services to ensure the schedule is correct from the beginning
- Proper QA/QC time

A variety of things outside of Stantec's and/or the County's control can cause projects to veer off schedule. When this occurs, Stantec routinely pulls in additional staff to expedite projects. Furthermore, Stantec has strong working relationships with local regulatory agencies which can aid in expediting permitting and project reviews.

Workload/Ability to Handle Scope of Service

Stantec is a financially strong company that continues to grow and expand in responsible ways to improve our service packages and benefit our clients. Stantec's philosophy is to maintain a healthy backlog of work while carefully evaluating and pursuing new work. We pursue projects that correspond to our areas of expertise, and we schedule staff accordingly to allow for success on each project. This is especially true of our local offices that specialize in professional services contracts which rely on periodic task work orders to maintain workload and facilitate growth.

Our Project Manager, Mark Modjeski, is familiar with the County's administrative requirements and will assign work tasks to personnel with competency in the required task and with availability to complete the work. Hernando County has been, and always will be, a high-priority client for Stantec and will receive all required staffing and resources necessary to complete the work on time and within budget.

Our personnel control short-term commitments through regular meetings where assignments are adjusted weekly. Long-term work commitments are addressed in our bimonthly manager and team coordination meetings. Based on the complexity of the project, the schedule prepared can be as simple as one created in Excel or with larger projects, one prepared in Microsoft Project.

Stantec's Project Management Framework requires that each task work order has a Project Management Plan that includes a resource-loaded schedule, a fully developed scope of services, risk-reviewed contracts with all subconsultants, prescribed team meetings, kickoff meetings with the client, specific phase deliverables, and project-specific design and permitting requirements as specified by the client's needs.

Our exceptional depth and strength of local staff resources enables us to offer the County consolidated, Hernando County-based contract responsibility. Our organizational chart demonstrates our depth across the range of the County's needs. However, additional resources from nearly 900 personnel across Florida are available to support our local team, if necessary. Our flexible staffing structure and depth allow for additional personnel in each of the required disciplines to be added to the team in the event of an unexpected workload conflict. Therefore, every person on the organizational chart has multiple backup resources to handle unforeseen circumstances.

Our workload at Stantec is comprised of more than 95% public sector clients and projects. As such, we have developed staffing plans that are flexible, yet reliable, for handling multiple task work order assignments. That is the key for success for both our clients as well as for Stantec. To succeed in the public sector, a firm needs sufficient personnel who can multitask on several assignments, plus subconsultants of the same mindset. In fact, it is common for staff to handle multiple projects due to the nature of task order-driven assignments falling typically below CCNA limits. That is what separates the professional service contracts from the CIP projects.

In addition, the individual discipline project managers control the staff availability, where projects with milestone deliverables get the highest priority to ensure that all schedules are being met, not just by their technical guidance, but more importantly thorough their managerial control. Since public sector work comprises the majority of our workload, we have learned to balance that work and maintain schedules for deliverables on time and within budget, plus be able to pull from all Stantec resources as needed for simultaneous, multiple task assignments.

Detailed Schedule Control

Making and keeping schedule commitments in support of municipal projects is a must; not only to sustain the County's confidence in Stantec and to remain a viable business, but also to maintain the County's schedule commitments to the public on projects being supported by Stantec's work. With the manpower and resources available to the project team, we are confident that we can successfully complete any project and meet all schedule commitments.

Major work tasks will be planned as a series of subtasks, thereby accommodating a bottom-up approach at the schedule development stage, a proper linkage of predecessor and successor activities, and an effective management tool to track and adjust schedules as well as reallocate resources as the work proceeds. Weekly team meetings will be held throughout the project by the Contract Manager and Work Assignment Managers, with a major emphasis placed on reviewing progress and discussing upcoming milestones. Close coordination and working relationships between our Contract Manager, Work Assignment Managers, and their County counterparts will also help ensure timely project completion.

Work Coordination

Coordination begins with the timely and accurate transfer of information between County Project Managers and Stantec's Project Manager, Mark Modjeski. This central point of contact will streamline initiation and negotiation of work assignment authorizations. It will be Mark's responsibility to disseminate information to the appropriate parties within Stantec. An important means of coordination will be monthly project briefings at which schedules, budgets, technical deliverables and other project-related matters will be discussed. Mark will oversee project activities to ensure that appropriate resources are allocated to meet budget, schedule and quality expectations, and that an accurate accounting of overall project status is communicated to County staff regularly.

Familiarity with the Project Area

Stantec has been providing a variety of professional services to Hernando County over 18 years. We understand your projects, regulatory requirements, and goals better than anyone and have proven that we can deliver through our technical expertise, responsiveness, and commitment to the County's success. The following list includes example projects completed for the County:

- On-call traffic impact analysis review
- County Line Road and Landover Drive Traffic Signalization
- School Zone Signal and Marking Plans
- Yontz Road Extension from Howell Avenue to US 41
- Fiber Optic Extension Zone 3 Interconnect Plans
- US 19 Fiber Optic Extension for Zones 06 and 08
- Clearance Timing Development for 38 Intersections
- Sunshine Grove Road Improvements
- Bayport Pier Replacement
- Palm Creek Culvert Replacement
- Peck Sink Preserve Repairs
- Brooksville Master Drain Plan
- Coronado Drive Drainage Improvements
- Countywide Boat Ramp Master Plan
- Permit Renewals
- Palm Creek Culvert Replacement

Stakeholder Relationships

Our thorough understanding of federal, state, and local environmental permitting processes allows us to minimize permit application review periods. Through our strong regulatory agency relationships, we have successfully obtained permit approval on a complex projects involving wetland impacts, compensatory mitigation, effluent impacts, and other regulatory issues.

In addition, we have staff that have experience with legislative and policy development, strategic planning, program development and management, inter-agency coordination. Our staff has experience in planning and legislative development and have worked with agency leadership and policymakers on the local, state and federal levels of government.

Knowledge of the Local Labor and Material Markets

Stantec is aware of the labor and material challenges currently affecting construction projects. Our cost estimating team monitors these market trends while maintaining an up-to-date cost estimating database. This will allow Stantec to provide the accurate construction cost estimates that reflect the current labor and material markets.

On several of our Alternative Delivery projects Stantec has worked with our client and contractor to identify long lead time items to procure using the Owner Direct Purchase process. This process can accelerate the construction schedule and/or avoid delays as well as save money for our clients.

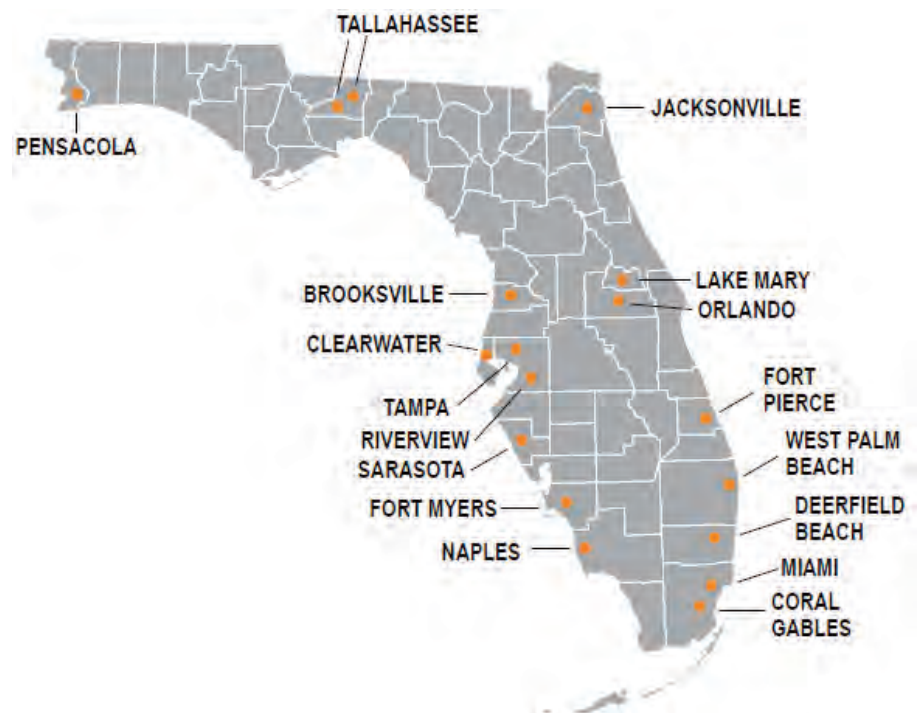
Our work—professional consulting in engineering, planning, landscape architecture, architecture, interior design, surveying, environmental sciences, project management, and project economics—begins at the intersection of community, creativity, and client relationships. With a long-term commitment to the people and places we serve, Stantec connects to projects on a personal level and advances the quality of life in communities across the globe.

As one of the largest full-service civil design and engineering, and environmental firms, Stantec has built a reputation for quality and cost-effective services. We have nearly 900 staff working in 18 offices throughout the State of Florida, giving the Company a strong local focus with specialized teams located throughout the state.

This contract will be primarily supported by staff from our Riverview office; however, we can pull from our staff throughout Florida and globally.

Our Project Manager, Mark Modjeski, works out of our Riverview office and has led numerous projects for Hernando County. He will be responsible for overseeing the completion of work done under this proposed contract.

All major aspects of Stantec's professional services will be performed at our Riverview, Clearwater, and Tampa office locations, all within the Tampa Bay Regional Partnership area.



RIVERVIEW

3905 Crescent Park Drive
Riverview, FL 33578
813.664.4500 (Main)

CLEARWATER

380 Park Place Blvd.
Suite 300
Clearwater, FL 33759
727.531.3505 (Main)

TAMPA

777 S Harbour Island
Blvd.
Suite 600
Tampa, FL 33602
813.223.0009 (Main)

**Mark Modjeski** PE, IMSA II

Project Manager
36 years of experience

Mark will serve as Project Manager and Chief Engineer. He has 36 years of experience and serves as Senior Principal of Stantec's Traffic Operations Group. Mark oversees Stantec's Traffic Operations and Design efforts. His experience includes transportation planning, access management, traffic impact analysis, operational and safety studies, traffic signal, lighting, signing, pavement marking, ITS and ATMS design. Prior to coming on board with Stantec, he served as a project manager and bid specialist with a local signalization, highway lighting and signing contractor. He holds IMSA Level II certifications as both a traffic signal technician and traffic signal electrician.

EDUCATION

BS, Chemical Engineering, University of South Florida, 1987

REGISTRATIONS

Professional Engineer #54838, State of Florida
International Municipal Signal Association, Traffic Signal and Electrician Technician Level II #BB21381

MEMBERSHIPS

International Municipal Signal Association

PROJECT EXPERIENCE**CR 578 (County Line Road) | FDOT District 7 | Hernando and Pasco County, FL**

Project Engineer for the reconstruction of 2.5 miles of an existing two-lane rural section of roadway to a four-lane urban and suburban facility. Services include roadway plans, horizontal and vertical geometry, typical section alternatives, drainage and pond locations, signing and pavement markings, signalization, traffic control plans, utility coordination, SUE, and public involvement.

US 19, Zones 06 and 08 Fiber Optic Extension | Hernando County, FL

Project Manager and Chief Engineer for the design of 1/3 mile of Fiber Optic cable along Spring Hill Drive. This project also provided for the upgrade of six existing signalized intersections from dial-up master-slave configuration using multi-mode fiber to single mode fiber and TCIP compliance.

Elgin Boulevard Fiber Optic Extension | Hernando County, FL

Project Manager and Chief Engineer for the design of 1.5 miles of fiber optic cable communications along Elgin Boulevard, connecting three isolated traffic signals. This design included providing communications hardware to facilitate both legacy communications and future TCIP implementation.

US 19 from CR 578 to South of Toucan Trail | Hernando County, FL

Project Manager and QC Reviewer for design for new lighting from CR 578 to Spring Hill Drive as well as adjustments to the existing lighting from Spring Hill Drive to south of Toucan Trail. Replaced existing lighting due to roadway widening and regrading. Performed a Lighting Analysis Report from CR 578 to Spring Hill Drive. Also responsible for design of signing and pavement marking plans.

Calienta Street Stormwater and Roadway Improvements | Hernando County, FL

Traffic Engineer. This project includes a Preliminary Engineering Report (PER) and evaluation of alternatives for Calienta Street and Petit Lane, Petit Lane and Shoal Line Drive new intersection, and improvements to the Shoal Line Drive and Calienta Street intersection. The objective of the project is to improve safety, traffic circulation, pedestrian facility, and stormwater collection and conveyance systems.

Sunshine Grove Road at Jacqueline Road Intersection Improvements | Hernando County, FL

Project Engineer to evaluate features based on plans provided and revise the design of the Sunshine Grove at Jacqueline Road intersection improvements. Changes to the design consist of sidewalk design, S&PM, revise drainage design, temporary construction easement area, and updated quantities.



Doug Stoker PE

Principal-in-Charge / QA Manager
30 years of experience



Doug has 30 years of infrastructure, engineering, and project management experience. He has extensive experience in all aspects of surface transportation analysis and design, including a long history of bridge and structures design as well as project management on conventional and design-build projects. He worked with FDOT Central Office to develop a quality assurance review process that was used to audit consultants and district offices and has served as QA Manager for all transportation design efforts for nearly a decade.

EDUCATION

ME, University of Florida, 1992

BSCS, University of Florida, 1991

REGISTRATIONS

Professional Engineer #50659

MEMBERSHIPS

American Society of Civil Engineers (ASCE), No. 273984

American Society of Highway Engineers (ASHE)

Florida Engineering Society (FES)

PROJECT EXPERIENCE

Bayport Pier Replacement | Hernando County, FL

Design services and construction plans preparation for the demolition and reconstruction of the Bayport Pier. The pier was damaged last year by Hurricane Hermine. A Structural Condition Assessment was made of the pier and it has been deemed to be non-reparable. The County has received approval from FEMA to move forward with tearing down and replacing the Bayport Pier, in kind, with a new timber structure.

Linda Pederson Park Improvements | Hernando County, FL

QA Manager/Principal-in-Charge. This improvements project includes engineering services for the replacement of approximately 300 feet of seawall and boardwalk and new retaining wall along the swimming area, a new swim platform, new ADA-compliant sidewalk, and associated supplementary services. Other improvements include the addition of a canoe and kayak launch area. Environmental services included wetland delineation, aquatic resource survey, Environmental Resource Permit exemption, and USACE permit.

Intersection Improvements | Hernando County, FL

Principal-in-Charge to evaluate features based on plans provided and revise the design of the Sunshine Grove at Jacqueline Road intersection improvements. Changes to the design consist of sidewalk design, S&PM, revise drainage design, temporary construction easement area, and updated quantities.

US 19 from SR 50 to the Hernando/Citrus County Line | FDOT District Seven, FL

Quality Assurance Manager for this resurfacing, restoration, and rehabilitation (RRR) project consisting of milling and resurfacing US 19 in Hernando County from SR 50 to the Hernando/Citrus County line. This stretch of US 19 is 12.3 miles of divided rural highway with several median openings. The project provides widening for left-turn deceleration lanes in the median as well as five feet of widening at the right-turn lanes to provide a bicycle lane key-way. Sidewalk will also be constructed on both sides of the roadway for the first 6.1 miles of the project.

Hernando County Government Center and Parking Lot Improvements | Hernando County, FL

Principal-in-Charge. The tasks involved with this project include the evaluation of the architectural and engineering potential of relocating the main building entrance, the evaluation of significant interior renovations associated with the relocation of the main entrance, the consideration of additional disabled parking adjacent to the new entrance, and the consideration of the realignment and widening of the entrance drive to Magnolia Street. The current Government Center main entrance configuration includes stairs and an elevated walkway to the second floor of the building.

Sunshine Grove Road at Jacqueline Road



Jim Hunt PE

Quality Control
49 years of experience



Mr. Hunt is a senior level Project Manager/Roadway Engineer with varied experience in the planning, design, construction and management of highway and civil projects for FDOT and municipal clients. Included are surveys, preliminary engineering studies, design, CEI and construction management, value engineering studies, quality control reviews and various general consultant services.

EDUCATION

BS, Civil Engineering, 1971

REGISTRATIONS

Professional Engineer #24160, State of Florida

PROJECT EXPERIENCE

Various phase submittals including the following design projects:

- SR 200 Resurfacing in Marion County, Florida
- Multiple Sidewalk/Trail Enhancement Projects in FDOT Districts Seven and One
- US 19 in Hernando County, Florida
- SR 70 in Okeechobee County, Florida
- I-75 in Lee County, Florida
- SR 50 in Hernando County, Florida
- SR 50 in Brevard County, Florida
- SR 50 in Orange County, Florida
- SR 436 in Orange County, Florida
- SR 5A in Volusia County, Florida
- Columbus Drive Extension Design-Build in Hillsborough County, Florida
- SR 699 (Gulf Boulevard) in Pinellas County, Florida
- Dade City Rails to Trails in Pasco County, Florida
- CR 578 (County Line Road) between Hernando and Pasco Counties, Florida
- SR 580 (Hillsborough Avenue) in Hillsborough County, Florida
- Bee Ridge Road in Sarasota County, Florida
- SR 500 (2 sections) in Osceola County, Florida
- Metro Parkway, Sections I and II in Fort Myers, Lee County, Florida
- I-95/Fuller Warren Bridge Replacement in Jacksonville, Duval County, Florida

Final Plans Review for FDOT District Four

Project Manager for plans review services for over 100 design phase submittals by consultants and in-house design sections for RRR, enhancement and reconstruction projects. Included review for conformance with FDOT and AASHTO standards and criteria, plan preparation requirements, constructability and biddability. Other assignments included miscellaneous support of FDOT in-house design sections, preparation of specifications packages, and preparation of Construction Contract Duration Estimate CPM Schedules. Included development of database of review comments.

- Columbus Drive Extension Design-Build in Hillsborough County, Florida
- SR 699 (Gulf Boulevard) in Pinellas County, Florida
- Dade City Rails to Trails in Pasco County, Florida
- CR 578 (County Line Road) between Hernando and Pasco Counties, Florida
- SR 580 (Hillsborough Avenue) in Hillsborough County, Florida
- Bee Ridge Road in Sarasota County, Florida
- SR 500 (2 sections) in Osceola County, Florida
- Metro Parkway, Sections I and II in Fort Myers, Lee County, Florida
- I-95/Fuller Warren Bridge Replacement in Jacksonville, Duval County, Florida



David Allen PE

Traffic Signalization, S&PM, ITS Task Manager
26 years of experience

David is a Senior Traffic Engineer with 26 years of experience. He is proficient in developing signalization designs, signing and pavement markings design, lighting analysis and design, ATMS and performing signal retiming/coordination. During the design phase, David coordinates with the maintaining agencies for the latest standards and specifications and power companies for services for lighting and signals. Along with design, he has provided peer review of Signal and Lighting Plans and Traffic Studies. Mr. Allen has also developed designs to accommodate requested client needs to make immediate improvements which includes lighting and signal issues. He has computer program experience with MicroStation, AutoCAD, Synchro, and the lighting analysis software Visual.

EDUCATION

BS, Civil Engineering, 1993

MS, Transportation Engineering, 1996

REGISTRATIONS

Professional Engineer #58540

MEMBERSHIPS

Institute of Transportation Engineers

PROJECT EXPERIENCE

US 19, Zones 06 and 08 Fiber Optic Extension | Hernando County, FL

Senior Project Engineer and Engineer of Record for developing the design of 1/3 mile of Fiber Optic cable along Spring Hill Drive. This project also provided for the upgrade of six existing signalized intersections from dial-up master-slave configuration using multi-mode fiber to single mode fiber and TCIP compliance.

Mariner Boulevard Overhead Reduced Speed Zone Beacons at Springstead High School | Hernando County, FL

Senior Traffic Engineer and Engineer of Record of developing school zone signage that includes mast arms with mounted overhead flashing beacon school signs and ground mounted solar powered school speed reduction signs for Hernando County. Also included was a mid-block crossing with a center lane median for additional safety.

Zone 03 Fiber Optic Extension | Hernando County, FL

Senior Project Engineer and Engineer of Record for developing the design of Fiber Optic cable from Hernando County TMC to the existing signal cabinet at Jefferson Street at SR 50 for Hernando County. This project also provided for the upgrade of two existing signalized intersections from dial-up master-slave configuration using multi-mode fiber to single mode fiber and TCIP compliance.

US 19 from CR 578 to South of Toucan Trail | Hernando County, FL

Engineer-of-Record for design for new lighting from CR 578 to Spring Hill Drive as well as adjustments to the existing lighting from Spring Hill Drive to south of Toucan Trail. Replaced existing lighting due to roadway widening and regrading. Produced a Lighting Analysis Report from CR 578 to Spring Hill Drive. Also responsible for design of signing and pavement marking.

CR 578 (County Line Road) | FDOT District 7 | Hernando and Pasco County, FL

Traffic Engineer for signal and interconnect design for the reconstruction of 2.5 miles of an existing two-lane rural section of roadway to a four-lane urban and suburban facility. The signalized intersections include US 19 at CR 578 and CR 578 at Grand Club Drive / Dartmouth Avenue.

Sunshine Grove Realignment | Hernando County, FL

Traffic Engineer for design of the Signalization Plan for Ken Austin and Sunshine Grove Road and the relocation of a school sign and beacon.

Elgin Boulevard Fiber Optic Extension | Hernando County, FL

Senior Project Engineer and Engineer-of-Record for the design of 1.5 miles of Fiber Optic cable along Elgin Boulevard to connect 3 traffic signals to the County's existing network. This trunk also created a redundant ring between Mariner Boulevard and Spring Hill Drive.



Christian Kline PE

Traffic Operations Analysis & Review Task Manager
9 years of experience

Christian is a Traffic Planner and Transportation Engineer with 9 years of experience. Christian is a detail-oriented engineer, and due to his experience in urban planning, his approach is strategic and enhances the communities it brings to bear. His technical experience includes arterial and intersection level-of-service analyses, ICE analyses, signal timing optimization, signal warrant analyses, pedestrian warrant analyses, corridor studies, traffic impact analyses, micro and macro traffic modeling, long-range transportation planning/modeling, access management, traffic calming measures, roadway design, signing and pavement marking, multiuse trials, and complete streets. He has computer experience with AutoCAD, CUBE, FSUTMS, Synchro / SimTraffic, HCS, and SIDRA.

EDUCATION

BS, Civil Engineering, University of Florida

REGISTRATIONS

Professional Engineer #87433

PROJECT EXPERIENCE

Golden Gate Blvd. Design-Build | Collier County, FL

Serve as a Project Engineer, responsible for the drainage design, managing utility conflicts and development of plans. The Golden Glades Interchange of regional importance providing connectivity to six major principal arterials and/or limited access expressway facilities including I-95, SR 9, SR 91 (Florida's Turnpike), US-441/SR 7 and SR 826.

Waterfront Downtown Master Plan | Tampa, FL

Served as the Transportation Planner on Strategic Property Partners' team for the Waterfront Downtown Master Plan, Tampa's first mixed-use, walkable downtown district. Work effort consisted of planning and designing a comprehensive street network to accommodate all modes of travel (vehicle, pedestrian, bicycle, and transit).

Golden Glades Interchange Improvements | Miami-Dade County, FL

Serve as a Project Engineer, responsible for the drainage design, managing utility conflicts and development of plans. The Golden Glades Interchange of regional importance providing connectivity to six major principal arterials and/or limited access expressway facilities including I-95, SR 9, SR 91 (Florida's Turnpike), US-441/SR 7 and SR 826.

Varrea | Plant City, FL

Served as the lead Transportation Planner for an analysis of traffic impacts for Varrea. Varrea is a mixed-use residential community and includes 2,640 dwelling units, 345,000 square feet of commercial, and 50,000 square feet of office space. Work effort included travel demand modeling, trip generation, future year traffic projections, trip assignment, capacity analysis, and report preparation.

Lakewood Centre DRI | Lakewood Ranch, FL

Served as the Transportation Planner for a design traffic study for the extension of White Eagle Boulevard to SR 64. Project elements included data collections, future year traffic forecasting, capacity and operational analyses, and turn lane storage length recommendations.

Parrish Lakes DRI | Manatee County, FL

Served as the Lead Transportation Planner for an analysis of traffic impacts for a Development of Regional Impact known as Parrish Lakes. Parrish Lakes is a mixed-use residential community and includes 3,300 dwelling units, 400,000 square feet of commercial, and 50,000 square feet of office space. Work effort included travel demand modeling, trip generation, future year traffic projections, trip assignment, capacity analysis, and report preparation.

Sarasota National DOCC | Sarasota County, FL

Served as the lead Transportation Planner for an analysis of traffic impacts for a Development of Critical Concern known as Sarasota National. Sarasota National is a residential community and includes 1,584 dwelling units. Work effort included travel demand modeling, trip generation, future year traffic projections, trip assignment, capacity analysis, and report preparation.



Chris Benitez PE, PTOE, RSP

Traffic Safety Task Manager
17 years of experience



Chris has 17 years of experience as a transportation engineer working on several types of projects including multimodal/complete street projects, Project Development & Environment (PD&E) Studies, traffic and safety engineering, Efficient Transportation Decision Making (ETDM) activities, interchange, expressway, and corridor planning and design, transit planning, public involvement, training and presentations, and managing task order/on-call contracts.

EDUCATION

BS, Chemical Engineering, University of Miami, 2006

REGISTRATIONS

Professional Engineer #74035, State of Florida

Road Safety Professional #323

Professional Traffic Operations Engineer #4286

PROJECT EXPERIENCE

Intersection Control Evaluation (ICE) along SR 70 from Lorraine Road to CR 675 | FDOT District 1

Task Manager supporting the prime consultant, BCC Engineering. Conducted the 2020 and 2021 annual reviews of the Draft Miami-Dade TPO Transportation Improvement Program (TIP) ensuring that it is consistent with the TIP Review Checklist.

Traffic Flow Modification Study at Stillwater Drive and 79 Street | City of Miami Beach, FL

Project Manager for a traffic study that evaluated the repurposing of travel lanes for parking within the City of Miami Beach. This improvement would modify the flow of traffic to one-way operations. Christopher evaluated the traffic data and impacts from this proposed improvement along the roadway segments and intersections.

SR 934/79th Street/Kennedy Causeway Corridor Study | North Bay Village, FL

Project Manager for this corridor study for SR 934/79 Street/Kennedy Causeway within the limits of the North Bay Village. The improvements were identified from the NBV 100 Master Plan to prioritize people over cars and transform the SR 934/79 Street/ Kennedy Causeway corridor to a complete street design with on-street parking, buffered bicycle lanes, and lower posted and operating speeds. To achieve this vision, the corridor, which is a State Road facility under the jurisdiction of the Florida Department of Transportation (FDOT), will require a context classification and lane repurposing study that is approved by FDOT. The study follows the FDOT lane repurposing process and includes traffic and safety analysis, conceptual design, and stakeholder engagement.

SR 870/Commercial Boulevard Bridge Feasibility Study over Intracoastal Waterway | FDOT District 4

Project Manager for this feasibility study for SR 870/Commercial Boulevard Bridge over the Intracoastal Waterway (Bridge No.: 860144). The FDOT District 4 conducted a study of several bridges along the intracoastal waterway to assess bicycle and pedestrian activity, safety, and identify high priority bridges to improve bicycle and pedestrian facilities. SR 870/Commercial Boulevard was a priority bridge. This is a bascule/movable bridge that was originally constructed in the 1960s. It is classified as functionally obsolete due to the narrow sidewalk and lack of traffic barrier. Chris was the Project Manager for this feasibility study. Activities included identification of three potential build alternatives, evaluation of the structural components, assessment of the existing environmental resources, conducting a vessel survey, coordination with United States Coast Guard (USCG) since this is a navigable waterway under their jurisdiction, conceptual design of the three build alternatives, identifying right of way needs, developing cost estimates, identifying potential permits, and evaluating the three bridges.

NW 59th Avenue Extension | Miami Lakes, FL

Traffic Engineer that led the Signal Warrant Study. This project includes the planning, design, permitting, coordination, and construction phase services for the NW 59th Avenue roadway extension and bridge.

Traffic Operations and Parking Assessment of the SW 8 Street and SW 39 Avenue Area | Miami, FL

Deputy Task Manager for this study. Developed document, coordinated/reviewed data collection effort, performed field reviews, and analyzed traffic operations of the area utilizing SYNCHRO software.



Jason Yam PE

Roadway Design / MOT Task Manager
22 years of experience

Jason has considerable experience in project management for Florida Department of Transportation (FDOT) and local government roadway design projects. Most of his career has been spent serving as project engineer or project manager for roadway projects, ranging from small rural to large interstate systems. He is extremely knowledgeable in the preparation of roadway plans, signing and pavement marking plans, and maintenance of traffic plans.

EDUCATION

BSCE, Florida State University, 1999

REGISTRATIONS

Professional Engineer #62449, State of Florida

PROJECT EXPERIENCE

Palm Creek Culvert Replacement | Hernando County, FL

Engineer of Record. The culvert crossing for this spring fed creek was deteriorating and required replacement. Our team studied the project limits and provided the County with multiple options, as well as associated impacts and costs, to determine the most cost effective replacement type for the existing 96" corrugated metal pipe crossing. Stantec provided design for the replacement of a culvert carrying Palm Creek Drive over Palm Creek. The structure consists of a single-barrel concrete box culvert with a span of 8 feet and a length of 40 feet. In order to reduce impacts to the creek, adjacent homeowners and nearby driveways, the box culvert was selected as the preferred alternative. Stantec's team moved forward and provided construction plans and permits for the County that did not impact any property owners and on schedule. Other related design activities included utility design, signing and pavement markings, structures design and detour plans.

US 19 from CR 578 to Toucan Trail | Hernando County, FL

Deputy Project Manager for milling and resurfacing and widening 3.7 miles of US 19. Services provided included drainage, signing and pavement marking, signalization, and lighting design as well as right-of-way mapping and subsurface utility engineering. The project included five signalized intersections along with five non-signalized intersections. ADA deficiencies were addressed along the corridor. In addition, a multi-modal needs study was performed to determine a need for this service.

SR 50 from US 19 to West of CR 587 (Mariner Boulevard) | FDOT District Seven, Hernando County, FL

Project Engineer for widening 3.8 miles of SR 50 to the outside by adding an additional lane in each direction to provide a six-lane divided rural section and milling and resurfacing of the existing four lanes. Proposed pedestrian and bicyclist features include constructing a five-foot sidewalk on the north side and a 12-foot-wide shared use path on the south side. This project also includes the milling and resurfacing of a portion of US 19 (SR 55). The project also includes drainage design, lighting plans and signing and pavement marking plans.

CR 578 to Hernando / Pasco County Line | FDOT District Seven, FL

Project Engineer for the reconstruction of 2.5 miles of an existing two-lane rural section of roadway to a four-lane urban and suburban facility. Services include roadway plans, horizontal and vertical geometry, typical section alternatives, drainage and pond locations, signing and pavement markings, signalization, traffic control plans, utility coordination, subsurface utility excavation and public involvement. Pinellas Trail Loop Alignment Study, Pinellas County, FL. Project Engineer for the Pinellas Trail Loop Alignment Study in support of the County's 2015 Tiger Grants submission. This study explored and identified the preferred alignment for two missing gaps in the existing Pinellas Trail Loop. The study areas are located near the center of urbanized Pinellas County and completes the multi-use trail link from Tarpon Springs to St. Petersburg. The corridor will provide a significant recreational and commuter feature.



Ananda Bergeron PE, ENV SP

Structures Task Manager
22 years of experience

Ms. Bergeron has 22 years of wideranging experience in structural engineering that includes new design, rehabilitation, inspection, analysis, permitting and master planning for infrastructure projects with a focus on on coastal projects including bridges, fishing piers, seawalls, boardwalks, docks, and other miscellaneous structures.

EDUCATION

MS, University of Texas, 2003

BSCE, University of Florida, 2001, Magna Cum Laude

REGISTRATIONS

Professional Engineer #65632, State of Florida

Envision Certified #34498

MEMBERSHIPS

Florida Engineering Leadership Institute

PROJECT EXPERIENCE

Bayport Pier Replacement | Hernando County, FL

Project Manager. Provided design services and construction plans preparation for the demolition and reconstruction of the Bayport Pier. The pier was damaged by Hurricane Hermine. A Structural Condition Assessment was made of the pier and it was deemed irreparable. The County received approval from FEMA to move forward with tearing down and replacing the Bayport Pier, in kind, with a new timber structure.

Linda Pederson Park Improvements | Hernando County, FL

Project Manager. This improvements project includes engineering services for the replacement of approximately 300 feet of seawall and boardwalk and new retaining wall along the swimming area, a new swim platform, new ADA-compliant sidewalk, and associated supplementary services. Other improvements include the addition of a canoe and kayak launch area. Environmental services included wetland delineation, aquatic resource survey, Environmental Resource Permit exemption, and USACE permit.

WPA Road | Hernando County, FL

Structures Engineer. Ananda is providing structures support for the WPA Road Improvements project including the design new retaining walls.

Palm Creek Culvert Replacement | Hernando County, FL

Structural Quality Control Reviewer for replacement of a culvert carrying Palm Creek Drive over Palm Creek in Weeki Wachee. The structure consists of a single-barrel concrete box culvert with a span of 8 feet and a length of 40 feet. The project is currently near the end of the design phase and has a preliminary construction cost estimate of \$440,000.

Countywide Boat Ramp Master Plan | Hernando County, FL

The Board of County Commissioners operates 10 boat launch facilities providing for watercraft access to both fresh and saltwater areas within the County. The County has deemed it necessary to provide a master plan for the boat ramp facilities that will outline improvements and upgrades necessary to meet the needs of the community as well as address any existing deficiencies currently existing within the system.

Sunshine Grove Road at Jacqueline Road Intersection Improvements | Hernando County, FL

Structures Engineer to evaluate features based on plans provided and revise the design of the Sunshine Grove at Jacqueline Road intersection improvements. Changes to the design consist of sidewalk design, S&PM, revise drainage design, temporary construction easement area, and updated quantities.

Facility Design Guidelines Update | Hernando County, FL

Structures Engineer. Ananda is currently serving as project manager for the update of Hernando County's Facility Design Guidelines.



Mark Foster PSM

Survey & Mapping / SUE Task Manager
38 years of experience

Mark has served in various surveying roles throughout his career including survey party chief, survey technician, field crew supervisor, project surveyor, and survey project manager. His current responsibilities as a Senior Project Manager and Principal include client coordination, preparation of proposals, management of projects, supervision of field and office personnel, and preparation of survey maps and reports.

REGISTRATIONS

Professional Land Surveyor #5535, State of Florida
Envision Certified #29171

MEMBERSHIPS

Point of Contact, Society of American Military Engineers, Tampa Bay Post

PROJECT EXPERIENCE

Berth 150 Aggregate Transfer Facility | Rinker Materials | Hillsborough County, FL

Responsible for overall project surveying activities, research, computations, and document production. Engineering, landscape design, permitting, and ecological services which included grading, drainage, and utilities; relocation of a two-lane urban roadway with utilities, and off-site roadway improvements were part of this project.

Tarmac Cement Terminal Berth 219 | Tampa, FL

Responsible for project surveying activities, research, computations, and document production for the design and permitting of a cement storage/distribution plan facility with truck, rail and marine access.

The Grande at Sand Key | Sand Key, FL

Responsible for boundary survey and horizontal and vertical control surveys to support the development of this mixed-use development.

Port Tampa Bay Hooker's Point Security Entrance | Tampa, FL

Responsible for the acquisition of base data to support engineering design and for construction layout surveys of structural and architectural building components of the project. This project consists of a two-story, 12,500 s.f. security building, access control gates, inspection stations and weigh scales, related parking, utilities, and a stormwater management facility.

South-Pointe | Hillsborough County, FL

Responsible for boundary survey and horizontal and vertical control surveys to support the development of this mixed-use development.

Lexington Oaks | Pasco County, FL

Responsible for the horizontal and vertical control surveys to support the development of this mixed-use development. Also provided the construction layout and boundary survey of the golf course portion of the project.

Heritage Harbor | Hillsborough County, FL

Responsible for the survey services for this 800-acre residential/golf course community. Prepared boundary, jurisdictional wetland location, hydroperiod, and horizontal and vertical control surveys. Also responsible for the subsequent layout surveys necessary for construction of numerous phases of this planned development.

Hawks Landing | KPS Group | Tampa, FL

Responsible for the construction layout of buildings and selected site infrastructure for this 7.4 acre/420-bed student housing development on a 7.38-acre property of Dale Mabry Campus of Hillsborough County Community College in Tampa.

The Sanctuary Affordable Housing Rezone | Metropolitan Ministries | Tampa, FL

Responsible for all project surveying activities related to the construction and as-built surveys required for the rezone for a one-acre, affordable housing project for Metropolitan Ministries.

Continuing Services Contract | Manatee County, FL

Stantec provided SUE services under a continuing services task order contract as a subconsultant to multiple surveying firms. Projects performed involved subsurface utility investigations, designations and excavation in support of roadway design, pipeline design and water treatment plant design projects.

NANCY ADAMS, P.E.
Adams Traffic, Inc.

Nancy Adams is president of Adams Traffic, Inc., which provides traffic data collection services throughout Florida. Nancy has 33 years of engineering experience. She started her career in roadway design and then joined FDOT District Seven in the traffic design department before starting a traffic engineering consulting firm. Nancy started Adams Traffic in 2001 with a commitment to providing accurate, professional traffic data collection services on schedule. Nancy's traffic count experience is extensive. She has been responsible for hundreds of data collection assignments for the Florida DOT and many local government agencies. She provides hands-on service and is personally involved in the management, scheduling, collection, reporting and quality review of each Adams Traffic assignment. Nancy reviews every count before submittal to the client and has been responsible for the collection of thousands of accurate traffic counts in the past 23 years.

Registration:

Professional Engineer, Florida - #49288, 1995

Education:

B.S., Civil Engineering, University of South Florida, 1990

Work Experience:

President, Adams Traffic, Inc., January 2001 to Present

President, Markham – Stukes, Inc., May 1994 to December 1999

Traffic Design Engineer, Florida DOT District Seven, February 1992 to May 1994

Project Engineer, Seminole Engineering, May 1990 to February 1992

Project Experience:

Ms. Adams has served as Adams Traffic's project manager on the following projects:

Districtwide Traffic Studies, FDOT District One – Subconsultant providing traffic data collection on two concurrent district-wide contracts. Assignments have included approach counts, turning movement counts, delay studies and speed studies throughout the district.

Statistics Traffic Counts, FDOT District One – Subconsultant providing annual volume and classification counts in Highlands, Polk, DeSoto, Manatee, Lee, and Hardee Counties.

District Environmental Management Office (DEMO) Districtwide Consultant, FDOT District One – Subconsultant providing traffic data collection on districtwide contract responsible for development and evaluation of engineering and environmental studies for transportation improvements. Recently completed counts along Bonita Beach Road, SR 64, and US 98 corridors.

Districtwide Safety Studies & Design, FDOT District One – Subconsultant providing traffic data collection in support of safety projects throughout the district. Collected pedestrian crossing counts along SR 70 in Okeechobee County and SR 80 in Hendry County.

SR 35 (US 98) from W Daughtery Rd to North of W Socrum Loop Rd PD&E Study, FDOT District One – Subconsultant responsible for collecting classification, volume, turning movement, and pedestrian counts along Lakeland corridor.

TSM&O Traffic Signal Retiming, FDOT District Five – Subconsultant providing traffic data collection on signal retiming assignments. Recently collected turning movement counts and 7-day volume counts for eight corridors.

Districtwide Safety Studies & Design, FDOT District Five – Subconsultant providing traffic data collection in support of safety projects throughout the district. Recently collected turning movement, speed, and pedestrian crossing counts.

Districtwide Traffic Operational Studies for Innovative Intersection and Interchange Treatments, FDOT District Seven – Subconsultant responsible for traffic data collection services to the District Traffic Operations office. Data collection includes volume, intersection turning movement, and pedestrian counts.

AMY GUISINGER, P.E.

Principal Engineer

22 Years Professional Experience



Education

MS, Civil Engineering,
Geotechnical, University of
Florida, 2003

BS, Civil Engineering, University
of Florida, 2000

AA, Pre-Engineering, Manatee
Community College, 1997

Professional Organization and Registration

Professional Engineer:
Florida, 63989

Professional Experience

Amy Guisinger, P.E., is a Florida-Registered Professional Engineer with more than 22 years of experience in geotechnical engineering, materials testing, and inspection services. Amy specializes in shallow and deep foundation analyses, retaining wall and soil anchor system design, settlement and slope stability analyses, and pavement evaluation for roadways, bridges, retaining walls, retention ponds, and ground settlement projects. Her experience in the commercial and government sector includes single-story to multi-story residential buildings, parking garages, districtwide or continuing service contracts, conventional design projects, and design-build projects. She has provided her expertise on over 50 bridge and roadway design projects for the FDOT throughout Districts 1, 2, 3, 4, and 7. Amy has over 16 years of experience providing engineering support on Districtwide Geotechnical Services Contracts for FDOT Districts 1 and 7.

Relevant Project Experience

County Line Road and Linden Drive, Hernando County, Florida. Ms. Guisinger served as the Principal Engineer for the Geotechnical Engineering Study for County Line Road and Linden Drive located in Hernando County, Florida. The project consisted of the construction of a new traffic signal at the existing intersection. The study was performed to obtain information on the existing subsurface conditions at the traffic signal pole locations to assist in the design and preparation of construction plans. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundation design and drilled shaft construction.

Mariner Boulevard and Landover Boulevard, Hernando County, Florida. Ms. Guisinger served as the Principal Engineer for the Geotechnical Engineering Study for Mariner Boulevard and Landover Boulevard located in Hernando County, Florida. The project consisted of the construction of a new traffic signal at the existing intersection. The study was performed to obtain information on the existing subsurface conditions at the traffic signal pole locations to assist in the design and preparation of construction plans. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundation design and drilled shaft construction.

Additional Relevant Project Experience

- ✓ Citrus County Cross Florida Barge Canal Boat Ramp, Citrus County, Florida
- ✓ E. Martin Luther King Jr. Drive and S. Spring Blvd Roundabout, Tarpon Springs, Florida
- ✓ Hays Road, City of Tarpon Springs, Florida
- ✓ Nebraska Avenue from Alternate US 19 to Westlake Boulevard, Pinellas County, Florida
- ✓ Whitcomb Bayou Multi-Use Path, City of Tarpon Springs, Florida
- ✓ Interchange High Mast Lighting Replacement, Manatee County, Florida and Polk County, Florida; FPID No. 446816-1-52-01
- ✓ I-275/SR 93 from S of Kennedy Blvd to S of Lois Avenue, Hillsborough County, Florida; FPID No. 441111-1-52-01

December 4, 2023

Attn: Alisa Pike
Hernando County Board of County Commissioners
Department of Public Works
1525 E. Jefferson St.
Brooksville, Florida 34601

380 Park Place Boulevard
Suite 300
Clearwater, Florida 33759

Phone 727.531.3505
Fax 727.539.1294
www.Stantec.com

RE: 23-RFQ00414/CR - Continuing Traffic Engineering Services

Dear Ms. Pike and Selection Committee Members:

Stantec is pleased to submit this Statement of Qualifications for your RFQ for Continuing Traffic Engineering Services. Our team has a long history working with Hernando County as one of your Professional Services Consultants providing responsive service to the County on an as-needed basis for over 18 years. We bring to you a full-service consulting firm with the small team and local focus you have come to know from our continuing services. Stantec looks forward to continuing this long-standing relationship and desires to continue to assist you in achieving your objectives through the Consultants Competitive Negotiation Act (CCNA) agreement.

Our years of experience working with County staff and successful completion of numerous projects affords Stantec an understanding of the objectives of such a role and the full breadth of technical opportunities and challenges underlying County projects. We have collected County project data and have accumulated a vast knowledge and data base of the County, therefore, the County will continue to get a return on their investment from these previous efforts and benefit from the team's continuity of services and familiarity with the County's infrastructure.

As a local firm with numerous employees living in and around the County, we have a vested interest in supporting your mission of providing superior services that enhance the quality of life and community pride for residence. We look forward to continuing our strong partnership with the County's highly professional and dedicated staff. During our 18-year working relationship, Stantec has been your engineering consultant for upwards of 70 successful ongoing and past assignments including:

- > On-Call Traffic Impact Analysis Review
- > County Line Road and Landover Drive Traffic Signalization
- > Hernando County School Zone Signing and Marking Plans
- > Yontz Road Extension from Howell Avenue to US 41
- > Fiber Optic Extension (Zone 3) Interconnect Plans
- > US 19 Fiber Optic Extension (Zones 06 and 08)
- > Clearance Timing Development for 38 Intersections
- > Mast Arm Assessment - Elgin Blvd. and Mariner Blvd.
- > Mast Arm Assessment - Elgin Blvd. and Henderson St.
- > Sunshine Grove Rd. at Jacqueline Rd. Intersection Improvements
- > Deltona Boulevard Widening
- > Coronado Drive Drainage Improvements
- > Spring Hill Dr. Intersection Improvements

Stantec will support this contract with our approximately 400 associates located in offices throughout West-Central Florida including Brooksville, Clearwater, Riverview, and Tampa.

We have assembled a team that is familiar to the County and with the expertise to provide the full spectrum of requested services. These core team members have partnered for many years to provide professional engineering services to many other counties and cities in Florida. We bring current municipal engineering experience with familiarity to the County's way of doing business using the following subconsulting firms:

- > Adams Traffic, Inc. – Data Collection
- > Tierra South Florida, Inc. – Geotechnical Engineering

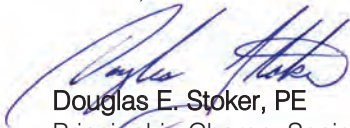
Why Select Stantec?

- ✓ **Local Team, International Resources:** As your locally-based consultant team backed by the resources of a large international company, we have the specialized talent and equipment needed to provide the appropriate level of service for both large and small projects. All firms included on our assembled team can provide world-class service and personnel, all while operating with a personal approach.

- ✓ **Your Known Professional:** We have provided professional services to the County under continuing contracts, and we are proud of our proven track record with the County on various civil/site, transportation, planning, utility, environmental, stormwater, GIS/asset management, subsurface utility engineering (SUE), utility coordination, survey, landscape architecture, and other miscellaneous projects.
- ✓ **Cost-Conscious:** Understanding the current challenges in the marketplace with labor availability and material costs, we will continue to find innovative, cost-conscious, and sustainable solutions for your projects. Our extensive experience as consultants for various local governments and public institutions throughout the Southeast US provides us with a unique understanding of cost processes and procedures for a variety of clients.
- ✓ **Commitment:** As a full-service civil engineering, surveying, landscape architecture, planning and environmental firm, Stantec has the necessary resources to provide all the required services for this contract. We are fully committed to Hernando County. You are our first priority.
- ✓ **Qualified:** Stantec brings nearly 70 years of civil engineering and design services to West-Central Florida. Founded in 1954, Stantec is one of the largest full-service civil and environmental firms in the United States. We have built a reputation for high-quality and cost-effective solutions working for state and local government clients.
- ✓ **Workload:** With our large staff and current workload, Stantec can complete projects on or ahead of schedule. In addition to our local staff, we have nearly 900 staff members in 18 Florida offices that can be utilized in a moment's notice. There will be no challenge completing any project for the County.

We believe that creative infrastructure solutions can only be achieved by understanding the community, which is why at Stantec we always design with community in mind. Thank you for your consideration of our qualifications. We remain personally committed to the continued development of the County and commit the resources to support you in turning your visions into reality.

Sincerely,
Stantec, Inc.



Douglas E. Stoker, PE
Principal-in-Charge, Senior Principal
Company Signatory
727.431.1550
douglas.stoker@stantec.com



Mark Modjeski, PE, IMSA II
Project Manager, Senior Principal
813.712.2933
mark.modjeski@stantec.com



December 4, 2023

Attn: Alisa Pike
Hernando County Board of County Commissioners
Department of Public Works
1525 E. Jefferson St.
Brooksville, Florida 34601

380 Park Place Boulevard
Suite 300
Clearwater, Florida 33759
Phone 727.531.3505
Fax 727.539.1294
www.Stantec.com

RE: 23-RFQ00414/CR - Continuing Traffic Engineering Services

Dear Ms. Pike and Selection Committee Members:

Stantec is pleased to submit this Statement of Qualifications for your RFQ for Continuing Traffic Engineering Services. Our team has a long history working with Hernando County as one of your Professional Services Consultants providing responsive service to the County on an as-needed basis for over 18 years. We bring to you a full-service consulting firm with the small team and local focus you have come to know from our continuing services. Stantec looks forward to continuing this long-standing relationship and desires to continue to assist you in achieving your objectives through the Consultants Competitive Negotiation Act (CCNA) agreement.

Our years of experience working with County staff and successful completion of numerous projects affords Stantec an understanding of the objectives of such a role and the full breadth of technical opportunities and challenges underlying County projects. We have collected County project data and have accumulated a vast knowledge and data base of the County, therefore, the County will continue to get a return on their investment from these previous efforts and benefit from the team's continuity of services and familiarity with the County's infrastructure.

As a local firm with numerous employees living in and around the County, we have a vested interest in supporting your mission of providing superior services that enhance the quality of life and community pride for residence. We look forward to continuing our strong partnership with the County's highly professional and dedicated staff. During our 18-year working relationship, Stantec has been your engineering consultant for upwards of 70 successful ongoing and past assignments including:

- > On-Call Traffic Impact Analysis Review
- > County Line Road and Landover Drive Traffic Signalization
- > Hernando County School Zone Signing and Marking Plans
- > Yontz Road Extension from Howell Avenue to US 41
- > Fiber Optic Extension (Zone 3) Interconnect Plans
- > US 19 Fiber Optic Extension (Zones 06 and 08)
- > Clearance Timing Development for 38 Intersections
- > Mast Arm Assessment - Elgin Blvd. and Mariner Blvd.
- > Mast Arm Assessment - Elgin Blvd. and Henderson St.
- > Sunshine Grove Rd. at Jacqueline Rd. Intersection Improvements
- > Deltona Boulevard Widening
- > Coronado Drive Drainage Improvements
- > Spring Hill Dr. Intersection Improvements

Stantec will support this contract with our approximately 400 associates located in offices throughout West-Central Florida including Brooksville, Clearwater, Riverview, and Tampa.

We have assembled a team that is familiar to the County and with the expertise to provide the full spectrum of requested services. These core team members have partnered for many years to provide professional engineering services to many other counties and cities in Florida. We bring current municipal engineering experience with familiarity to the County's way of doing business using the following subconsulting firms:

- > Adams Traffic, Inc. – Data Collection
- > Tierra South Florida, Inc. – Geotechnical Engineering

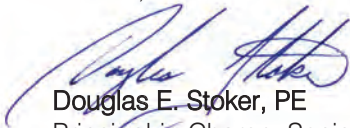
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- ✓ **Your Known Professional:** We have provided professional services to the County under continuing contracts, and we are proud of our proven track record with the County on various civil/site, transportation, planning, utility, environmental, stormwater, GIS/asset management, subsurface utility engineering (SUE), utility coordination, survey, landscape architecture, and other miscellaneous projects.
- ✓ **Cost-Conscious:** Understanding the current challenges in the marketplace with labor availability and material costs, we will continue to find innovative, cost-conscious, and sustainable solutions for your projects. Our extensive experience as consultants for various local governments and public institutions throughout the Southeast US provides us with a unique understanding of cost processes and procedures for a variety of clients.
- ✓ **Commitment:** As a full-service civil engineering, surveying, landscape architecture, planning and environmental firm, Stantec has the necessary resources to provide all the required services for this contract. We are fully committed to Hernando County. You are our first priority.
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Sincerely,
Stantec, Inc.



Douglas E. Stoker, PE
Principal-in-Charge, Senior Principal
Company Signatory
727.431.1550
douglas.stoker@stantec.com



Mark Modjeski, PE, IMSA II
Project Manager, Senior Principal
813.712.2933
mark.modjeski@stantec.com

Project Team

Stantec's project team combines deep, local knowledge and ready resources with award-winning expertise and best practices. Our broad-based knowledge of Hernando County along with our highly skilled disciplinary experts and the right management team will deliver successful results on time and within budget.

Our experience enables us to anticipate possible problem areas and dedicate necessary resources where needed. Our project managers are experienced in public and stakeholder coordination, contract administration, task staffing and scheduling, budget management, quality control/assurance including peer reviews, decision-making coordination, and timely status reporting and programmatic adjustments.

Key Staff Involvement in Project Management and On-Site Presence

Any projects issued under this contract will be led by Project Manager Mark Modjeski, PE, IMSA II, from our Riverview office. He will work with you to understand and articulate expectations, to provide adequate contingencies in both project budgets and scheduling, and to establish critical milestones and decision-making strategies. Mark will coordinate key and support staff, and we will work as an integrated team to effectively manage and deliver your projects.

Our team will be on-site as needed for kick-off through the construction phase and project close-out. A project specific Safety Plan is developed for each project and all personnel performing work on the project site are required to review, acknowledge, and participate in the implementation of the plan for the safety of everyone involved.

PROJECT MANAGER

Mark Modjeski, PE, IMSA II

727.423.8007

mark.modjeski@stantec.com

3905 Crescent Park Drive
Riverview, FL 33578

PRINCIPAL-in-CHARGE

Doug Stoker, PE

727.431.1550

douglas.stoker@stantec.com

380 Park Place Blvd., Suite 300
Clearwater, FL 33759



Mark Modjeski PE, IMSA II

Project Manager

727.423.8007

mark.modjeski@stantec.com

Years of Experience: 36

Licenses: Professional Engineer FL #54838;
IMSA Traffic Signal Technician II, No. BB21381;
IMSA Traffic Signal Electrician II, No. BE21381

Education: BS, Chemical Engineering

Mark will serve as Project Manager and Chief Engineer. He has 36 years of experience and serves as Senior Principal of Stantec's Traffic Operations Group. Mark oversees Stantec's Traffic Operations and Design efforts. His experience includes transportation planning, access management, traffic impact analysis, operational and safety studies, traffic signal, lighting, signing, pavement marking, ITS, and ATMS design. Prior to coming on board with Stantec, he served as a project manager and bid specialist with a local signalization, highway lighting and signing contractor. He holds IMSA Level II certifications as both a traffic signal technician and traffic signal electrician.



Doug Stoker PE

Principal-in-Charge / QA Manager

727.431.1550

douglas.stoker@stantec.com

Years of Experience: 30

Licenses: Professional Engineer FL #50659

Education: ME, Civil Engineering; BS, Civil
Engineering, University of Florida

Doug has 30 years of infrastructure, engineering, and project management experience. He has extensive experience in all aspects of surface transportation analysis and design, including a long history of bridge and structures design as well as project management on conventional and design-build projects. He worked with FDOT Central Office to develop a quality assurance review process that was used to audit consultants and district offices and has served as QA Manager for all transportation design efforts for nearly a decade.



Jim Hunt PE
Quality Control
727.431.1593
james.hunt@stantec.com

Years of Experience: 49
Licenses: Professional Engineer FL #24160
Education: BS, Civil Engineering, Clarkson College of Technology

Jim is a senior-level Project Manager and Roadway Engineer with varied experience in the planning, design, construction, and management of highway and civil projects for FDOT and municipal clients. Included in his experience are surveys, preliminary engineering studies, design, CEI and construction management, value engineering studies, quality control reviews, and various general consultant services.



Christian Kline PE
Traffic Operations Analysis & Review
Task Manager
813.223.9500
christian.kline@stantec.com

Years of Experience: 9
Licenses: Professional Engineer FL #87433
Education: BS, Civil Engineering, University of Florida

Christian is a Traffic Planner and Transportation Engineer with 9 years of experience. Christian is a detail-oriented engineer, and due to his experience in urban planning, his approach is strategic and enhances the communities it brings to bear. His technical experience includes arterial and intersection level-of-service analyses, ICE analyses, signal timing optimization, signal warrant analyses, pedestrian warrant analyses, corridor studies, traffic impact analyses, micro and macro traffic modeling, long-range transportation planning/modeling, access management, traffic calming measures, roadway design, signing and pavement marking, multiuse trails, and complete streets. He has computer experience with AutoCAD, CUBE, FSUTMS, Synchro / SimTraffic, HCS, and SIDRA.



David Allen PE
Traffic Signalization, S&PM, ITS Task
Manager
813.257.0005
david.allen@stantec.com

Years of Experience: 26
Licenses: Professional Engineer FL #58540
Education: BS, Civil Engineering; MS, Transportation Engineering

David is a Senior Traffic Engineer with 26 years of experience. He is proficient in developing signalization designs, signing and pavement markings design, lighting analysis and design, ATMS and performing signal retiming/coordination. During the design phase, David coordinates with the maintaining agencies for the latest standards and specifications and power companies for services for lighting and signals. Along with design, he has provided peer review of Signal and Lighting Plans and Traffic Studies. Mr. Allen has also developed designs to accommodate requested client needs to make immediate improvements which includes lighting and signal issues. He has computer program experience with MicroStation, AutoCAD, Synchro, and the lighting analysis software Visual.



Chris Benitez PE, PTOE, RSP
Traffic Safety Task Manager
305.445.2900
chris.benitez@stantec.com

Years of Experience: 17
Licenses: Professional Engineer FL #74035, Road Safety Professional #323, Professional Traffic Operations Engineer #4286
Education: BS, Civil Engineering, Florida International University

Chris has 17 years of experience as a transportation engineer working on several types of projects including multimodal/complete street projects, Project Development & Environment (PD&E) Studies, traffic, and safety engineering, Efficient Transportation Decision Making (ETDM) activities, interchange, expressway, and corridor planning and design, transit planning, public involvement, training, and presentations, and managing task order/on-call contracts.



Jason Yam PE
 Roadway Design / MOT Task Manager
 727.531.3505
 jason.yam@stantec.com

Years of Experience: 22
Licenses: Professional Engineer FL #62449; FDOT Maintenance of Traffic
Education: BS, Civil Engineering, Florida State University

Mr. Yam has considerable experience in project management for FDOT and local government roadway design projects. Most of his career has been spent serving as project engineer or project manager for roadway projects ranging from small rural to large interstate systems. He is extremely knowledgeable in the preparation of roadway plans, S&PM, and maintenance of traffic plans. Mr. Yam is very experienced with FDOT and Florida Greenbook standards and requirements.



Ananda Bergeron PE, ENV SP
 Structures Task Manager
 727.531.3505
 ananda.bergeron@stantec.com

Years of Experience: 22
Licenses: Professional Engineer FL #65632; Envision Sustainability Professional #34498
Education: ME, Civil Engineering; BS, Civil Engineering, University of Florida

Ananda has extensive experience in structural engineering. Her vast experience with FDOT bridge design includes the design of continuous steel girder bridges, prestressed concrete girder bridges, and cast-in-place concrete bridges for multilevel interchanges, grade-separation interchanges, and coastal and riverine water crossings. She also has experience with miscellaneous structures design, bridge rehabilitation, and existing bridge load ratings. Her miscellaneous structures design experience includes retaining walls, box culverts, signal structures, and bridge fender systems. In Ananda's consultant experience she has served several municipal clients including Hernando, Pinellas, Collier, and Manatee Counties, and all districts of the FDOT.



Mark Foster PSM
 Survey & Mapping / SUE Task Manager
 813.927.1675
 mark.foster@stantec.com

Years of Experience: 38
Licenses: Professional Land Surveyor FL #5535
Education: Coursework, University of Florida

Mark has served in various surveying roles throughout his career including survey party chief, survey technician, field crew supervisor, project surveyor, and survey project manager. His current responsibilities as a Senior Project Manager and Principal include client coordination, preparation of proposals, management of projects, supervision of field and office personnel, and preparation of survey maps and reports.

Meet Our Teaming Partners



Tierra South Florida, Inc. d/b/a TSFGEO, is a full-service consulting Geotechnical Engineering, Construction Materials Testing, and Inspections firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and MicroStation plan sheets, laboratory soils testing, and construction engineering inspection services. Our professional team is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. Our services also include threshold/special inspection and roofing inspection services. TSFGEO is a certified Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation and a certified Small Business Enterprise (SBE)



Amy Guisinger PE
 Geotechnical Engineering Task
 Manager
 813.993.0093
 aguisinger@tsfgeo.com

Years of Experience: 22

Licenses: Professional Engineering FL #63989

Education: MS, Civil Engineering, University of Florida; BS, Civil Engineering, University of Florida

Amy Guisinger, P.E., is a Florida-Registered Professional Engineer with 22 years of experience in geotechnical engineering, materials testing, and inspection services. Amy specializes in shallow and deep foundation analyses, retaining wall and soil anchor system design, settlement and slope stability analyses, and pavement evaluation for roadways, bridges, retaining walls, retention ponds, and ground settlement projects. Her experience in the commercial and government sector includes single-story to multi-story residential buildings, parking garages, districtwide or continuing service contracts, conventional design projects, and design-build projects.



Adams Traffic (AT) has provided traffic data collection services in Florida for over 22 years. AT serves as the traffic data collection subconsultant on numerous FDOT districtwide contracts including traffic and safety studies, statistics annual counts, signal retiming, and PD&E studies. Data is collected by experienced staff utilizing high quality equipment including 65 machine traffic counters, 30 video camera systems, and 30 turning movement count boards. AT staff are both knowledgeable of data collection standards and committed to accurate traffic counts on schedule. All counts are reviewed by a professional engineer before submittal to the client.



Nancy Adams PE
 Data Collection Task Manager
 813.763.7763
 nadams@adamstraff.com

Years of Experience: 33

Licenses: Professional Engineering FL #49288

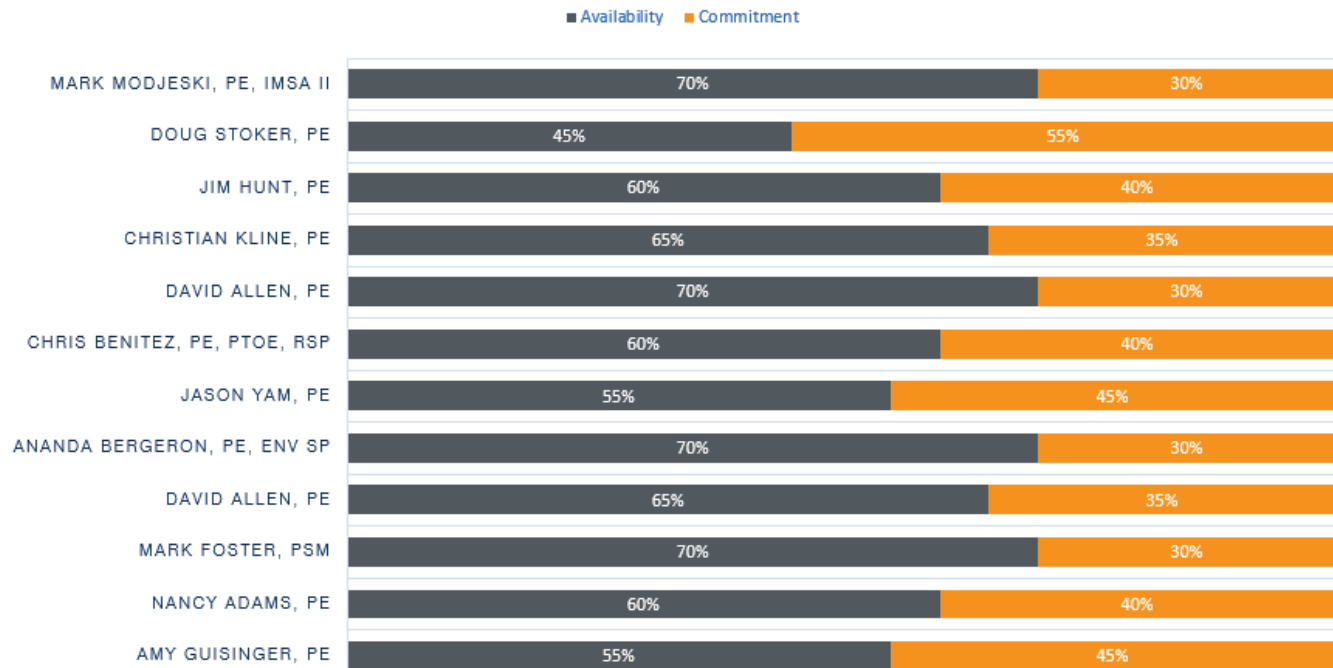
Education: BSA, Civil Engineering, University of South Florida

Nancy Adams has 33 years of transportation and traffic engineering experience. She has been responsible for hundreds of FDOT traffic data collection assignments and thousands of counts as part of planning, design, and traffic operations contracts with Districts One, Five, and Seven. Ms. Adams provides hands-on service and is personally involved in the scheduling, data collection, quality review, and submittal of each assignment.

Time Commitment of Key Staff

Winning work and securing future opportunities is important to a successful business, but to do so without having the ability to properly serve the client due to workload issues is an all-too-common mistake. Stantec utilizes internal project tracking tools, allowing our project managers to get a daily update on project status as well as projecting future workload to ensure adequate staffing levels. Stantec has determined after careful review of current and future workload that we have adequate staff availability over the next five plus years. Our key staff's availability to assign to this contract can be seen in the table below.

KEY PERSONNEL AVAILABILITY



Experience on projects as a team

The chart below depicts our team members' shared experience with the scope items under this contract.

	Data Collection	Traffic Operational and Safety Studies	Traffic Impact and Access Management Studies	Coordinated Traffic Signal Timing	Utility Coordination	Intersection Improvements	Signing and Pavement Marking	Traffic Signalization	Lighting	Fiber Optic and ITS Design	Traffic Calming	Temporary Traffic Control Plans	Structures Review and Assessment	Public Awareness
Mark Modjeski, PE, IMSA II	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆
Doug Stoker, PE	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Jim Hunt, PE	◆	◆			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Christian Kline, PE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				
David Allen, PE	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆			◆
Howard Holley, IMSA II	◆				◆	◆	◆	◆	◆					◆
Chris Benitez, PE, PTOE, RSP	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆				◆
Matt Maher, PE, PTOE, RSP	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆
Matt Crim, PE, PTOE		◆	◆	◆	◆	◆	◆	◆	◆		◆			◆
Wayne Ponder	◆	◆	◆			◆				◆				
Jason Yam, PE			◆	◆	◆	◆				◆	◆			◆
Jeremy Runkle, PE			◆	◆	◆	◆				◆	◆			◆
Katie Agoado, PE			◆	◆	◆	◆				◆	◆			◆
Ananda Bergeron, PE, ENV SP				◆		◆	◆			◆	◆	◆	◆	◆
Chris Gamache, PE, QBI				◆		◆	◆			◆	◆	◆	◆	◆
Thomas Howell, PE				◆		◆	◆			◆	◆	◆	◆	◆



Mark Modjeski PE, IMSA II

Project Manager
36 years of experience

Mark will serve as Project Manager and Chief Engineer. He has 36 years of experience and serves as Senior Principal of Stantec's Traffic Operations Group. Mark oversees Stantec's Traffic Operations and Design efforts. His experience includes transportation planning, access management, traffic impact analysis, operational and safety studies, traffic signal, lighting, signing, pavement marking, ITS and ATMS design. Prior to coming on board with Stantec, he served as a project manager and bid specialist with a local signalization, highway lighting and signing contractor. He holds IMSA Level II certifications as both a traffic signal technician and traffic signal electrician.

EDUCATION

BS, Chemical Engineering, University of South Florida, 1987

REGISTRATIONS

Professional Engineer #54838, State of Florida
International Municipal Signal Association, Traffic Signal and Electrician Technician Level II #BB21381

MEMBERSHIPS

International Municipal Signal Association

PROJECT EXPERIENCE

CR 578 (County Line Road) | FDOT District 7 | Hernando and Pasco County, FL

Project Engineer for the reconstruction of 2.5 miles of an existing two-lane rural section of roadway to a four-lane urban and suburban facility. Services include roadway plans, horizontal and vertical geometry, typical section alternatives, drainage and pond locations, signing and pavement markings, signalization, traffic control plans, utility coordination, SUE, and public involvement.

US 19, Zones 06 and 08 Fiber Optic Extension | Hernando County, FL

Project Manager and Chief Engineer for the design of 1/3 mile of Fiber Optic cable along Spring Hill Drive. This project also provided for the upgrade of six existing signalized intersections from dial-up master-slave configuration using multi-mode fiber to single mode fiber and TCIP compliance.

Elgin Boulevard Fiber Optic Extension | Hernando County, FL

Project Manager and Chief Engineer for the design of 1.5 miles of fiber optic cable communications along Elgin Boulevard, connecting three isolated traffic signals. This design included providing communications hardware to facilitate both legacy communications and future TCIP implementation.

US 19 from CR 578 to South of Toucan Trail | Hernando County, FL

Project Manager and QC Reviewer for design for new lighting from CR 578 to Spring Hill Drive as well as adjustments to the existing lighting from Spring Hill Drive to south of Toucan Trail. Replaced existing lighting due to roadway widening and regrading. Performed a Lighting Analysis Report from CR 578 to Spring Hill Drive. Also responsible for design of signing and pavement marking plans.

Calienta Street Stormwater and Roadway Improvements | Hernando County, FL

Traffic Engineer. This project includes a Preliminary Engineering Report (PER) and evaluation of alternatives for Calienta Street and Petit Lane, Petit Lane and Shoal Line Drive new intersection, and improvements to the Shoal Line Drive and Calienta Street intersection. The objective of the project is to improve safety, traffic circulation, pedestrian facility, and stormwater collection and conveyance systems.

Sunshine Grove Road at Jacqueline Road Intersection Improvements | Hernando County, FL

Project Engineer to evaluate features based on plans provided and revise the design of the Sunshine Grove at Jacqueline Road intersection improvements. Changes to the design consist of sidewalk design, S&PM, revise drainage design, temporary construction easement area, and updated quantities.



Doug Stoker PE

Principal-in-Charge / QA Manager
30 years of experience



Doug has 30 years of infrastructure, engineering, and project management experience. He has extensive experience in all aspects of surface transportation analysis and design, including a long history of bridge and structures design as well as project management on conventional and design-build projects. He worked with FDOT Central Office to develop a quality assurance review process that was used to audit consultants and district offices and has served as QA Manager for all transportation design efforts for nearly a decade.

EDUCATION

ME, University of Florida, 1992

BSCS, University of Florida, 1991

REGISTRATIONS

Professional Engineer #50659

MEMBERSHIPS

American Society of Civil Engineers (ASCE), No. 273984

American Society of Highway Engineers (ASHE)

Florida Engineering Society (FES)

PROJECT EXPERIENCE

Bayport Pier Replacement | Hernando County, FL

Design services and construction plans preparation for the demolition and reconstruction of the Bayport Pier. The pier was damaged last year by Hurricane Hermine. A Structural Condition Assessment was made of the pier and it has been deemed to be non-reparable. The County has received approval from FEMA to move forward with tearing down and replacing the Bayport Pier, in kind, with a new timber structure.

Linda Pederson Park Improvements | Hernando County, FL

QA Manager/Principal-in-Charge. This improvements project includes engineering services for the replacement of approximately 300 feet of seawall and boardwalk and new retaining wall along the swimming area, a new swim platform, new ADA-compliant sidewalk, and associated supplementary services. Other improvements include the addition of a canoe and kayak launch area. Environmental services included wetland delineation, aquatic resource survey, Environmental Resource Permit exemption, and USACE permit.

Intersection Improvements | Hernando County, FL

Principal-in-Charge to evaluate features based on plans provided and revise the design of the Sunshine Grove at Jacqueline Road intersection improvements. Changes to the design consist of sidewalk design, S&PM, revise drainage design, temporary construction easement area, and updated quantities.

US 19 from SR 50 to the Hernando/Citrus County Line | FDOT District Seven, FL

Quality Assurance Manager for this resurfacing, restoration, and rehabilitation (RRR) project consisting of milling and resurfacing US 19 in Hernando County from SR 50 to the Hernando/Citrus County line. This stretch of US 19 is 12.3 miles of divided rural highway with several median openings. The project provides widening for left-turn deceleration lanes in the median as well as five feet of widening at the right-turn lanes to provide a bicycle lane key-way. Sidewalk will also be constructed on both sides of the roadway for the first 6.1 miles of the project.

Hernando County Government Center and Parking Lot Improvements | Hernando County, FL

Principal-in-Charge. The tasks involved with this project include the evaluation of the architectural and engineering potential of relocating the main building entrance, the evaluation of significant interior renovations associated with the relocation of the main entrance, the consideration of additional disabled parking adjacent to the new entrance, and the consideration of the realignment and widening of the entrance drive to Magnolia Street. The current Government Center main entrance configuration includes stairs and an elevated walkway to the second floor of the building.

Sunshine Grove Road at Jacqueline Road



Jim Hunt PE

Quality Control
49 years of experience



Mr. Hunt is a senior level Project Manager/Roadway Engineer with varied experience in the planning, design, construction and management of highway and civil projects for FDOT and municipal clients. Included are surveys, preliminary engineering studies, design, CEI and construction management, value engineering studies, quality control reviews and various general consultant services.

EDUCATION

BS, Civil Engineering, 1971

REGISTRATIONS

Professional Engineer #24160, State of Florida

PROJECT EXPERIENCE

Various phase submittals including the following design projects:

- SR 200 Resurfacing in Marion County, Florida
- Multiple Sidewalk/Trail Enhancement Projects in FDOT Districts Seven and One
- US 19 in Hernando County, Florida
- SR 70 in Okeechobee County, Florida
- I-75 in Lee County, Florida
- SR 50 in Hernando County, Florida
- SR 50 in Brevard County, Florida
- SR 50 in Orange County, Florida
- SR 436 in Orange County, Florida
- SR 5A in Volusia County, Florida
- Columbus Drive Extension Design-Build in Hillsborough County, Florida
- SR 699 (Gulf Boulevard) in Pinellas County, Florida
- Dade City Rails to Trails in Pasco County, Florida
- CR 578 (County Line Road) between Hernando and Pasco Counties, Florida
- SR 580 (Hillsborough Avenue) in Hillsborough County, Florida
- Bee Ridge Road in Sarasota County, Florida
- SR 500 (2 sections) in Osceola County, Florida
- Metro Parkway, Sections I and II in Fort Myers, Lee County, Florida
- I-95/Fuller Warren Bridge Replacement in Jacksonville, Duval County, Florida

Final Plans Review for FDOT District Four

Project Manager for plans review services for over 100 design phase submittals by consultants and in-house design sections for RRR, enhancement and reconstruction projects. Included review for conformance with FDOT and AASHTO standards and criteria, plan preparation requirements, constructability and biddability. Other assignments included miscellaneous support of FDOT in-house design sections, preparation of specifications packages, and preparation of Construction Contract Duration Estimate CPM Schedules. Included development of database of review comments.

- Columbus Drive Extension Design-Build in Hillsborough County, Florida
- SR 699 (Gulf Boulevard) in Pinellas County, Florida
- Dade City Rails to Trails in Pasco County, Florida
- CR 578 (County Line Road) between Hernando and Pasco Counties, Florida
- SR 580 (Hillsborough Avenue) in Hillsborough County, Florida
- Bee Ridge Road in Sarasota County, Florida
- SR 500 (2 sections) in Osceola County, Florida
- Metro Parkway, Sections I and II in Fort Myers, Lee County, Florida
- I-95/Fuller Warren Bridge Replacement in Jacksonville, Duval County, Florida



David Allen PE

Traffic Signalization, S&PM, ITS Task Manager
26 years of experience

David is a Senior Traffic Engineer with 26 years of experience. He is proficient in developing signalization designs, signing and pavement markings design, lighting analysis and design, ATMS and performing signal retiming/coordination. During the design phase, David coordinates with the maintaining agencies for the latest standards and specifications and power companies for services for lighting and signals. Along with design, he has provided peer review of Signal and Lighting Plans and Traffic Studies. Mr. Allen has also developed designs to accommodate requested client needs to make immediate improvements which includes lighting and signal issues. He has computer program experience with MicroStation, AutoCAD, Synchro, and the lighting analysis software Visual.

EDUCATION

BS, Civil Engineering, 1993

MS, Transportation Engineering, 1996

REGISTRATIONS

Professional Engineer #58540

MEMBERSHIPS

Institute of Transportation Engineers

PROJECT EXPERIENCE

US 19, Zones 06 and 08 Fiber Optic Extension | Hernando County, FL

Senior Project Engineer and Engineer of Record for developing the design of 1/3 mile of Fiber Optic cable along Spring Hill Drive. This project also provided for the upgrade of six existing signalized intersections from dial-up master-slave configuration using multi-mode fiber to single mode fiber and TCIP compliance.

Mariner Boulevard Overhead Reduced Speed Zone Beacons at Springstead High School | Hernando County, FL

Senior Traffic Engineer and Engineer of Record of developing school zone signage that includes mast arms with mounted overhead flashing beacon school signs and ground mounted solar powered school speed reduction signs for Hernando County. Also included was a mid-block crossing with a center lane median for additional safety.

Zone 03 Fiber Optic Extension | Hernando County, FL

Senior Project Engineer and Engineer of Record for developing the design of Fiber Optic cable from Hernando County TMC to the existing signal cabinet at Jefferson Street at SR 50 for Hernando County. This project also provided for the upgrade of two existing signalized intersections from dial-up master-slave configuration using multi-mode fiber to single mode fiber and TCIP compliance.

US 19 from CR 578 to South of Toucan Trail | Hernando County, FL

Engineer-of-Record for design for new lighting from CR 578 to Spring Hill Drive as well as adjustments to the existing lighting from Spring Hill Drive to south of Toucan Trail. Replaced existing lighting due to roadway widening and regrading. Produced a Lighting Analysis Report from CR 578 to Spring Hill Drive. Also responsible for design of signing and pavement marking.

CR 578 (County Line Road) | FDOT District 7 | Hernando and Pasco County, FL

Traffic Engineer for signal and interconnect design for the reconstruction of 2.5 miles of an existing two-lane rural section of roadway to a four-lane urban and suburban facility. The signalized intersections include US 19 at CR 578 and CR 578 at Grand Club Drive / Dartmouth Avenue.

Sunshine Grove Realignment | Hernando County, FL

Traffic Engineer for design of the Signalization Plan for Ken Austin and Sunshine Grove Road and the relocation of a school sign and beacon.

Elgin Boulevard Fiber Optic Extension | Hernando County, FL

Senior Project Engineer and Engineer-of-Record for the design of 1.5 miles of Fiber Optic cable along Elgin Boulevard to connect 3 traffic signals to the County's existing network. This trunk also created a redundant ring between Mariner Boulevard and Spring Hill Drive.



Christian Kline PE

Traffic Operations Analysis & Review Task Manager
9 years of experience

Christian is a Traffic Planner and Transportation Engineer with 9 years of experience. Christian is a detail-oriented engineer, and due to his experience in urban planning, his approach is strategic and enhances the communities it brings to bear. His technical experience includes arterial and intersection level-of-service analyses, ICE analyses, signal timing optimization, signal warrant analyses, pedestrian warrant analyses, corridor studies, traffic impact analyses, micro and macro traffic modeling, long-range transportation planning/modeling, access management, traffic calming measures, roadway design, signing and pavement marking, multiuse trials, and complete streets. He has computer experience with AutoCAD, CUBE, FSUTMS, Synchro / SimTraffic, HCS, and SIDRA.

EDUCATION

BS, Civil Engineering, University of Florida

REGISTRATIONS

Professional Engineer #87433

PROJECT EXPERIENCE

Golden Gate Blvd. Design-Build | Collier County, FL

Serve as a Project Engineer, responsible for the drainage design, managing utility conflicts and development of plans. The Golden Glades Interchange of regional importance providing connectivity to six major principal arterials and/or limited access expressway facilities including I-95, SR 9, SR 91 (Florida's Turnpike), US-441/SR 7 and SR 826.

Waterfront Downtown Master Plan | Tampa, FL

Served as the Transportation Planner on Strategic Property Partners' team for the Waterfront Downtown Master Plan, Tampa's first mixed-use, walkable downtown district. Work effort consisted of planning and designing a comprehensive street network to accommodate all modes of travel (vehicle, pedestrian, bicycle, and transit).

Golden Glades Interchange Improvements | Miami-Dade County, FL

Serve as a Project Engineer, responsible for the drainage design, managing utility conflicts and development of plans. The Golden Glades Interchange of regional importance providing connectivity to six major principal arterials and/or limited access expressway facilities including I-95, SR 9, SR 91 (Florida's Turnpike), US-441/SR 7 and SR 826.

Varrea | Plant City, FL

Served as the lead Transportation Planner for an analysis of traffic impacts for Varrea. Varrea is a mixed-use residential community and includes 2,640 dwelling units, 345,000 square feet of commercial, and 50,000 square feet of office space. Work effort included travel demand modeling, trip generation, future year traffic projections, trip assignment, capacity analysis, and report preparation.

Lakewood Centre DRI | Lakewood Ranch, FL

Served as the Transportation Planner for a design traffic study for the extension of White Eagle Boulevard to SR 64. Project elements included data collections, future year traffic forecasting, capacity and operational analyses, and turn lane storage length recommendations.

Parrish Lakes DRI | Manatee County, FL

Served as the Lead Transportation Planner for an analysis of traffic impacts for a Development of Regional Impact known as Parrish Lakes. Parrish Lakes is a mixed-use residential community and includes 3,300 dwelling units, 400,000 square feet of commercial, and 50,000 square feet of office space. Work effort included travel demand modeling, trip generation, future year traffic projections, trip assignment, capacity analysis, and report preparation.

Sarasota National DOCC | Sarasota County, FL

Served as the lead Transportation Planner for an analysis of traffic impacts for a Development of Critical Concern known as Sarasota National. Sarasota National is a residential community and includes 1,584 dwelling units. Work effort included travel demand modeling, trip generation, future year traffic projections, trip assignment, capacity analysis, and report preparation.



Chris Benitez PE, PTOE, RSP

Traffic Safety Task Manager
17 years of experience



Chris has 17 years of experience as a transportation engineer working on several types of projects including multimodal/complete street projects, Project Development & Environment (PD&E) Studies, traffic and safety engineering, Efficient Transportation Decision Making (ETDM) activities, interchange, expressway, and corridor planning and design, transit planning, public involvement, training and presentations, and managing task order/on-call contracts.

EDUCATION

BS, Chemical Engineering, University of Miami, 2006

REGISTRATIONS

Professional Engineer #74035, State of Florida

Road Safety Professional #323

Professional Traffic Operations Engineer #4286

PROJECT EXPERIENCE

Intersection Control Evaluation (ICE) along SR 70 from Lorraine Road to CR 675 | FDOT District 1

Task Manager supporting the prime consultant, BCC Engineering. Conducted the 2020 and 2021 annual reviews of the Draft Miami-Dade TPO Transportation Improvement Program (TIP) ensuring that it is consistent with the TIP Review Checklist.

Traffic Flow Modification Study at Stillwater Drive and 79 Street | City of Miami Beach, FL

Project Manager for a traffic study that evaluated the repurposing of travel lanes for parking within the City of Miami Beach. This improvement would modify the flow of traffic to one-way operations. Christopher evaluated the traffic data and impacts from this proposed improvement along the roadway segments and intersections.

SR 934/79th Street/Kennedy Causeway Corridor Study | North Bay Village, FL

Project Manager for this corridor study for SR 934/79 Street/Kennedy Causeway within the limits of the North Bay Village. The improvements were identified from the NBV 100 Master Plan to prioritize people over cars and transform the SR 934/79 Street/ Kennedy Causeway corridor to a complete street design with on-street parking, buffered bicycle lanes, and lower posted and operating speeds. To achieve this vision, the corridor, which is a State Road facility under the jurisdiction of the Florida Department of Transportation (FDOT), will require a context classification and lane repurposing study that is approved by FDOT. The study follows the FDOT lane repurposing process and includes traffic and safety analysis, conceptual design, and stakeholder engagement.

SR 870/Commercial Boulevard Bridge Feasibility Study over Intracoastal Waterway | FDOT District 4

Project Manager for this feasibility study for SR 870/Commercial Boulevard Bridge over the Intracoastal Waterway (Bridge No.: 860144). The FDOT District 4 conducted a study of several bridges along the intracoastal waterway to assess bicycle and pedestrian activity, safety, and identify high priority bridges to improve bicycle and pedestrian facilities. SR 870/Commercial Boulevard was a priority bridge. This is a bascule/movable bridge that was originally constructed in the 1960s. It is classified as functionally obsolete due to the narrow sidewalk and lack of traffic barrier. Chris was the Project Manager for this feasibility study. Activities included identification of three potential build alternatives, evaluation of the structural components, assessment of the existing environmental resources, conducting a vessel survey, coordination with United States Coast Guard (USCG) since this is a navigable waterway under their jurisdiction, conceptual design of the three build alternatives, identifying right of way needs, developing cost estimates, identifying potential permits, and evaluating the three bridges.

NW 59th Avenue Extension | Miami Lakes, FL

Traffic Engineer that led the Signal Warrant Study. This project includes the planning, design, permitting, coordination, and construction phase services for the NW 59th Avenue roadway extension and bridge.

Traffic Operations and Parking Assessment of the SW 8 Street and SW 39 Avenue Area | Miami, FL

Deputy Task Manager for this study. Developed document, coordinated/reviewed data collection effort, performed field reviews, and analyzed traffic operations of the area utilizing SYNCHRO software.



Jason Yam PE

Roadway Design / MOT Task Manager
22 years of experience

Jason has considerable experience in project management for Florida Department of Transportation (FDOT) and local government roadway design projects. Most of his career has been spent serving as project engineer or project manager for roadway projects, ranging from small rural to large interstate systems. He is extremely knowledgeable in the preparation of roadway plans, signing and pavement marking plans, and maintenance of traffic plans.

EDUCATION

BSCE, Florida State University, 1999

REGISTRATIONS

Professional Engineer #62449, State of Florida

PROJECT EXPERIENCE

Palm Creek Culvert Replacement | Hernando County, FL

Engineer of Record. The culvert crossing for this spring fed creek was deteriorating and required replacement. Our team studied the project limits and provided the County with multiple options, as well as associated impacts and costs, to determine the most cost effective replacement type for the existing 96" corrugated metal pipe crossing. Stantec provided design for the replacement of a culvert carrying Palm Creek Drive over Palm Creek. The structure consists of a single-barrel concrete box culvert with a span of 8 feet and a length of 40 feet. In order to reduce impacts to the creek, adjacent homeowners and nearby driveways, the box culvert was selected as the preferred alternative. Stantec's team moved forward and provided construction plans and permits for the County that did not impact any property owners and on schedule. Other related design activities included utility design, signing and pavement markings, structures design and detour plans.

US 19 from CR 578 to Toucan Trail | Hernando County, FL

Deputy Project Manager for milling and resurfacing and widening 3.7 miles of US 19. Services provided included drainage, signing and pavement marking, signalization, and lighting design as well as right-of-way mapping and subsurface utility engineering. The project included five signalized intersections along with five non-signalized intersections. ADA deficiencies were addressed along the corridor. In addition, a multi-modal needs study was performed to determine a need for this service.

SR 50 from US 19 to West of CR 587 (Mariner Boulevard) | FDOT District Seven, Hernando County, FL

Project Engineer for widening 3.8 miles of SR 50 to the outside by adding an additional lane in each direction to provide a six-lane divided rural section and milling and resurfacing of the existing four lanes. Proposed pedestrian and bicyclist features include constructing a five-foot sidewalk on the north side and a 12-foot-wide shared use path on the south side. This project also includes the milling and resurfacing of a portion of US 19 (SR 55). The project also includes drainage design, lighting plans and signing and pavement marking plans.

CR 578 to Hernando / Pasco County Line | FDOT District Seven, FL

Project Engineer for the reconstruction of 2.5 miles of an existing two-lane rural section of roadway to a four-lane urban and suburban facility. Services include roadway plans, horizontal and vertical geometry, typical section alternatives, drainage and pond locations, signing and pavement markings, signalization, traffic control plans, utility coordination, subsurface utility excavation and public involvement. Pinellas Trail Loop Alignment Study, Pinellas County, FL. Project Engineer for the Pinellas Trail Loop Alignment Study in support of the County's 2015 Tiger Grants submission. This study explored and identified the preferred alignment for two missing gaps in the existing Pinellas Trail Loop. The study areas are located near the center of urbanized Pinellas County and completes the multi-use trail link from Tarpon Springs to St. Petersburg. The corridor will provide a significant recreational and commuter feature.



Ananda Bergeron PE, ENV SP

Structures Task Manager
22 years of experience

Ms. Bergeron has 22 years of wideranging experience in structural engineering that includes new design, rehabilitation, inspection, analysis, permitting and master planning for infrastructure projects with a focus on on coastal projects including bridges, fishing piers, seawalls, boardwalks, docks, and other miscellaneous structures.

EDUCATION

MS, University of Texas, 2003

BSCE, University of Florida, 2001, Magna Cum Laude

REGISTRATIONS

Professional Engineer #65632, State of Florida

Envision Certified #34498

MEMBERSHIPS

Florida Engineering Leadership Institute

PROJECT EXPERIENCE

Bayport Pier Replacement | Hernando County, FL

Project Manager. Provided design services and construction plans preparation for the demolition and reconstruction of the Bayport Pier. The pier was damaged by Hurricane Hermine. A Structural Condition Assessment was made of the pier and it was deemed irreparable. The County received approval from FEMA to move forward with tearing down and replacing the Bayport Pier, in kind, with a new timber structure.

Linda Pederson Park Improvements | Hernando County, FL

Project Manager. This improvements project includes engineering services for the replacement of approximately 300 feet of seawall and boardwalk and new retaining wall along the swimming area, a new swim platform, new ADA-compliant sidewalk, and associated supplementary services. Other improvements include the addition of a canoe and kayak launch area. Environmental services included wetland delineation, aquatic resource survey, Environmental Resource Permit exemption, and USACE permit.

WPA Road | Hernando County, FL

Structures Engineer. Ananda is providing structures support for the WPA Road Improvements project including the design new retaining walls.

Palm Creek Culvert Replacement | Hernando County, FL

Structural Quality Control Reviewer for replacement of a culvert carrying Palm Creek Drive over Palm Creek in Weeki Wachee. The structure consists of a single-barrel concrete box culvert with a span of 8 feet and a length of 40 feet. The project is currently near the end of the design phase and has a preliminary construction cost estimate of \$440,000.

Countywide Boat Ramp Master Plan | Hernando County, FL

The Board of County Commissioners operates 10 boat launch facilities providing for watercraft access to both fresh and saltwater areas within the County. The County has deemed it necessary to provide a master plan for the boat ramp facilities that will outline improvements and upgrades necessary to meet the needs of the community as well as address any existing deficiencies currently existing within the system.

Sunshine Grove Road at Jacqueline Road Intersection Improvements | Hernando County, FL

Structures Engineer to evaluate features based on plans provided and revise the design of the Sunshine Grove at Jacqueline Road intersection improvements. Changes to the design consist of sidewalk design, S&PM, revise drainage design, temporary construction easement area, and updated quantities.

Facility Design Guidelines Update | Hernando County, FL

Structures Engineer. Ananda is currently serving as project manager for the update of Hernando County's Facility Design Guidelines.



Mark Foster PSM

Survey & Mapping / SUE Task Manager
38 years of experience

Mark has served in various surveying roles throughout his career including survey party chief, survey technician, field crew supervisor, project surveyor, and survey project manager. His current responsibilities as a Senior Project Manager and Principal include client coordination, preparation of proposals, management of projects, supervision of field and office personnel, and preparation of survey maps and reports.

REGISTRATIONS

Professional Land Surveyor #5535, State of Florida
Envision Certified #29171

MEMBERSHIPS

Point of Contact, Society of American Military Engineers, Tampa Bay Post

PROJECT EXPERIENCE

Berth 150 Aggregate Transfer Facility | Rinker Materials | Hillsborough County, FL

Responsible for overall project surveying activities, research, computations, and document production. Engineering, landscape design, permitting, and ecological services which included grading, drainage, and utilities; relocation of a two-lane urban roadway with utilities, and off-site roadway improvements were part of this project.

Tarmac Cement Terminal Berth 219 | Tampa, FL

Responsible for project surveying activities, research, computations, and document production for the design and permitting of a cement storage/distribution plan facility with truck, rail and marine access.

The Grande at Sand Key | Sand Key, FL

Responsible for boundary survey and horizontal and vertical control surveys to support the development of this mixed-use development.

Port Tampa Bay Hooker's Point Security Entrance | Tampa, FL

Responsible for the acquisition of base data to support engineering design and for construction layout surveys of structural and architectural building components of the project. This project consists of a two-story, 12,500 s.f. security building, access control gates, inspection stations and weigh scales, related parking, utilities, and a stormwater management facility.

South-Pointe | Hillsborough County, FL

Responsible for boundary survey and horizontal and vertical control surveys to support the development of this mixed-use development.

Lexington Oaks | Pasco County, FL

Responsible for the horizontal and vertical control surveys to support the development of this mixed-use development. Also provided the construction layout and boundary survey of the golf course portion of the project.

Heritage Harbor | Hillsborough County, FL

Responsible for the survey services for this 800-acre residential/golf course community. Prepared boundary, jurisdictional wetland location, hydroperiod, and horizontal and vertical control surveys. Also responsible for the subsequent layout surveys necessary for construction of numerous phases of this planned development.

Hawks Landing | KPS Group | Tampa, FL

Responsible for the construction layout of buildings and selected site infrastructure for this 7.4 acre/420-bed student housing development on a 7.38-acre property of Dale Mabry Campus of Hillsborough County Community College in Tampa.

The Sanctuary Affordable Housing Rezone | Metropolitan Ministries | Tampa, FL

Responsible for all project surveying activities related to the construction and as-built surveys required for the rezone for a one-acre, affordable housing project for Metropolitan Ministries.

Continuing Services Contract | Manatee County, FL

Stantec provided SUE services under a continuing services task order contract as a subconsultant to multiple surveying firms. Projects performed involved subsurface utility investigations, designations and excavation in support of roadway design, pipeline design and water treatment plant design projects.

NANCY ADAMS, P.E.
Adams Traffic, Inc.

Nancy Adams is president of Adams Traffic, Inc., which provides traffic data collection services throughout Florida. Nancy has 33 years of engineering experience. She started her career in roadway design and then joined FDOT District Seven in the traffic design department before starting a traffic engineering consulting firm. Nancy started Adams Traffic in 2001 with a commitment to providing accurate, professional traffic data collection services on schedule. Nancy's traffic count experience is extensive. She has been responsible for hundreds of data collection assignments for the Florida DOT and many local government agencies. She provides hands-on service and is personally involved in the management, scheduling, collection, reporting and quality review of each Adams Traffic assignment. Nancy reviews every count before submittal to the client and has been responsible for the collection of thousands of accurate traffic counts in the past 23 years.

Registration:

Professional Engineer, Florida - #49288, 1995

Education:

B.S., Civil Engineering, University of South Florida, 1990

Work Experience:

President, Adams Traffic, Inc., January 2001 to Present

President, Markham – Stukes, Inc., May 1994 to December 1999

Traffic Design Engineer, Florida DOT District Seven, February 1992 to May 1994

Project Engineer, Seminole Engineering, May 1990 to February 1992

Project Experience:

Ms. Adams has served as Adams Traffic's project manager on the following projects:

Districtwide Traffic Studies, FDOT District One – Subconsultant providing traffic data collection on two concurrent district-wide contracts. Assignments have included approach counts, turning movement counts, delay studies and speed studies throughout the district.

Statistics Traffic Counts, FDOT District One – Subconsultant providing annual volume and classification counts in Highlands, Polk, DeSoto, Manatee, Lee, and Hardee Counties.

District Environmental Management Office (DEMO) Districtwide Consultant, FDOT District One – Subconsultant providing traffic data collection on districtwide contract responsible for development and evaluation of engineering and environmental studies for transportation improvements. Recently completed counts along Bonita Beach Road, SR 64, and US 98 corridors.

Districtwide Safety Studies & Design, FDOT District One – Subconsultant providing traffic data collection in support of safety projects throughout the district. Collected pedestrian crossing counts along SR 70 in Okeechobee County and SR 80 in Hendry County.

SR 35 (US 98) from W Daughtery Rd to North of W Socrum Loop Rd PD&E Study, FDOT District One – Subconsultant responsible for collecting classification, volume, turning movement, and pedestrian counts along Lakeland corridor.

TSM&O Traffic Signal Retiming, FDOT District Five – Subconsultant providing traffic data collection on signal retiming assignments. Recently collected turning movement counts and 7-day volume counts for eight corridors.

Districtwide Safety Studies & Design, FDOT District Five – Subconsultant providing traffic data collection in support of safety projects throughout the district. Recently collected turning movement, speed, and pedestrian crossing counts.

Districtwide Traffic Operational Studies for Innovative Intersection and Interchange Treatments, FDOT District Seven – Subconsultant responsible for traffic data collection services to the District Traffic Operations office. Data collection includes volume, intersection turning movement, and pedestrian counts.

AMY GUISINGER, P.E.

Principal Engineer

22 Years Professional Experience



Education

MS, Civil Engineering,
Geotechnical, University of
Florida, 2003

BS, Civil Engineering, University
of Florida, 2000

AA, Pre-Engineering, Manatee
Community College, 1997

Professional Organization and Registration

Professional Engineer:
Florida, 63989

Professional Experience

Amy Guisinger, P.E., is a Florida-Registered Professional Engineer with more than 22 years of experience in geotechnical engineering, materials testing, and inspection services. Amy specializes in shallow and deep foundation analyses, retaining wall and soil anchor system design, settlement and slope stability analyses, and pavement evaluation for roadways, bridges, retaining walls, retention ponds, and ground settlement projects. Her experience in the commercial and government sector includes single-story to multi-story residential buildings, parking garages, districtwide or continuing service contracts, conventional design projects, and design-build projects. She has provided her expertise on over 50 bridge and roadway design projects for the FDOT throughout Districts 1, 2, 3, 4, and 7. Amy has over 16 years of experience providing engineering support on Districtwide Geotechnical Services Contracts for FDOT Districts 1 and 7.

Relevant Project Experience

County Line Road and Linden Drive, Hernando County, Florida. Ms. Guisinger served as the Principal Engineer for the Geotechnical Engineering Study for County Line Road and Linden Drive located in Hernando County, Florida. The project consisted of the construction of a new traffic signal at the existing intersection. The study was performed to obtain information on the existing subsurface conditions at the traffic signal pole locations to assist in the design and preparation of construction plans. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundation design and drilled shaft construction.

Mariner Boulevard and Landover Boulevard, Hernando County, Florida. Ms. Guisinger served as the Principal Engineer for the Geotechnical Engineering Study for Mariner Boulevard and Landover Boulevard located in Hernando County, Florida. The project consisted of the construction of a new traffic signal at the existing intersection. The study was performed to obtain information on the existing subsurface conditions at the traffic signal pole locations to assist in the design and preparation of construction plans. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundation design and drilled shaft construction.

Additional Relevant Project Experience

- ✓ Citrus County Cross Florida Barge Canal Boat Ramp, Citrus County, Florida
- ✓ E. Martin Luther King Jr. Drive and S. Spring Blvd Roundabout, Tarpon Springs, Florida
- ✓ Hays Road, City of Tarpon Springs, Florida
- ✓ Nebraska Avenue from Alternate US 19 to Westlake Boulevard, Pinellas County, Florida
- ✓ Whitcomb Bayou Multi-Use Path, City of Tarpon Springs, Florida
- ✓ Interchange High Mast Lighting Replacement, Manatee County, Florida and Polk County, Florida; FPID No. 446816-1-52-01
- ✓ I-275/SR 93 from S of Kennedy Blvd to S of Lois Avenue, Hillsborough County, Florida; FPID No. 441111-1-52-01

Firm/Team Capabilities

Stantec, a recognized engineering industry leader, offers a staff of professional engineers and planners who have the necessary expertise in all areas to provide the Continuing Traffic Engineering Services needed by Hernando County. Stantec has been providing award-winning traffic engineering services to the Tampa Bay area and west central Florida for over three decades. Stantec's extensive experience encompasses all necessary services including signal warrant analyses, signalization, signing and marking, lighting, safety analysis, data collection and other related specialties.

Stantec's award-winning experience and capabilities should be apparent in this proposal. However, selection of an engineer should be based on more than just technical expertise. Hernando County needs an engineer who can share in the community vision and take pride in our work together. Stantec has shown its strong commitment to Hernando County by providing a project manager (Mark Modjeski) who has worked in the County and is extremely familiar with the County's requirements. Stantec will continue to provide innovative, comprehensive, cost-effective engineering solutions to meet the needs of Hernando County.

Experience with Similar Projects: Stantec's extensive traffic engineering experience throughout the State and Hernando County is an asset and can be counted on for this contract. Stantec has completed many transportation projects for numerous cities, counties and the Florida Department of Transportation. We have completed projects in Hernando County which include Fiber Extensions projects for Zones 3, 6 and 8, School Zone signage, CR 578, SR 50 and Elgin Boulevard widening. All of these local projects required Stantec's expertise in traffic engineering as well as design. We have a strong understanding of Hernando County and have the internal staff to complete any project. What this means is that the County will have no learning curves with Stantec. We know what is required to get the job done.

Local Familiarity and Location: Stantec has performed similar services on several projects within Hernando County. We have a strong understanding of Hernando County and have the resources to complete your projects on schedule.



Multidiscipline Resources: Stantec is prequalified by the FDOT to perform 36 categories of transportation-related engineering services for any Hernando County-owned roadway regardless of size. Qualifications also include roadway, structures, signing and marking plans and construction engineering inspections. Stantec's specialized services include Subsurface Utility Engineering (SUE); Ground Penetrating Radar (GPR); Traffic and Access Management; and Environmental Services.

Quality Assurance: Stantec received the AASHTO Quality Award for our attention to detail and quality control. Stantec is a Total Quality Management Firm that has been in motion for over 34 years. Stantec has developed procedures and processes to assist design and management staff to perform and monitor progress at every step during the deliverables process. As a result we have one of the highest success records in the Florida Insurance Industry represented by Aon Risk Services southwest, Inc. What impact does this have on the County? Our professional liability premiums are lower resulting in lower costs for the County.

Stantec focuses on building solid client relationships between our team and your staff, Council, and stakeholders.

Our Services

The services, which may be required, are diverse and multi-disciplinary. Stantec's team has been developed to respond to the full range of responsibilities outlined in the RFQ. The Stantec project manager is experienced in coordinating team efforts to meet the challenge that a constant flow of work efforts will provide. The Stantec Team is committed to providing Hernando County with quality staff, experienced and knowledgeable in all areas of proposed work.

Stantec's transportation planning, traffic operations, structures, SUE and roadway groups within the Infrastructure Division are staffed with professionals able to provide the County with the necessary expertise required for this contract. We have been providing these services for three decades. We have teamed with Adams Traffic, Inc., a FDOT DBE, to supplement our data collection activities and Tierra South Florida, a WBE/DBE firm for geotechnical services. Together, we have the staffing and experience to conduct the following:

- Roadway Design
- Traffic signal, Signing and Marking Design and Review
- ITS and ATMS Design
- ITS and Signalization CEI
- Data Collection
- Traffic Impact Analysis and Review
- Road Safety Audits
- Crash Analysis
- Roadway Network Modeling (SYNCHRO)
- Level of Service Analysis, (HCS+, Q/LOS)
- DRI Sufficiency Review and Analysis
- Transportation Modeling (FSUTMS/Cube)
- Trip Generation
- Roundabout design
- MOT plans
- Structures Design
- Geotechnical Exploration
- Subsurface Utility Investigation

Stantec's traffic operations group has many years of experience with Hernando County's traffic engineering needs having worked closely in the past with Scott Herring, Gerald O'Dell, Mike Ullven, and the rest of their team. From traffic signal and ITS/ATMS design to safety studies, our team can provide the services the County needs.

Stantec personnel will assist the County staff, and in coordination with the FDOT and Hernando County municipalities, discuss ITS issues, strategies,

technologies, etc. to provide an integrated system to benefit all users.

Our traffic operations group is the premier provider of Road Safety Audits (RSA), having contracts with Districts Seven, Three and One, along with several counties and municipalities. We have performed seven RSAs within Hernando County and over 100 throughout the counties of just District Seven alone. Not only do we recognize design flaws, but during the necessary field reviews we also 'see' operational and driver decisions that may create additional safety concerns that may not have been the original issue. As safety experts, we have a thorough understanding of the MUTCD and are fully capable to also provide support to the County's Residential Traffic Control Program.

Stantec also has in-house engineering professionals to accommodate all other support disciplines such as roadway, drainage, and structural design. We are geared towards preparing a quality set of biddable construction documents regardless of the job size. With our in-house roadway group, Stantec can provide services in traffic calming and roadway improvements. Examples include designing roundabouts, adding turn lanes, and updating curb ramps to the latest ADA standards. Staffed with a fully functioning structural engineering staff, Stantec can provide services from annual bridge condition evaluations, replacement and rehabilitation assessment, bridge design, to signage/signal pole and mast arm foundation design. In addition, our in-house Utilities Division can quickly mobilize to "clear" a proposed mast arm foundation (by use of non-destructive Subsurface Utility Engineering) for a proposed or upgraded traffic signal during the design phase to ensure a constructible set of plans. Stantec has over 20 engineering professionals who are fluent in AutoCAD. We have the ability to deliver projects using AutoCAD versions 2021 and 2022.

Our planning group has the staffing resources and depth of expertise to handle all aspects of planning activities required under this contract. Not only has our staff prepared DRIs, but have also served as an extension of County staff by reviewing traffic impact studies prepared by others. We fully understand the broad spectrum of traffic impact analysis, from large scale DRIs using the regional model to small scale traffic impact analysis using the gravity method to distribute traffic.

Transportation Engineering

Transportation is one of Stantec's primary service sectors. Today's transportation planning and engineering challenges include vehicular traffic, pedestrians, bicyclists, golf carts, scooters, buses, and rail, as well as airports and ports. Stantec's experienced highway and traffic engineers and planners help clients meet the challenges of transportation planning. We stay up to date on the latest developments, technology, environmental issues, economic considerations, and federal, state, and local regulations. We also have in-depth experience with feasibility studies for all types of transportation improvements.

Stantec's transportation experts develop creative solutions to meet your specific project goals. We offer a full range of services, from concept planning through review, environmental studies through final design, and development of construction plans/specifications to engineering support during construction.

Data Collection and Analysis

Our comprehensive investigative approach involves collecting a variety of data, such as 24-hour approach volume, turning counts, existing signal equipment inventory, intersection geometry, signal timings, controller settings, crash reports and current driving patterns. Once data is collected, we perform a detailed analysis and offer recommendations for design solutions. In addition, to achieve maximum effectiveness in our design solutions, Stantec takes full advantage of the latest software programs such as SYNCHRO, HCS, SINDRA, VISUAL, and Mathcad.

This combination of investigation and technology allows us to offer complete design solutions, including:

- Compiling traffic reports containing traffic signal warrant analysis, crash analysis, delay and speed studies, intersection analyses and origin / destination studies.
- Providing meaningful traffic report findings and recommendations for use in planning, design and construction for roadways, signalization, signing, pavement marking and roadway lighting.
- Preparing design and construction plans for signalization of individual intersections and groups of interconnected intersections.
- Designing steel, cantilevered mast arms or span wire assemblies supported by concrete or steel strain poles.

- Establishing signing and pavement marking criteria for safety and efficiency of vehicle and pedestrian traffic.
- Investigating roadway lighting requirements and producing designs to provide sufficient lighting to provide safety to night-time drivers and pedestrians.
- Developing traffic signal timing plans to deliver optimal throughput and progression on major thoroughfares during peak and off-peak times with minimum side-street delay.

Advanced Transportation Management Systems

As our existing roadways become more congested and expansion is not feasible due to the high cost of right-of-way, we are challenged with investing in alternate engineering techniques to maximize the capacity of our existing roadways. Stantec's staff has the technical expertise to integrate ITS/ATMS technology to provide its clients a robust traffic management system. We have proven experience in developing traffic management systems with the ability to collect and analyze real-time data used to assess the cause of congestion and expedite the appropriate measures of response as well as post roadway advisory information. Whether it's vehicle detector sites, closed circuit television surveillance, dynamic message signing or highway advisory radio, Stantec can design a seamless, user-friendly environment to manage and promote the safe and efficient transportation of goods, services and people.

Our ITS/ATMS professionals are adept at designing state-of-the-art advanced traffic management systems. While maintaining budgetary constraints, Stantec can conduct an inventory of existing infrastructure and legacy systems. Our cost-effective solutions ensure the maximum return on our clients' investment.

Our integration specialists have the experience to incorporate and troubleshoot the wide range of ITS/ATMS product lines and market packages necessary to develop a strongly constructed ITS/ATMS system.

Our complete Intelligent Transportation Services include:

- Advanced Traffic Management System Design
- Alternative Vehicle Detection Technologies
- Closed-Circuit Television Video Surveillance
- Dynamic Message Signing
- Fiber Optic Routing Plans
- ITS Support Structures Design

Road Safety Audits

With over 43,000 fatalities and approximately 3 million injuries occurring on our nation's highways each year, roadway safety remains one of the most challenging issues facing America. Stantec's transportation engineers and safety professionals are dedicated to reducing these fatalities and serious injuries and have embraced the national strategic goal of working toward zero deaths. Road Safety Audits (RSAs) have been championed by the Federal Highway Administration as an effective tool in improving the safety performance of transportation facilities. Stantec was among the first firms to practice Road Safety Audits in Florida. For nearly a decade, Stantec has performed RSAs on state and local government roadways.

Stantec engineers have organized and led well over a hundred formal Road Safety Audits and less formal Road Safety Assessments (SARs). We work in partnership with the maintaining agency to develop an effective RSA or SAR plan. We then perform crash analyses, conduct preliminary site assessments, assemble multi-disciplinary RSA/SAR teams, lead field reviews, facilitate the development safety improvement recommendations and document the RSA findings for the maintaining agency. Our experienced transportation engineers can then develop conceptual improvement plans for the agency or even detailed design plans for safety improvement projects.

We have found that successful Road Safety Audit programs require the full commitment and support from the leadership of the transportation agency. Stantec understands the challenges safety program managers face in garnering that commitment and support and we know how to facilitate collaboration to ensure buy-in at all levels. At the functional level, successful RSA programs require competent crash data analysis; involvement of multi-disciplinary teams comprised of individuals well versed in traffic operations, highway design, transit operations, pedestrian and bicycle safety, law enforcement, emergency response and human factors; and a seasoned RSA team leader to encourage meaningful contributions from all participants. Finally, as a results-oriented firm, Stantec can assist agencies with safety countermeasure development, implementation and evaluation through "before and after" crash reduction assessments.

Traffic Calming



Stantec is aware that excessive vehicular traffic and speeding are two of the most common residential traffic complaints. To help alleviate these neighborhood problems and frustrations, Stantec can provide solutions by upgrading and improving traffic handling capabilities of nearby roadways. Our various traffic calming techniques all share the goal of reducing vehicle speeds, improving safety and enhancing quality of life.

Stantec has been providing traffic calming services for more than a decade and has established itself as a leader in this area. We have conducted more than 100 community meetings dealing with speeding and excessive traffic volume.

Our traffic calming measures provide the necessary solutions to neighborhood complaints by:

- Encouraging citizen involvement in the process
- Reducing vehicular speeds
- Promoting safe and comfortable conditions for all road users including motorists, pedestrians and bicyclists
- Discouraging the use of residential streets by cut-through traffic
- Improving the environment and livability of neighborhood streets

Stantec's traffic calming techniques are tailored to each neighborhood. Our planning and design of these measures is based on the needs and wants of the local residents. Such devices include:

- Speed humps
- Traffic circles and roundabouts
- Brick streets
- Chicanes or curb extensions
- Barrier diverters
- Lane closures

Stantec provides the following technical services:

- Speed and volume counts
- Solutions for local roads and neighborhood collector roads
- Hearing master services by licensed engineers
- Traffic calming design
- Safety audits

Surveying / Geospatial / Geotechnical

On, above, and below the earth's surface— Stantec provides surveying and mapping to define land boundaries, the earth's physical features, and the built environment. Armed with tools like GPS, GIS, 3D laser scanners, and aerial photogrammetry, we deliver innovative solutions for remote and challenging environments or complex urban settings. Our projects are as broad as the places we work including residential, industrial, highway, rail, aviation, utility and power, environmental, oil and gas, federal, and institutional.

Geospatial is the science of collection, analysis, display, and management of spatial information. The art is interpreting this information for legal matters of land definition or to support mapping, design, or construction activities. Addressing unique logistical and technical aspects of each project, our experts offer services that include boundary and cadastral surveys, topographic mapping, construction staking, residential builder layout, ALTA/ACSM surveys, 3D laser scanning, geodetic and control surveys, route surveys, as-built surveys, aerial photogrammetric mapping, water rights surveys, hydrographic/bathymetric mapping, and subsurface utility engineering.

Workload

Our key staff dedicated to this contract is located in our Riverview office, fully supported from personnel located throughout Hillsborough and Pinellas Counties. We are fully committed to meeting your projects' requirements from start to finish.

Our available resources allow us to maintain schedules with no gaps in labor commitment. All staff members will be available upon notice to proceed and will be committed to these projects for the contract's duration.

Stantec offers the largest combination of pertinent resources available with the depth of personnel to effectively service the County's needs under this contract in a timely and cost-effective manner.

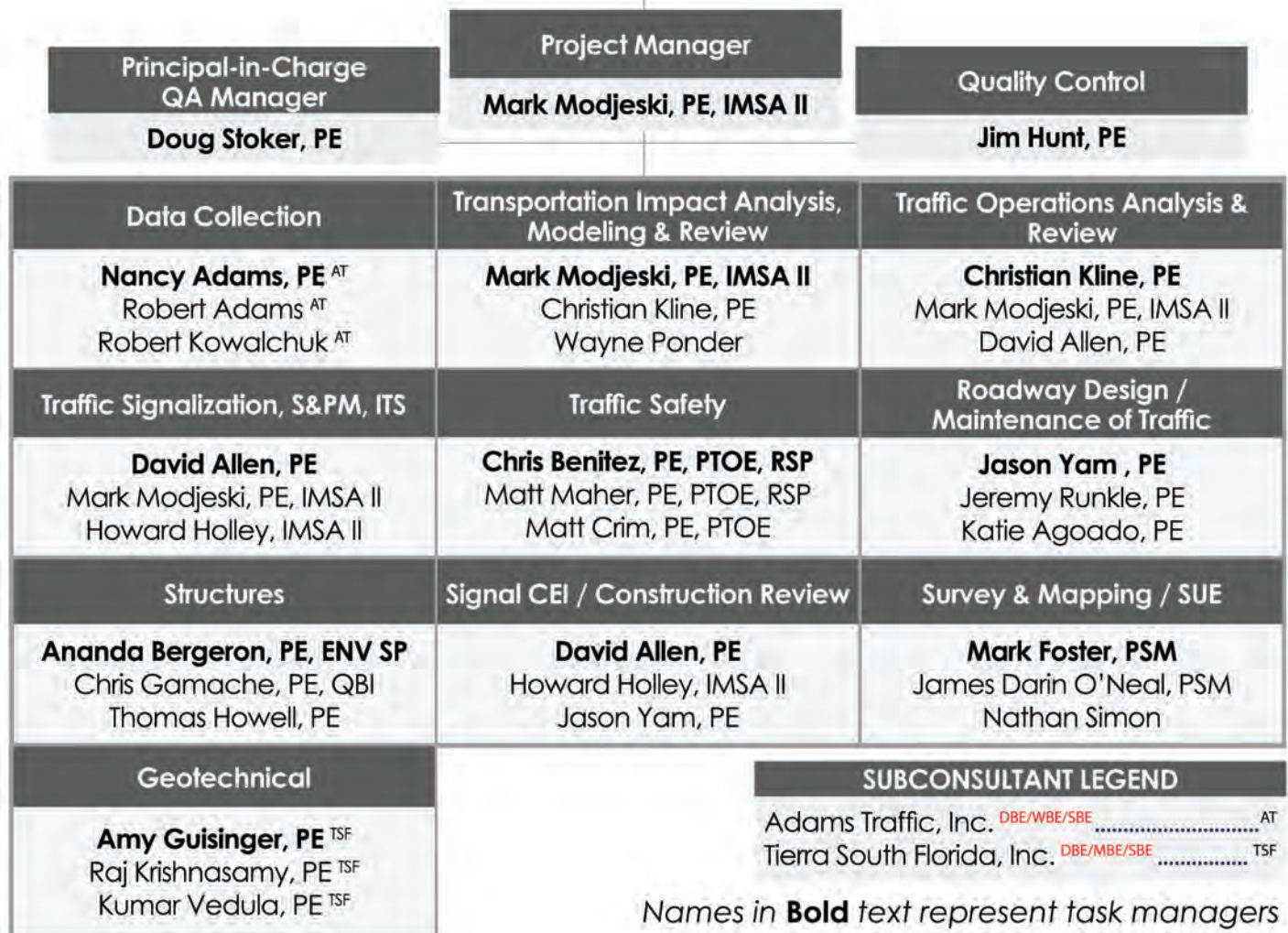
Our cross-trained staff allows us to remain flexible, such that full-time or part-time commitments of key staff to accelerate the schedule can be accommodated.

Stantec uses a combination of methods and tools that enable us to monitor, schedule, and budget labor and equipment resources for this contract, including resource management spreadsheets/reports, work breakdown structures in Microsoft Project, and monthly meetings with discipline managers. Each manager receives a weekly update of the resource management report that tracks the workload of our personnel and equipment use.

Based on workload as a percentage of capacity, the weekly reports indicate to managers which disciplines in our office are under goal, on target or above goal for utilization. This tracking method allows managers to best allocate labor and equipment resources and adjust priorities accordingly to ensure the project schedule is met. Our current forecast, workload projections, and staff/equipment resources allocation report shows that we have ample staff capacity, equipment, and project team availability to successfully complete the projects within this contract on time and within budget.

Organization Chart

Our proposed Project Principal Doug Stoker will be responsible for resource allocation. He will work with Project Manager Mark Modjeski to ensure all required resources assigned to the project have the appropriate level of experience and licensure. If required, Doug and Mark will hire other subconsultants as needed for the task and submit any new staff to the County for approval prior to assignment to the project.



Prior Experience

No firm has more resources or experience working with local governments than Stantec. Our vast array of multi-disciplinary engineering, survey, landscape architecture, and environmental services makes us the perfect fit for this Contract. The County can be confident in our level of skill, knowledge, and technical abilities.



Stantec has three local offices with approximately 400 employees and has maintained a local presence for more than 35 years. Our local experience enables us to provide valuable insight on technical and regulatory issues that can greatly benefit Hernando County during the planning, permitting, and implementation of a project.

Our vast experience in providing services to similar local governments affords us an unparalleled understanding of the unique challenges facing Florida's communities, including dramatic seasonal population changes, impacts from storm events, and uncertainty with respect to climate change. We understand these challenges, and stand ready to provide the County with prompt, courteous, responsive service to perform any required work task.

Stantec's depth of services spans all aspects of engineering and environmental consulting. We understand our clients' needs and address them with a data-driven approach. Stantec is the right size firm for this contract—we are large enough to capably manage and perform services for tasks with several varied components, yet small enough to recognize the value of this contract to the firm, afford it our highest priority and commitment, and remain responsive to the County's needs.

Stantec specializes in providing continuing services to local governments and currently holds similar contracts throughout Florida. The proof is in our record where we have maintained many contracts for nearly 40 years, and 90% of our work is from repeat clients, a testament to our quality of service. Stantec has provided these same services on nearly 50 GECs, building a reputation for high-quality, cost-effective engineering services.

Below is just a partial list of Stantec's municipal clients in Florida, all within the previous five (5) years. Our clients include:

- Hernando County
- Citrus County
- Collier County
- Hillsborough County
- Lee County
- Manatee County
- Pasco County
- Sarasota County
- Pinellas County
- City of Brooksville
- City of Clearwater
- City of Crystal River
- City of Dunedin
- City of Fort Myers
- City of Gulfport
- City of Lakeland
- City of Largo
- City of Madeira Beach
- City of Naples
- City of New Port Richey
- City of Pinellas Park
- City of Safety Harbor
- City of Seminole
- City of St. Pete Beach
- City of St. Petersburg
- City of Tampa
- City of Tarpon Springs
- City of Treasure Island
- Town of Belleair

Our approach to your individual projects will be informed and straightforward with attention to detail. The product and services we provide are cost effective, constructible, and maintenance friendly. With many staff members living in the County and area, we are personally and professionally committed to the continued progress and development of Hernando County. Having worked with the County and similar clients for nearly 40 years, the Stantec team offers unmatched resources to fulfil all facets of your engineering needs, ***big or small.***

The following pages demonstrate our prior experience that is relevant to this contract. Over the years, Stantec has developed many strong relationships with clients in various sectors, and the measure of our success is best described directly by our clients. We encourage you to contact the references listed on each project to discuss how our practical, experienced approach will benefit the County.

Hernando County On-call Traffic Impact Analysis Review

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Scott Herring // 352.754.4060 // sherring@co.hernando.fl.us

Project Dates: 2021 – Ongoing

Project Description:

As part of our Master Services Contract, Stantec was selected to conduct reviews of traffic impact analysis as prepared by other engineering firms. Efforts included review of adherence to study methodology, appropriate trip generation, reasonable, complete, and correct trip distribution. Comments were prepared and submitted to the County for review and forwarding. Reviews were performed for the Brenton Hills, Arden on Cortez, Sterling Hill, Rainbow Glen and Caldera developments.

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II
 Doug Stoker, PE
 David Allen, PE

Relevance to this Contract

- Hernando County Project
- Traffic Impact and Access Management Studies

County Line Road and Landover Drive Traffic Signalization

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Laura Borgesi // 352.540.6563 // lborgesi@co.hernando.fl.us

Project Dates: 2022 – 2023

Project Description:

The purpose of this project was to design a temporary traffic signal to serve the existing two-lane cross section of County Line Road until the future widening occurred. To keep costs down, the signal was designed as a diagonal span with concrete strain poles. Subsequent to the 60% plans submission, the County became aware of a development driveway planned for the south side of the intersection.

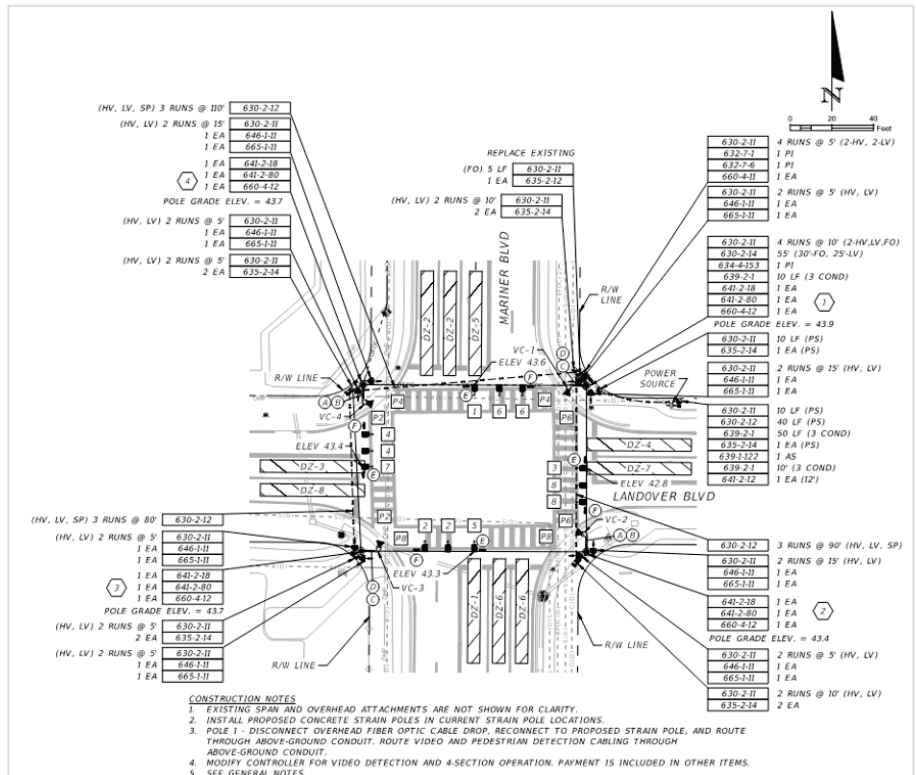
Our team reviewed the driveway connection and realigned it to better align with the existing intersection geometry. Our experience allowed us to complete these efforts without any impact to price or schedule. Design efforts included survey, utility coordination with Withlacoochee River Electric to adjust their overhead lines, geotechnical analysis and subsurface utility clearing for the strain pole foundations, structural, electrical and vehicle detection design.

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II
 Doug Stoker, PE
 David Allen, PE
 Howard Holley, IMSA II

Relevance to this Contract

- Hernando County Project
- Utility Coordination
- Intersection Improvements
- Signing and Pavement Marking
- Traffic Signalization
- Structural Analysis and Design



School Zone Signal and Marking Plans

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Stephen Stack // 352.754.4060 // sstack@co.hernando.fl.us

Project Dates: 2020 – 2022

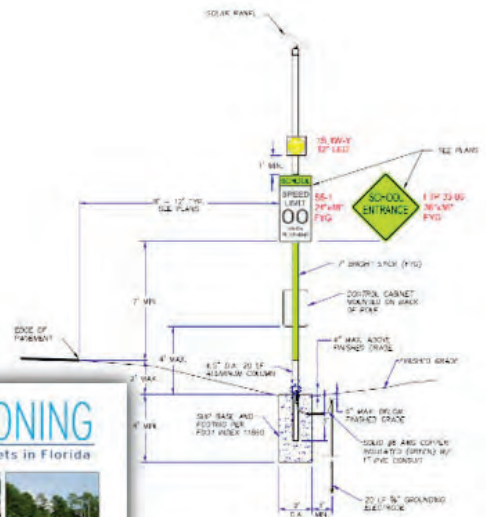
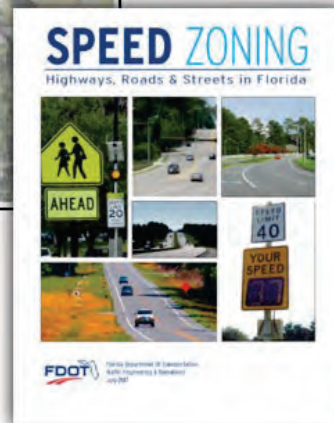
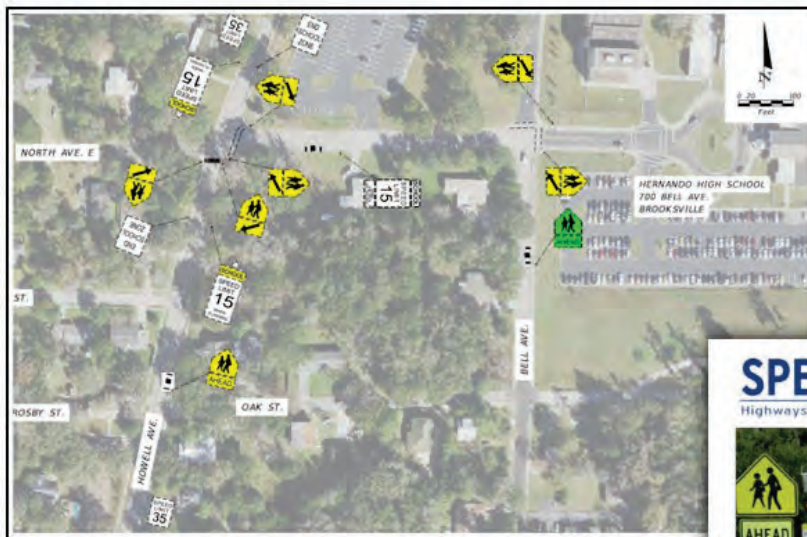
Project Description:

Stantec was tasked under the current Hernando County Traffic Engineering Services contract to review and update school zone signing and marking for various schools within the County. The locations included Spring Hill Elementary School, Brooksville Elementary School/Hernando High School, Chocachatti Elementary School/Nature Coast Technical High School, Challenger K-8 School, Explorer K-8 School, and Fox Chapel Middle School. An inventory of the existing signing, marking and placement of school speed zone beacons was collected and evaluated against the latest standards as identified in FDOT’s Speed Zoning for Highways, Roads, and Streets Manual. Stantec then developed plans to bring these school zones, school crossings, and school entrances into compliance. Two locations required overhead sign cantilever structures where Stantec provided both the structural design and subsurface utility clearing to ensure clear locations for the foundations.

- Relevance to this Contract**
- Hernando County Project
 - Data Collection
 - Utility Coordination
 - Signing and Pavement Marking
 - Traffic Signalization
 - Structural Analysis and

Proposed Staff that has worked on this Contract:

- Mark Modjeski, PE, IMSA II
- Doug Stoker, PE
- David Allen, PE
- Howard Holley, IMSA II
- Wayne Ponder
- Chris Gamache, PE, QBI



Yontz Road Extension from Howell Avenue to US 41

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mark Guttman (resigned) // 352.754.4060

Project Dates: 2013 – 2014

Project Description:

This project provided for the development of design plans to extend Yontz Road from Howell Avenue to US 41 for a total length of approximately 380 feet. The purpose of the project was to provide a more direct route for northbound US 41 motorists wishing to access US 98. The project included a traffic study including traffic data collection, traffic reassignment to define the new traffic circulation patterns, traffic signal warrant analysis, level of service analysis, and development of turn lane lengths. The design consisted of a three-lane cross section with one lane in each direction and left turn bays.

This project included:

- Traffic Study and Signal Warrant Analysis
- Signing and pavement marking
- Utility coordination
- Right of way determination and acquisition
- Survey
- Geotechnical exploration
- Drainage design
- Permitting
- MOT
- Construction cost estimate
- FDOT coordination

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II

Jim Hunt, PE

David Allen, PE

Howard Holley, IMSA II

Wayne Ponder

Jason Yam, PE

Relevance to this Contract

- Hernando County Project
- Data Collection
- Traffic Operational and Safety Studies
- Traffic Impact and Access Management Studies
- Utility Coordination
- Intersection Improvements
- Signing and Pavement Marking
- Traffic Signalization
- Temporary Traffic Control Plans
- Public Awareness



Fiber Optic Extension Zone 3 Interconnect Plans

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mike Ullven // 352.754.4062 // mullven@co.hernando.fl.us

Relevance to this Contract

- Hernando County Project
- Fiber Optic and ITS Design

Project Dates: 2015

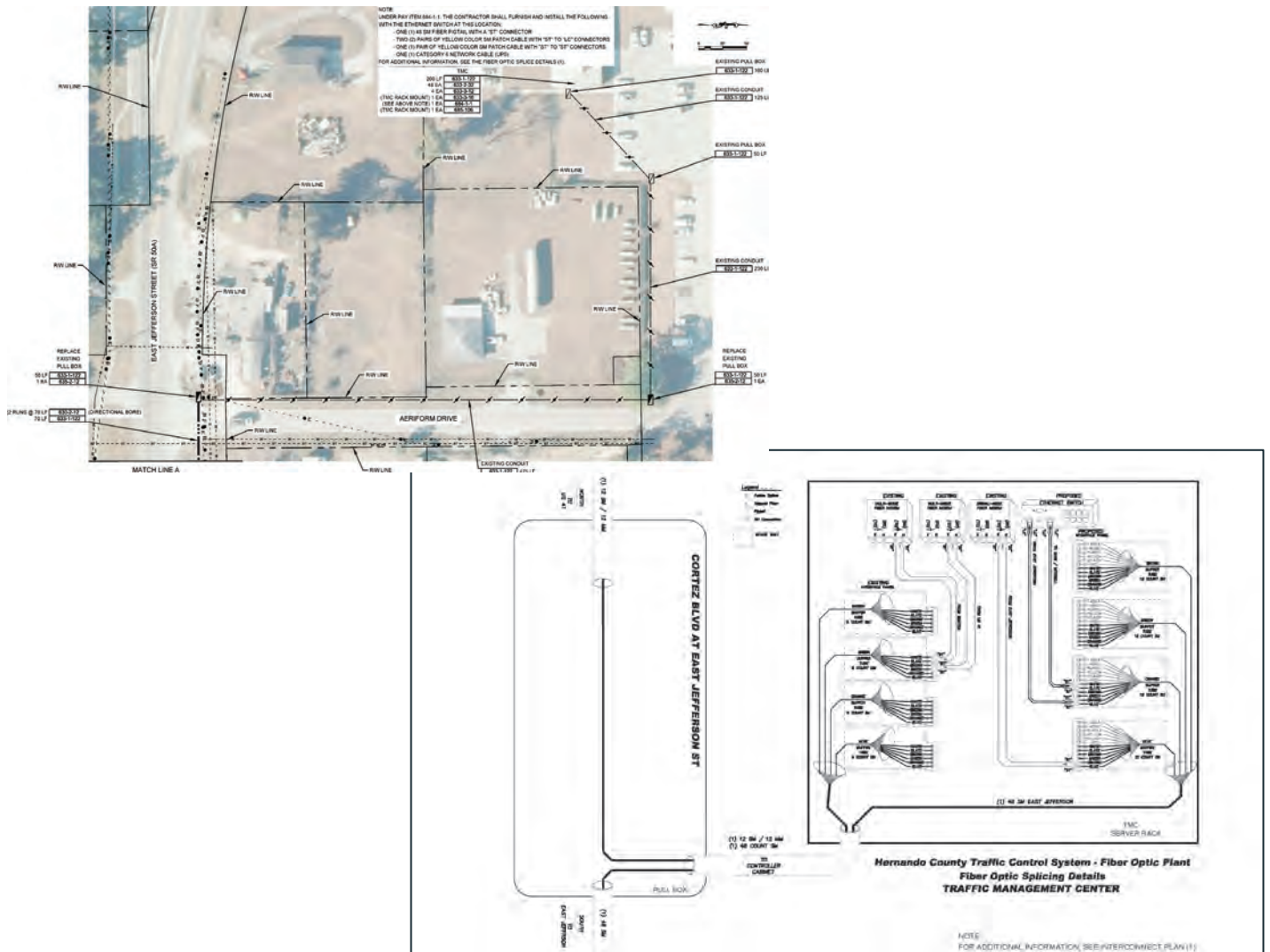
Project Description:

Hernando County required fiber optic connectivity from the Traffic Management Center located at 1525 East Jefferson Street to the traffic signal cabinet located at the signalized intersection of Cortez Boulevard and Jasmine Drive. This fiber optic plant provides connectivity for the existing Cortez Boulevard (Zone 03) advanced traffic management system (ATMS) corridor and the Traffic Management Center. This project will provide for the design of construction plans for buried fiber optic cable and connections from the Traffic Management Center along Aeriform Drive, then east on East Jefferson Street to Jasmine Drive. In addition, a fiber optic connection was required from the existing fiber trunk at Cortez Boulevard and Emerson Drive to its traffic controller cabinet.

All work was accomplished to Hernando County criteria. A time extension was required for this project due to changes in FDOT's permitting requirements during the review process.

Proposed Staff that has worked on this Contract:

- Mark Modjeski, PE, IMSA II
- David Allen, PE
- Howard Holley, IMSA II



US 19 Fiber Optic Extension for Zones 06 and 08

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mike Ullven // 352.754.4062 // mullven@co.hernando.fl.us

Relevance to this Contract

- Hernando County Project
- Fiber Optic and ITS Design

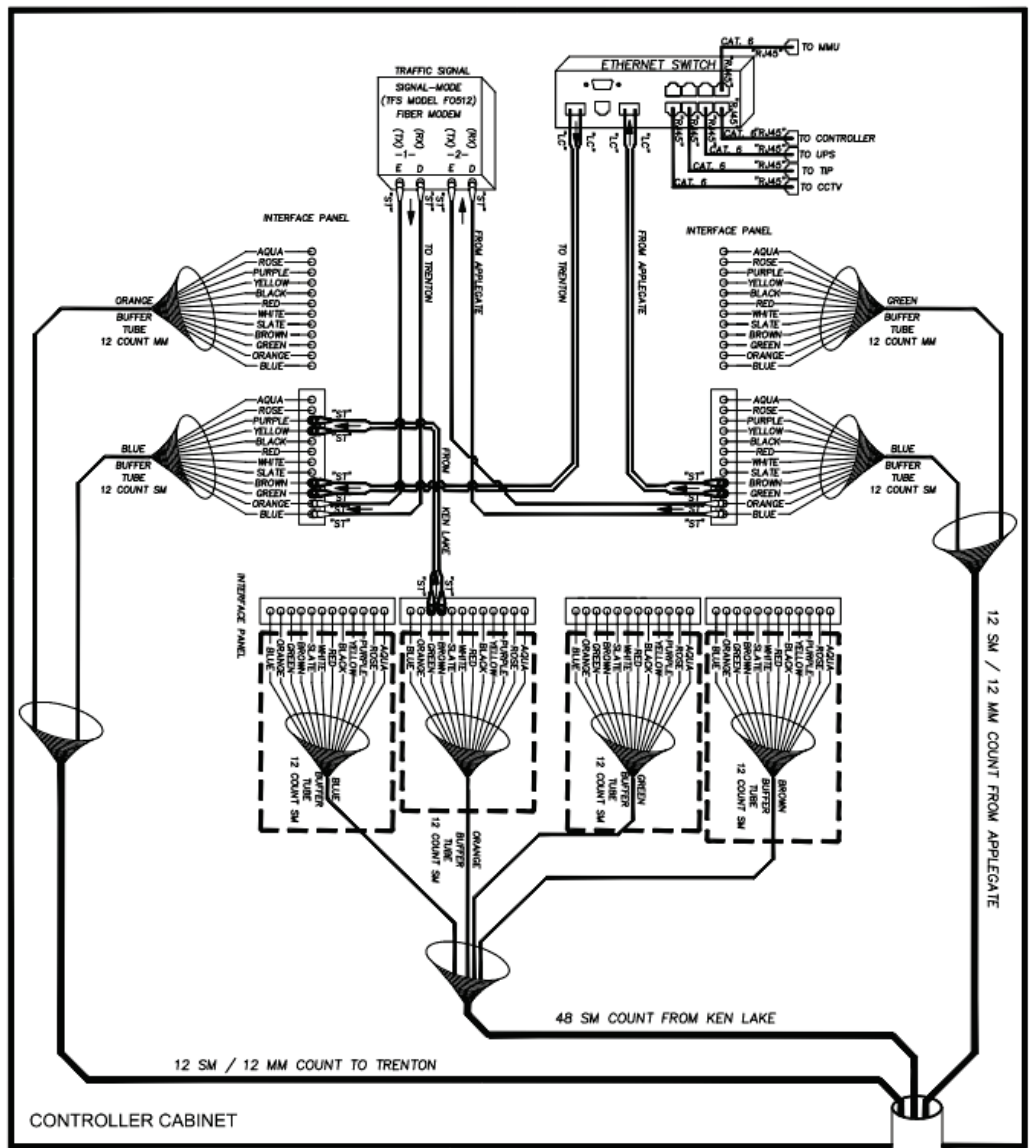
Project Dates: 2014

Project Description:

Hernando County tasked Stantec with developing Advanced Traffic Management System (ATMS) Plans, specifications, and estimate for the deployment of 0.42 miles of fiber optic cable to extend communications from US 19 to Zones 06 and 08. Efforts included developing base maps from aerials with GIS-based right-of-way, ATMS analysis and design, a field inventory of existing ATMS infrastructure, utility and FDOT coordination. The design included the evaluation and installation of communications components for both the legacy and proposed systems.

Proposed Staff that has worked on this Contract:

- Mark Modjeski, PE, IMSA II
- David Allen, PE
- Howard Holley, IMSA II



Clearance Timing Development for 38 Intersections

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mike Ullven // 352.754.4062 // mullven@co.hernando.fl.us

Project Dates: 2015

Project Description:

Hernando County assigned Stantec the task of updating the yellow, all-red, and pedestrian clearance timings at select signalized intersections within the County to comply with current MUTCD and FDOT standards. Stantec provided clearance timings for 38 signalized intersections. These yellow, all-red, and pedestrian clearance times that Stantec developed were consistent with the FDOT Traffic Engineering Manual (TEM) to determine the yellow change and all-red clearance intervals. The calculations are based upon formulas found in the Institute of Transportation Engineers (ITE) Traffic Engineering Handbook. The pedestrian clearance interval was based upon the 2009 Manual on Uniform Traffic Control Devices (MUTCD), Section 4E.06. The calculations are based upon a walking speed of 3.5 feet per second.

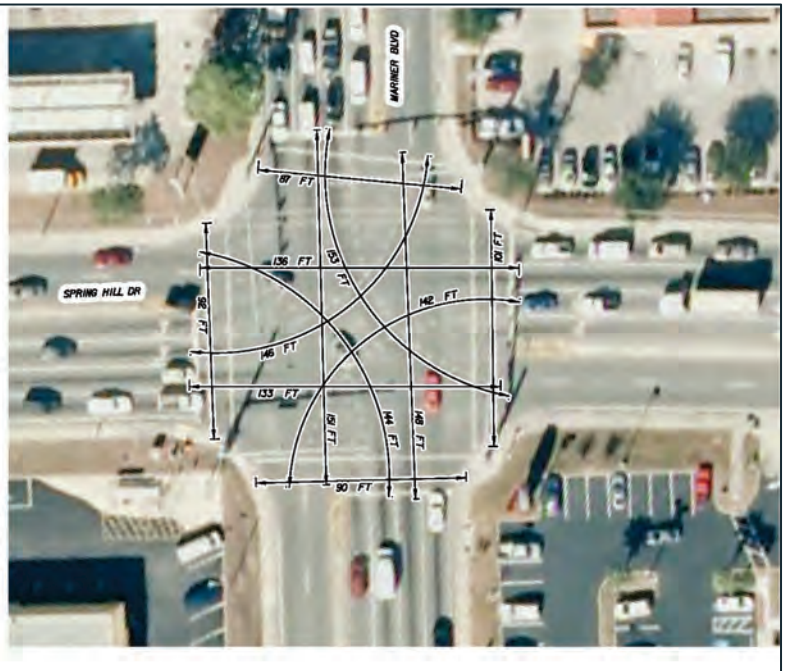
Relevance to this Contract

- Hernando County Project
- Data Collection
- Traffic Operational and Safety Studies
- Traffic Signalization

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II
 David Allen, PE
 Howard Holley, IMSA II

TRAFFIC SIGNAL CLEARANCE INTERVAL CALCULATIONS								
Location: Mariner Boulevard and Spring Hill Drive				File Name:				
Calculated By: Upik Suwarno				Calculated Date: 6/7/2013				
Installed By:				Installed Date:				
PARAMETER INPUT								
Vehicular Movement	NBT	NBL	SRT	SBL	EBT	EBL	WRT	WBL
Vehicular Movement No.	4	7	8	3	6	1	2	5
Approach Speed Limit MPH	40	40	40	40	40	40	40	40
Protected Left-Turn Y/N	N/A	Y	N/A	Y	N/A	Y	N/A	Y
Turning Speed MPH	N/A	30	N/A	30	N/A	30	N/A	30
Approach Grade (%)	2.5%	2.5%	1.7%	1.7%	0.0%	0.0%	0.0%	0.0%
Width / Travel w'	148	144	151	153	133	148	136	142
Ped Clear Distance Pc	101		92		90		87	
PIEV Time t	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Decel Rate a	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Gravity Accel G	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
Length / Vehicle L	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
CLEARANCE TIMINGS								
Direction	NBT	NBL	SRT	SBL	EBT	EBL	WRT	WBL
Vehicular Movement	4	7	8	3	6	1	2	5
Yellow Clearance Calc'd YCL	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.3
min YCL	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.3
INPUT YCL	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3
Red Clearance Calc'd RCL	2.9	3.7	2.9	3.9	2.6	3.8	2.7	3.7
INPUT RCL	2.9	3.7	2.9	3.9	2.7	3.8	2.7	3.7
Total Vehicle INPUT Clearance	7.1	7.9	7.1	8.1	7.0	8.1	7.0	8.0
Pedestrian Movement P4			P8		P6		P2	
Ped Clearance Calc'd PCL	28.9		28.3		25.7		24.9	
INPUT PCL	29		29		26		26	



Mast Arm Assessment at Elgin Blvd. and Mariner Blvd.

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Stephen Stack // 352.754.4060 // sstack@co.hernando.fl.us

Project Dates: 2022

Project Description:

The purpose of the assessment was to quantify the damage to the mast arm structure, evaluate the strength of damaged components, and make any necessary repair recommendations to the mast arms at the intersection of Elgin Boulevard and Mariner Boulevard located in Spring Hill.

Proposed Staff that has worked on this Contract:

Doug Stoker, PE

Chris Gamache, PE, QBI

Relevance to this Contract

- Hernando County Project
- Data Collection
- Structures Review and Assessment



Mast Arm Assessments – Mariner Blvd. and Henderson St.

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Laura Borgesi // 352.540.6563 // lborgesi@co.hernando.fl.us

Project Dates: 2023

Project Description:

Stantec performed emergency damage assessments for the mast arms at Mariner Blvd. and Henderson St. after they were involved in separate vehicular collisions. Due to the extensive damage, the structural integrity of the mast arm was compromised. Repair recommendations were provided for that location.

Proposed Staff that has worked on this Contract:

Doug Stoker, PE
Chris Gamache, PE, QBI
Thomas Howell, PE

Relevance to this Contract

- Hernando County Project
- Data Collection
- Structures Review and Assessment



Sunshine Grove Rd. at Jacqueline Rd. Intersection Improvements

Owner Name: Hernando County, Florida

Address: 1525 E Jefferson St., Brooksville, Florida 34601

Client Reference: Mike Ullven // 352.754.4062 // mullven@co.hernando.fl.us

Project Dates: 2015 – 2016

Project Description:

Stantec evaluated features based on the provided plans and revised the design of the intersection improvements at Sunshine Grove Rd at Jacqueline Road. Changes to the design consist of the following:

- Include a sidewalk along the south side of Jacqueline Road. This will include changing the ADA ramp configuration at the southeast corner.
- Modify the Signing and Pavement Marking Plans for the new ADA ramp location.
- Revise the drainage design and calculations that will coincide with the proposed drainage system of the new development.
- Provide a recommended temporary construction easement area required to construct the new improvements that fall outside of the County right of way. Once approved by the County, Stantec will provide signed and sealed descriptions and sketches.
- Update quantities, pay items and cost estimate for the revised design.

Relevance to this Contract

- Hernando County Project
- Data Collection
- Traffic Operational and Safety Studies
- Utility Coordination
- Intersection Improvements
- Signing and Pavement Marking
- Traffic Signalization
- Lighting
- Temporary Traffic Control Plans
- Public Awareness
- Structural Analysis and Design

Proposed Staff that has worked on this Contract:

Mark Modjeski, PE, IMSA II

Jim Hunt, PE

David Allen, PE

Howard Holley, IMSA II

Wayne Ponder

Jason Yam, PE



Project Approach Budget Methodology/Cost Control

Project Controls, Technological Capabilities, and Resources

Strict Cost Control

Stantec understands the need to be financially responsible and mindful of municipal budget constraints. Once a scope of services has been agreed upon for the project, Stantec will propose a reasonable fee that reflects the effort required to satisfy the scope with a quality set of project documents. The responsibility for cost control on projects lies with the assigned Contract Manager, Mark Modjeski, PE, IMSA II.

Our advanced Oracle accounting system positions the company for sustained project management performance and compliance with Federal Cost Accounting Standards. The system provides all necessary information at the contract, project, and task levels for our Contract Managers to effectively execute their budget control responsibilities in a timely manner. The Contract Managers receive monthly statements of all project charges and have direct computer access to our Oracle system for more frequent downloads during periods of intense project activity. Our Principal-in-Charge Doug Stoker receives an exception report on a monthly basis for any project (i.e., work assignment) that exceeds certain performance threshold measures. Since the exception reports have a straightforward explanation, they allow for timely action in those cases where a problem does exist or is forecasted. Stantec's Vice Presidents are also available to consult on cost performance issues and to help develop corrective action plans.

Engineering Cost Control

Stantec is often asked how our professional services fees compare to those of our competitors. When evaluating the true value of the services we provide, Stantec is seen as very competitive for the following reasons:

- Our base rates and employee salaries are consistent with local industry averages while our overhead is consistent with or lower than local industry averages.
- Stantec provides nearly all services in-house, resulting in integrated services and cost savings. When subconsultants are needed, Stantec provides no mark-up on their services.
- Our experienced staff develops comprehensive scopes of work the first time to identify all necessary services for your project. This avoids surprises from change-orders for our services or unidentified obstacles during construction.
- Stantec uses small, focused work teams to complete your projects. Given our depth of resources, we can staff these teams with exactly the right mix of talent. Behind these small teams, we have nearly 900 Florida associates specializing in all services necessary to meet your needs. Small Teams and Big Resources save you money.
- The true value of Stantec services comes during construction when our projects are built. Experienced staff ensures our designs are correct the first time, resulting in fewer construction change-orders and delays.
- More than 70% of Stantec's work is for repeat clients who have evaluated Stantec's value compared to other engineering firms and continue to return to Stantec for the premier services we provide.

Stantec has one of the best claims records in the industry. Fewer claims are another testament to the value of the work product we provide and proof of a solid quality assurance program.

Construction Cost Estimating

As the construction industry continues to have ever-changing and rising costs, it is imperative that your Engineer of Record provide accurate Opinions of Probable Construction Costs to plan for upcoming work. Here are some of the steps Stantec has taken to ensure we are addressing this for our clients:

- Stantec has developed an internal team of engineers and cost estimators who are tasked with monitoring changing construction costs. These individuals track past estimates compared to actual construction costs and provide necessary guidance to those preparing new estimates.
- Stantec routinely monitors construction industry journals including the Engineering News Record, Construction Industry News, and other publications for indicators of construction cost escalation.
- Stantec performs in-house constructability/bid ability reviews and value engineering using our

in-house Construction Management division.

This lets us identify opportunities for savings and ensure a “buildable” design.

- Stantec often involves contractors prior to bidding to obtain input on specific construction cost elements that may impact the overall project bid. This further helps Stantec identify any obstacles that would prevent a Contractor from bidding on the project, promoting a greater number of bidders and more competition.
- Finally, as noted above, Stantec produces quality plans that help minimize construction change-orders. While we may not be able to control rising industry prices, we can ensure you get the best value for your money because of our reputation and quality plans and specifications.

Value Engineering

Because it has been so widely used in recent years as a regular part of all projects, Value Engineering is sometimes overlooked. However, our Stantec team has been engaged in design-bid-build projects for more than 30 years and has been involved with thousands of design-bid-build projects over that time. These projects range from small intersection improvements, operational and safety studies to large road and bridge projects. Our experience is significant because it has instilled in our staff a holistic approach to projects that incorporates not only the design elements that all designers are accustomed to but also the contractor’s thought process on cost-efficient materials and construction methodologies. It also drives our staff to consider the client’s perspective of lower Operations & Maintenance (O&M) costs through selective sustainable and resilient materials.

Value engineering savings should be recognized during the concept and design phases, not after the bid has been received and a contractor selected. The real savings come when the design team brings forward cost-saving ideas during design development that create immediate savings in the projected costs for any project. Those savings may not result in a lower bid but may be recognized with greater reduced costs of operations and maintenance going forward. Those savings are just as real for any client.

With that said, Stantec also has vast experience in the negotiations of value engineered elements

with contractors. Our experience in both design and construction management at-risk realms has provided our staff with the ability to fairly evaluate any proposed post-design changes through the standard construction contract requirements. Many on our team have had formal training through the Dispute Resolution Board (DRB) certification process as well as the FDOT Equitable Negotiation training classes. Even so, we always enter into any negotiation for a value engineering element with an open mind and an overriding obsession to protect our client and get them the best deal possible.

Project Approach – Quality Control Methodology

Quality Control/Quality Assurance Procedures

Quality Assured

Part of Stantec’s due diligence procedure includes a compilation of Hernando County’s preferences and standards prior to beginning work. For instance, much of the work performed under this contract will include traffic signalization. While we are aware of the County’s preferences, our due diligence requires us to reach out to the County for updates to current preferences such as the Hernando County Signal Notes. With the technology upgrades that occur all the time, notes and preferences are always changing. This ensures that County procedures are followed.

Typically, where the County may not have its own technical specification, our design will fall back to FDOT’s Standard Specifications for Road and Bridge construction. The Standards are robust in defining methods of construction, quality of materials and what is included for each pay item. Furthermore, these standards are widely understood by contractors doing work in Florida. These standards minimize risk such as contractor claims.

Technology is always getting better and quite often better means more energy efficient. As an example, most, if not all the materials proposed for our traffic signal design work must be on FDOT’s Approved Products List, APL, the approval process is quite rigorous and focuses on energy efficiency, durability, and maintainability. Hernando County benefits from this rigorous approval process without any of the costs involved.

Also, a standard practice during the design/bid/build process are shop drawing reviews. The contractor is required to submit technical data sheets for the materials or equipment to be installed on the project. Our Stantec design team will review, approve, or disapprove the contractor’s submittals. A disapproved material or piece of equipment will be elaborated on and returned to the contractor for resubmission ensuring the final build meets County standards and quality.

Stantec’s goal on each project is to prepare documents free of errors, complete with accurate data, meeting all applicable standards and criteria, and in compliance with the requirements established by the County. The County expects the

delivery of contract documents and services that have been thoroughly reviewed by highly qualified professionals whose reviews allow the bidding, construction, and final cost to be within the established budget. They also expect the project to be of high quality and completed on time. These expectations are aligned with our team’s goal.

The Quality Assurance/Quality Control (QA/QC) component of the organization is as important as the design and plans production process. Although our design professionals follow stringent internal QC processes, we believe it is critical to have senior professionals in each design discipline perform independent peer reviews to ensure a quality product. Peer reviews focus not only on the technical design standards and project scope requirements, but also on conflicts, cost, and constructability. Stantec has strong company policies on quality, employee workmanship, and error prevention.

Our QA/QC process emphasizes the prevention of quality problems such as errors, omissions, etc., and corrects quality problems as early as possible to minimize cost and impacts. QA begins at the onset of the project with the establishment of a QA/QC Plan and the commitment of a highly qualified team. Mark Modjeski will be the primary contact with the County and will ensure that all work complies with our Quality Control Plan throughout the duration of the project. He will establish and maintain open communication channels with all team members to exchange vital information and maintain accurate and current project files.

Stantec typically uses a five-step QA/QC process to ensure that all reports, recommendations, and designs developed during the project are thoroughly checked and reviewed by qualified professionals. The plan is documented using this five-step structured check and balance system with a color-coded tracking procedure (grid shown below) to promote the thoroughness of project production, QC, and QA reviews. This procedure will apply to all phases of submittals.

The level of review and processes are tailored to the individual work task. Each work task is thoroughly reviewed, and a QA/QC Plan developed to meet the project-specific details including the assignment of qualified staff.

Before the Notice-to-Proceed meeting, Contract Manager Mark Modjeski will verify that Stantec and its subconsultants have comparable QC Plans. Each subconsultant will follow the approved procedures, document their QC activities, and make each document available for QA reviews and compliance audits. Subconsultants will certify that their work is being performed in accordance with the approved Quality Control Plan prior to a phase submittal. Stantec will be responsible for its subconsultants' utilization of a project's QA/QC Plan.

QUALITY CONTROL TRACKING STAMP						
PHASE	I	II	III	IV	%	
READY FOR QC (RP)						INITIAL DATE
QC REVIEW (QCR) YELLOW = OK, RED = CORRECTION, GRAPHITE = NOTES						
CONCURRENCE (RP) BLUE CHECK = OK, BLUE X-OUT = NO CHANGE						
CHANGES MADE ORANGE OVER RED						
VERIFIED GREEN CHECK = OK, GREEN CIRCLE = FIX						
RESPONSIBLE PROFESSIONAL = (RP), QC REVIEWER = (QCR)						

QA/QC Process in Summary

- QC peer reviews will be coordinated on all work and documents prior to submittal. The reviewers will not be involved in the design process being evaluated and will serve as a “fresh set of eyes.”
- The Quality Reviewers will check for economy, constructability, maintainability, accuracy, adherence to standards and guidelines, and adherence to project-specific requirements, completeness, and format.
- The QC checking procedures will require the documents to be marked for “QC Review,” signed, and dated by the Quality Reviewers. All corrections/comments will be marked in red. Normally, correct information will be noted by either a red dot or highlighted with yellow.
- All deliverables will be checked for accuracy, presentation, form, format, and readability.
- The Responsible Professionals (Originators) will review all corrections and/or comments received from the Quality Reviewers.
- The Originator will indicate concurrence with a blue check mark at each correction and/or comment.

- Corrections that are appropriate will be transferred to the original production documents.
- Reviewers will back-check the production documents and verify each change for incorporation and correctness with a green checkmark to ensure that all corrections and/or comments have been incorporated within the documents.
- An independent final spot-check of the production documents will be performed prior to submittal to the QC Reviewers.
- Sufficiency checklists and other in-house checklists will be incorporated into all phase reviews to ensure that required information is provided with the submittal.
- All participants in the checking and back-checking procedure will utilize a responsibility sign-off stamp to organize and track the procedure, and to signify the completeness and accuracy of each participant's part of the procedure.
- All QC-reviewed documents and checklists will be retained in an organized file until the end of each phase submittal, or included with each submittal as required.
- The QC Reviewer will utilize Stantec's check and balance procedures to perform a final independent QC review prior to each submittal.
- Plans-in-hand field reviews will be conducted by the Contract Manager with the Originators for each work discipline. After each field review, the Contract Manager will document, incorporate, and verify the applicability of comments and questions raised. The Contract Manager will prepare minutes of the field review meeting and distribute them to applicable staff, with copies to the project files.

In addition to the review of the plans, calculations, and reports, all other support documentation including computer-

generated calculations, specifications and special provisions, quantities, cost estimates, and studies will adhere to the referenced checking procedure.



Project Approach – Schedule Control

Schedule Controls

Time Management

Stantec's planning, programming, and design process is structured with particular attention to schedule, cost control, cost estimates, and time management. We look at aspects of a project that may develop into a delay and eliminate them up front with a proactive approach. This reduces the overall time spent on what others may consider to be "unforeseen conditions." Our proactive approach includes developing a strong due diligence program in the initial phase of the project. Many of the obstacles that result in time delays result from improper or inadequate due diligence.

Stantec is experienced in permit and plan production scheduling. As you are aware, permitting is sometimes difficult to estimate when it comes to scheduling. At the onset of projects, we develop realistic schedules based on current design, permitting, and construction timelines. We will develop a realistic schedule at the start of the project based on other similar projects. Some of the unique approaches developed over our years of experience include pre-permitting and early dry-run submittals. We frequently conduct pre-permitting and dry-run submittals to help reduce the time and potential cost impact of the permitting process. We will determine possible impacts early on so that the preliminary cost estimates stay relatively the same as the plans are finalized. As part of the Project Management Plan, a schedule will be submitted at the NTP so that the County can track production and permitting all the way through bid and contractor selection.

Schedule Control

Maintaining a project's schedule begins with understanding the key issues that drive it and developing contingency plans to control it. The primary purpose of the project schedule is to provide a full accounting of all relevant activities and phases as well as the proper sequencing of project-related events so that the project is delivered on schedule. The following are some of the strategies that Stantec uses to control the project schedule:

- Proactive Project Management Plan
- Intensive Due Diligence Phase

- Acceleration of noncritical path activities to compensate for potential unforeseen delays that might occur later on in the project
- Meeting with County staff, public officials, and key community members in advance for consensus on key project issues
- Clear understanding of Scope of Services to ensure the schedule is correct from the beginning
- Proper QA/QC time

A variety of things outside of Stantec's and/or the County's control can cause projects to veer off schedule. When this occurs, Stantec routinely pulls in additional staff to expedite projects. Furthermore, Stantec has strong working relationships with local regulatory agencies which can aid in expediting permitting and project reviews.

Workload/Ability to Handle Scope of Service

Stantec is a financially strong company that continues to grow and expand in responsible ways to improve our service packages and benefit our clients. Stantec's philosophy is to maintain a healthy backlog of work while carefully evaluating and pursuing new work. We pursue projects that correspond to our areas of expertise, and we schedule staff accordingly to allow for success on each project. This is especially true of our local offices that specialize in professional services contracts which rely on periodic task work orders to maintain workload and facilitate growth.

Our Project Manager, Mark Modjeski, is familiar with the County's administrative requirements and will assign work tasks to personnel with competency in the required task and with availability to complete the work. Hernando County has been, and always will be, a high-priority client for Stantec and will receive all required staffing and resources necessary to complete the work on time and within budget.

Our personnel control short-term commitments through regular meetings where assignments are adjusted weekly. Long-term work commitments are addressed in our bimonthly manager and team coordination meetings. Based on the complexity of the project, the schedule prepared can be as simple as one created in Excel or with larger projects, one prepared in Microsoft Project.

Stantec's Project Management Framework requires that each task work order has a Project Management Plan that includes a resource-loaded schedule, a fully developed scope of services, risk-reviewed contracts with all subconsultants, prescribed team meetings, kickoff meetings with the client, specific phase deliverables, and project-specific design and permitting requirements as specified by the client's needs.

Our exceptional depth and strength of local staff resources enables us to offer the County consolidated, Hernando County-based contract responsibility. Our organizational chart demonstrates our depth across the range of the County's needs. However, additional resources from nearly 900 personnel across Florida are available to support our local team, if necessary. Our flexible staffing structure and depth allow for additional personnel in each of the required disciplines to be added to the team in the event of an unexpected workload conflict. Therefore, every person on the organizational chart has multiple backup resources to handle unforeseen circumstances.

Our workload at Stantec is comprised of more than 95% public sector clients and projects. As such, we have developed staffing plans that are flexible, yet reliable, for handling multiple task work order assignments. That is the key for success for both our clients as well as for Stantec. To succeed in the public sector, a firm needs sufficient personnel who can multitask on several assignments, plus subconsultants of the same mindset. In fact, it is common for staff to handle multiple projects due to the nature of task order-driven assignments falling typically below CCNA limits. That is what separates the professional service contracts from the CIP projects.

In addition, the individual discipline project managers control the staff availability, where projects with milestone deliverables get the highest priority to ensure that all schedules are being met, not just by their technical guidance, but more importantly thorough their managerial control. Since public sector work comprises the majority of our workload, we have learned to balance that work and maintain schedules for deliverables on time and within budget, plus be able to pull from all Stantec resources as needed for simultaneous, multiple task assignments.

Detailed Schedule Control

Making and keeping schedule commitments in support of municipal projects is a must; not only to sustain the County's confidence in Stantec and to remain a viable business, but also to maintain the County's schedule commitments to the public on projects being supported by Stantec's work. With the manpower and resources available to the project team, we are confident that we can successfully complete any project and meet all schedule commitments.

Major work tasks will be planned as a series of subtasks, thereby accommodating a bottom-up approach at the schedule development stage, a proper linkage of predecessor and successor activities, and an effective management tool to track and adjust schedules as well as reallocate resources as the work proceeds. Weekly team meetings will be held throughout the project by the Contract Manager and Work Assignment Managers, with a major emphasis placed on reviewing progress and discussing upcoming milestones. Close coordination and working relationships between our Contract Manager, Work Assignment Managers, and their County counterparts will also help ensure timely project completion.

Work Coordination

Coordination begins with the timely and accurate transfer of information between County Project Managers and Stantec's Project Manager, Mark Modjeski. This central point of contact will streamline initiation and negotiation of work assignment authorizations. It will be Mark's responsibility to disseminate information to the appropriate parties within Stantec. An important means of coordination will be monthly project briefings at which schedules, budgets, technical deliverables and other project-related matters will be discussed. Mark will oversee project activities to ensure that appropriate resources are allocated to meet budget, schedule and quality expectations, and that an accurate accounting of overall project status is communicated to County staff regularly.

Familiarity with the Project Area

Stantec has been providing a variety of professional services to Hernando County over 18 years. We understand your projects, regulatory requirements, and goals better than anyone and have proven that we can deliver through our technical expertise, responsiveness, and commitment to the County's success. The following list includes example projects completed for the County:

- On-call traffic impact analysis review
- County Line Road and Landover Drive Traffic Signalization
- School Zone Signal and Marking Plans
- Yontz Road Extension from Howell Avenue to US 41
- Fiber Optic Extension Zone 3 Interconnect Plans
- US 19 Fiber Optic Extension for Zones 06 and 08
- Clearance Timing Development for 38 Intersections
- Sunshine Grove Road Improvements
- Bayport Pier Replacement
- Palm Creek Culvert Replacement
- Peck Sink Preserve Repairs
- Brooksville Master Drain Plan
- Coronado Drive Drainage Improvements
- Countywide Boat Ramp Master Plan
- Permit Renewals
- Palm Creek Culvert Replacement

Stakeholder Relationships

Our thorough understanding of federal, state, and local environmental permitting processes allows us to minimize permit application review periods. Through our strong regulatory agency relationships, we have successfully obtained permit approval on a complex projects involving wetland impacts, compensatory mitigation, effluent impacts, and other regulatory issues.

In addition, we have staff that have experience with legislative and policy development, strategic planning, program development and management, inter-agency coordination. Our staff has experience in planning and legislative development and have worked with agency leadership and policymakers on the local, state and federal levels of government.

Knowledge of the Local Labor and Material Markets

Stantec is aware of the labor and material challenges currently affecting construction projects. Our cost estimating team monitors these market trends while maintaining an up-to-date cost estimating database. This will allow Stantec to provide the accurate construction cost estimates that reflect the current labor and material markets.

On several of our Alternative Delivery projects Stantec has worked with our client and contractor to identify long lead time items to procure using the Owner Direct Purchase process. This process can accelerate the construction schedule and/or avoid delays as well as save money for our clients.

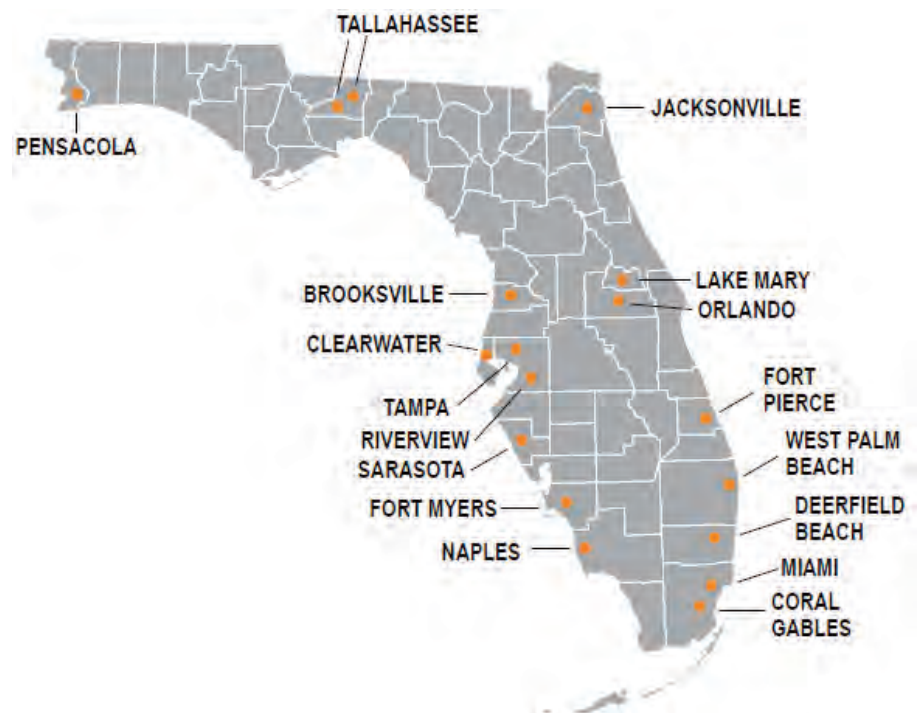
Our work—professional consulting in engineering, planning, landscape architecture, architecture, interior design, surveying, environmental sciences, project management, and project economics—begins at the intersection of community, creativity, and client relationships. With a long-term commitment to the people and places we serve, Stantec connects to projects on a personal level and advances the quality of life in communities across the globe.

As one of the largest full-service civil design and engineering, and environmental firms, Stantec has built a reputation for quality and cost-effective services. We have nearly 900 staff working in 18 offices throughout the State of Florida, giving the Company a strong local focus with specialized teams located throughout the state.

This contract will be primarily supported by staff from our Riverview office; however, we can pull from our staff throughout Florida and globally.

Our Project Manager, Mark Modjeski, works out of our Riverview office and has led numerous projects for Hernando County. He will be responsible for overseeing the completion of work done under this proposed contract.

All major aspects of Stantec's professional services will be performed at our Riverview, Clearwater, and Tampa office locations, all within the Tampa Bay Regional Partnership area.



RIVERVIEW

3905 Crescent Park Drive
Riverview, FL 33578
813.664.4500 (Main)

CLEARWATER

380 Park Place Blvd.
Suite 300
Clearwater, FL 33759
727.531.3505 (Main)

TAMPA

777 S Harbour Island
Blvd.
Suite 600
Tampa, FL 33602
813.223.0009 (Main)

Anti-Human Trafficking Affidavit

In compliance with Fla. Stat. § 787.06(13), this affidavit must be completed by an officer or representative of a nongovernmental entity that is executing, renewing, or extending a contract with Hernando County or any of its subordinate units (the “Governmental Entity”).

1. My name is Douglas Stoker and I am over eighteen years of age. The following information is given from my own personal knowledge.
2. I am an officer or representative with Stantec Consulting Services, Inc., a non-governmental entity (the “Nongovernmental Entity”). I am authorized to provide this affidavit on behalf of Nongovernmental Entity.
3. Neither Nongovernmental Entity, nor any of its subsidiaries or affiliates, uses *coercion for labor* or *services*, as such italicized terms are defined in Fla. Stat. § 787.06, as it may be amended from time to time.
4. If, at any time in the future, Nongovernmental Entity does use coercion for labor or services, Nongovernmental Entity will immediately notify Governmental Entity and no contracts may be executed, renewed, or extended between the parties.
5. This declaration is made pursuant to Fla, Stat. § 92.525. I understand that making a false statement in this declaration may subject me to criminal penalties.

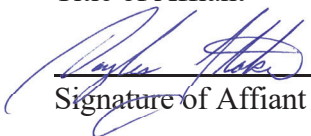
Under penalties of perjury, I Douglas Stoker, declare that I have read the foregoing Anti-Human Trafficking Affidavit and that the facts stated in it are true.

FURTHER AFFIANT SAYETH NAUGHT.

Stantec Consulting Services Inc.
Name of Nongovernmental Entity

Douglas Stoker
Printed Name of Affiant

Senior Principal
Title of Affiant


Signature of Affiant

October 28, 2024
Date