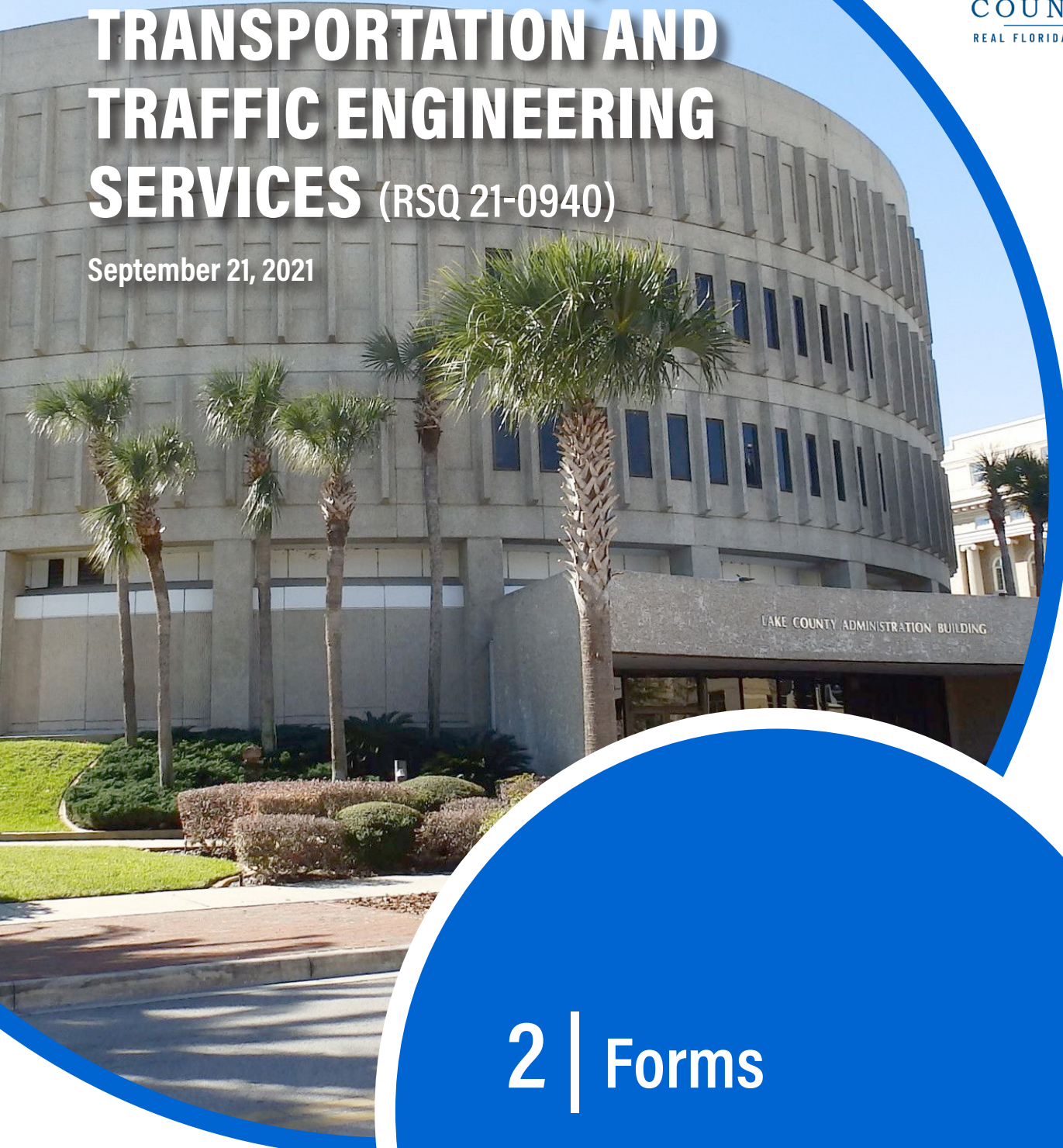




Lake County | **ON-CALL, TRANSPORTATION AND TRAFFIC ENGINEERING SERVICES** (RSQ 21-0940)

September 21, 2021



2 | Forms



ATTACHMENT 1 – SUBMITTAL FORM

21-0940

The undersigned hereby declares that: WGI, Inc. has examined and accepts the specifications, terms, and conditions presented in this Solicitation, satisfies all legal requirements to do business with the County, and to furnish **On-Call, Transportation and Traffic Engineering Services** for which Submittals were advertised to be received no later than 3:00 P.M. Eastern time on the date stated in the solicitation or as noted in an addenda. Furthermore, the undersigned is duly authorized to execute this document and any contracts or other transactions required by award of this Solicitation.

All pricing will be FOB Destination unless otherwise specified in this solicitation document. Pricing submitted will remain valid for a ninety (90) day period.

Vendor will accept payment through the County Credit Card-based payment system: YES

1.0 TERM OF CONTRACT

The Contract will be awarded for an initial one (1) year term with the option for two (2) subsequent two (2) year renewals. Renewals are contingent upon mutual written agreement.

The Contract will commence upon the first day of the next calendar month after Board approval. The Contract remains in effect until completion of the expressed and implied warranty periods. The County reserves the right to negotiate for additional services/items similar in nature not known at time of solicitation.

2.0 METHOD OF PAYMENT

The Contractor must submit an accurate invoice to the County's using department's email. The date of the invoice must be after delivery but no more than 30 calendar days after delivery. Invoices must reference the: purchase or task order; delivery date, delivery location, and corresponding packing slip or delivery ticket signed by a County representative at the time of acceptance. Failure to submit invoices in the prescribed manner will delay payment.

Payments will be tendered in accordance with the Florida Prompt Payment Act, Part VII, Chapter 218, Florida Statutes. The County will remit full payment on all undisputed invoices within 45 days from receipt by the appropriate County using department. The County will pay interest not to exceed 1% per month on all undisputed invoices not paid within 30 days after the due date.

3.0 CERTIFICATION REGARDING LAKE COUNTY TERMS AND CONDITIONS:

I certify that I have reviewed the [General Terms and Conditions for Lake County Florida](#) and accept the Lake County General Terms and Conditions dated 5/6/21 as written including the Proprietary/Confidential Information section. YES Failure to acknowledge may result in Submittal being deemed non-responsive.

4.0 CERTIFICATION REGARDING FELONY CONVICTION:

Has any officer, director, or an executive performing equivalent duties, of the bidding entity been convicted of a felony during the past ten (10) years? NO

5.0 CONFLICT OF INTEREST DISCLOSURE CERTIFICATION:

Except as listed below, no employee, officer, or agent of the firm has any conflicts of interest, real or apparent, due to ownership, other clients, contracts, or interests associated with this project; and, this Submittal is made without prior understanding, agreement, or connection with any

ATTACHMENT 1 – SUBMITTAL FORM

21-0940

corporation, firm, or person submitting a proposal for the same services, and is in all respects fair and without collusion or fraud. NONE

6.0 CERTIFICATION REGARDING BACKGROUND CHECKS:

Under any County Contract that involves Contractor or subcontractor personnel working in proximity to minors, the Vendor hereby confirms that any personnel so employed will have successfully completed an initial, and subsequent annual, Certified Background Check, completed by the Contractor at no additional cost to the County. The County retains the right to request and review any associated records with or without cause, and to require replacement of any Contractor employee found in violation of this requirement. Contractor shall indemnify the County in full for any adverse act of any such personnel in this regard. Additional requirements may apply in this regard as included within any specific contract award. YES

7.0 DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

The County does not establish specific goals for minority set-asides however, participation by minority and non-minority qualified firms is strongly encouraged. If the firm is a minority firm or has obtained certification by the State of Florida, Office of Supplier Diversity, (OSD) (CMBE), please indicate the appropriate classification(s) not applicable not applicable and enter OSD Certification Number N/A and enter effective date N/A to date N/A

8.0 RECIPROCAL VENDOR PREFERENCE:

Vendors are advised the County has established, under Lake County Code, Chapter 2, Article VII, Sections 2-221 and 2-222; a process under which a local vendor preference program applied by another county may be applied in a reciprocal manner within Lake County. The following information is needed to support application of the Code:

- A. Primary business location of the responding Vendor: Orlando, FL
- B. Does the responding vendor maintain a significant physical location in Lake County at which employees are located and business is regularly transacted: NO If “yes” is checked, provide supporting detail: N/A

9.0 GENERAL VENDOR INFORMATION:

Firm Name: WGI, Inc.
 Street Address: 800 N. Magnolia Avenue, Suite 1750
 City: Orlando State and ZIP Code: FL 32803
 Mailing Address (if different): (same)
 Telephone: (407) 581-1221 Fax: (407) 581-1222
 Federal Identification Number / TIN: 65-0271367
 DUNS Number: 938414349

10.0 SUBMITTAL SIGNATURE:

I hereby certify the information indicated for this Submittal is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an authorized representative of this Vendor and/or empowered to execute this Submittal on behalf of the Vendor.

ATTACHMENT 1 – SUBMITTAL FORM**21-0940**

I, individually and on behalf of the Vendor, acknowledge and agree to abide by all terms and conditions contained in this solicitation as well as any attachments, exhibits, or addenda.

Name of Legal Representative Submitting this Proposal: *Nancy Clements, PE*

Date: 9/13/2021

Print Name: Nancy Clements, PE

Title: Senior Vice President | Principal in Charge

Primary E-mail Address: Nancy.Clements@wginc.com

Secondary E-mail Address: N/A

The individual signing this Submittal affirms that the facts stated herein are true and that the response to this Solicitation has been submitted on behalf of the aforementioned Vendor.

[The remainder of this page is intentionally blank]



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

Detail by Entity Name

Florida Profit Corporation
WGI, INC.

Filing Information

Document Number S66593
FEI/EIN Number 65-0271367
Date Filed 07/12/1991
State FL
Status ACTIVE
Last Event AMENDMENT
Event Date Filed 12/17/2020
Event Effective Date NONE

Principal Address

2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Changed: 01/09/2017

Mailing Address

2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Changed: 01/09/2017

Registered Agent Name & Address

FONTAINE, KATE
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Name Changed: 11/09/2018

Address Changed: 11/09/2018

Officer/Director Detail

Name & Address

Title CHAIRMAN EMERITUS

WANTMAN, JOEL
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title VP LAND DEVELOPMENT

BROPHY, JEFFREY N
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title VP TRANSPORTATION

CLEMENTS, NANCY A
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title DIRECTOR - ARCHITECTURE

Luttmann, Eric
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title PRESIDENT

SAUTER, GREGORY
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title CEO

WANTMAN, DAVID
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title SURVEY MANAGER

SLAYMAKER, JEREMIAH
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title SECRETARY

Fontaine, Kate
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title SVP - GEOSPATIAL

HANSON, ROBERT
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Title DIRECTOR - OPERATIONS

DeBosier, Kim
2035 VISTA PKWY
WEST PALM BEACH, FL 33411

Annual Reports

Report Year	Filed Date
2021	01/07/2021
2021	06/09/2021
2021	08/05/2021

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
WGI, Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

Individual/sole proprietor or single-member LLC

C Corporation

S Corporation

Partnership

Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Other (see instructions) ▶ _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) **5**

Exemption from FATCA reporting code (if any) _____

5 Address (number, street, and apt. or suite no.) See instructions.
2035 Vista Parkway

6 City, state, and ZIP code
West Palm Beach, FL 33411

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

or

Employer identification number

6	5		0	2	7	1	3	6	7

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶

Date ▶ **1/4/2021**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

ADDENDUM NO. 1

21-0940



REAL FLORIDA • REAL CLOSE
Office of Procurement Services

P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

SOLICITATION: On-Call, Transportation and Traffic Engineering Services

08/30/2021

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

QUESTIONS/RESPONSES

Question 1. Will the County be providing topographic survey for task work orders or will the consultant need to provide survey?

Response 1. Survey is typically provided by the County for design projects under this contract as these are much smaller projects.

Question 2. Section 5.0.B. 2. Past Performance requires references / relevant projects completed within the last three (3) years, but the instructions on the Reference Form (Attachment 2) state that references must be less than five years old. Are we allowed to use projects less than five years old, or must they be within three years?

Response 2. The projects must be from within the past five years

Question 3. Section 6.0. E.4. Subcontractors/Joint Ventures section states, "Provide a list of proposed subcontractors or joint venture arrangements that may be used on the project. Provide the same information required in the Pricing Proposal for each sub-vendor or joint venture participant." Since there is no 'Pricing Proposal' to be submitted, can you please specify what information is required for our subconsultants?

Response 3. The information is noted in the REVISED Attachment 3 – Team Composition Form.

ADDITIONAL INFORMATION

Remove and replace Attachment 3 – Team Composition Form with the REVISED Attachment 3 – Team Composition Form.

ACKNOWLEDGEMENT

Firm Name: WGI, Inc.

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Page 1 of 2

ADDENDUM NO. 1**21-0940**Signature of Legal Representative Submitting this Bid: *Nancy Clements, PE*

Date: 9/13/2021

Print Name: Nancy Clements, PE

Title: Senior Vice President | Principal in Charge

Primary E-mail Address: Nancy.Clements@wginc.com

Secondary E-mail Address: N/A

ADDENDUM NO. 2

21-0940



REAL FLORIDA • REAL CLOSE
Office of Procurement Services

P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

SOLICITATION: On-Call Transportation and Traffic Engineering Services

09/14/2021

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

QUESTIONS/RESPONSES

Q1. In reference to PDF page 5 (in the Solicitation) under item #4 Subcontractors/joint ventures - Could you clarify what is meant by the sentence? "Provide the same information in the pricing proposal for each sub-vendor or joint vendor participant."

R1. There is no pricing component for this solicitation at this time. Please list any and subcontractors on Attachment 3 – Team Composition Form

Q2. Under the Lake County General Terms and Conditions for the On-Call Transportation and Traffic Engineering Services RSQ No. 21-0940, it appears the "Warranty" terms do not apply to engineering type services and the "Indemnification" provision does not comply with Florida Statutes 725.08. Would the County be open to discussion of modifications to these provisions? At the County's convenience, and if necessary, we would be available to discuss these sections in more depth.

R2. The County will ensure that all indemnification language requirements are in accordance with Florida Statutes upon award of a contract.

ACKNOWLEDGEMENT

Firm Name: WGI, Inc.

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: *Nancy Clements, PE*

Date: 9/16/2021

Print Name: Nancy Clements, PE

Title: Senior Vice President | Principal in Charge

Primary E-mail Address: Nancy.Clements@wginc.com

Secondary E-mail Address: N/A

Page 1 of 1

ATTACHMENT 3 - TEAM COMPOSITION

21-0940

CONSULTANT

ROLE	Name	City of Residence	Florida Active Registrations Number
Principal in Charge	Nancy Clements, PE	Orlando, FL	PE54923
Project Manager	Henri Belrose, PE	Orlando, FL	PE56761
QA/QC Manager	Lee Dowden, PE, LEED AP	Tampa, FL	PE46582
Traffic Planning/Engineering	Jimmy Mulandi, PhD, PE, PTOE	Clermont, FL	PE78141
Traffic Planning/Engineering	David Taxman, PE	Oakland Park, FL	PE85552
Traffic/DRI Studies	Ravali Kosaraju, PE, PTOE	San Antonio, TX	N/A
Traffic/Transportation Studies	Brittany Comer-Mathis	Carrolton, TX	N/A
SEE ADDITIONAL WGI STAFF	ON FOLLOWING PAGE		

SUB CONSULTANTS

ROLE	Company Name	Address	Individual's Name Assigned	Projected % of Overall Work	Worked with Prime before (YES/NO)	Individual Worked with Prime before (YES/NO)
Travel Demand Modeling/Stud.	Connetics Transportation Group, Inc.	1525 International Pkwy,	Dave Schmitt, AICP	30	NO	NO
		Ste 3021, Lake Mary, FL 32746	Hui Zhao, PE			
Transit Planning	Toole Design Group, LLC	2624 Tuscarora Trail	Andrea Ostrodka, AICP, LEED AP	5	YES	NO
		Maitland, FL 32751	Ian Lockwood, PE			
Traffic Data Collection	Peggy Malone & Associates, Inc.	14286 Beach Blvd., Ste. 19-345	Janette Simpson	10	YES	NO
		Jacksonville, FL 32250	Rick Whitman			



PROJECT MANAGER

Henri is a vice president and senior project manager with WGI. He has worked on numerous FDOT projects since 1997 and has an extensive and diverse background in project management, roadway design, cost estimating, specifications, and contract document preparation for the Department. Henri excels at completing complex multi-discipline projects requiring detailed concepts and fatal flaw analysis.

RELEVANT EXPERIENCE

Sligh Boulevard and Columbia Street Improvements, Orange County, FL, City of Orlando, Project Manager. The project included the resurfacing, restoration, and rehabilitation (RRR) of the roadway, as well as operational improvements at the intersections to accommodate future Bus Rapid Transit (BRT) expansion, bus routes, and freight delivery. The rail crossing at Columbia Street was improved to facilitate the safe movement of people, vehicles, and trains within the corridor with a four-quadrant gate system. Sligh Boulevard was reconfigured to improve and accommodate the turning movements of BRT, bus, and freight vehicles. Other designs include a raised crosswalk/intersection table at Sligh Boulevard and Copeland Street which provided a continuous pedestrian connection improving ADA accessibility to the Orlando Amtrak station. Watermain and sanitary sewer relocation design, streetscape/landscape design, permitting, project design and coordination with the FDOT were also included in WGI's services.

FDOT District 1 Districtwide Design-Build Pushbutton (DBPB) Contract, Various Counties, FL, FDOT District 1, Program Manager. This task work order-driven Districtwide Design-Build Push-Button contract included intersection improvements, ADA upgrades, pedestrian/bicyclist safety improvements, turn lane widening/extension to increase capacity, access management median modifications, new intersection signalization and lighting, signal and lighting replacements, sidewalks, drainage and local flooding remediation, and roundabout modification. Other design services included signing and pavement markings, ITS, signal and overhead sign support structures, survey, utility coordination, subsurface utility investigation, and geotechnical support. Each task work order on this multi-year contract must be designed and constructed in under one year and with a \$1M maximum construction budget. Task work orders completed to date encompassed coordination with over a dozen city and county agencies across a 12-county geographic region.

US 27 at Four Corners Boulevard and Bella Citta Boulevard, Polk County, FL, FDOT District 1, Program Manager. As part of the FDOT District 1 Design-Build Push Button contract, WGI provided design for a new box span signal at the intersection of US 27 and Four Corners Boulevard and Bella Citta Boulevard in Polk County. New sidewalk, curb ramps, crosswalks, and pedestrian signals were added to all four legs of the intersection. Intersection lighting was added to improve visibility of pedestrians in crosswalks. Additional services included survey, SUE, and utility coordination.

Taylor Road PD&E Study from US 41 to Airport Road, Charlotte County, FL, FDOT District 1, Project Manager. Henri was the project manager for this PD&E study and was responsible for overall project management of the team and subconsultants. The scope of this Project Development and Environmental (PD&E) study was to evaluate pedestrian and bicyclist accommodations on a shared-use path along approximately 3.5 miles of Taylor Road in Punta Gorda (Charlotte County). The project was divided into two planned design segments—Segment 1, from Jones Loop Road to Airport Road, and Segment 2, from US 41 to Jones Loop Road.

Schofield Road from US 27 to Lake-Orange County Line, Lake County, FL, Lake County Board of County Commissioners (FL), Phase Manager, Project Manager. Project included reconstruction of Schofield Road from an existing dirt road to a two-lane rural collector roadway serving the primary access route for the CEMEX Four Corners sand mine. The total project length is five miles, beginning at US 27 and ending at the Lake-Orange County line. In coordination with the County, elements for a future four-lane divided typical section were incorporated into the design. At the county line, the design included an interim connection to existing roadway and accommodations for re-alignment of Schofield Road by Orange County. Stormwater management was permitted through St. John's River Water Management District (SJRWMD). Design required extensive coordination with Water Conserv. II, a partnership between the City of Orlando and Orange County, which owns a 30-inch reclaimed water main used for agricultural irrigation. The water main runs along most of the project limits.



Henri
Belrose, PE

REGISTRATIONS:

Professional Engineer: Florida
#PE56761, 2001

EDUCATION:

Bachelor of Science, Civil
Engineering - Georgia Institute
of Technology, 1996

AFFILIATIONS:

American Society of Civil
Engineers | Florida Engineering
Society, FES #9001837 |
Institute of Transportation
Engineers

YEARS OF EXPERIENCE

TOTAL: 24 | WITH WGI: 14



PRINCIPAL IN CHARGE

Nancy is a senior vice president for transportation, and as a member of the senior leadership team. Nancy has spent the past 30 years contributing to several challenging transportation and toll-road programs. She was a project manager for the design team on the Boston Central Artery Tunnel Project, the largest public works project in the U.S. at that time. Nancy served as planning and production director for Florida's Turnpike Enterprise for five years, the second-largest toll facility in the U.S. Her work for both organizations inform her big-picture thinking, style of management, and focus on people.

RELEVANT EXPERIENCE

Sligh Boulevard and Columbia Street Improvements, Orange County, FL, City of Orlando, Principal. The project included resurfacing, restoration, and rehabilitation of the roadway and operational improvements at the intersections to accommodate future Bus Rapid Transit (BRT) expansion, bus routes, and freight delivery. The rail crossing at Columbia St was improved to facilitate safe movement of people, vehicles, and trains in the corridor with a four-quadrant gate system. Sligh Blvd was reconfigured to improve/accommodate turning movements of BRT, bus, and freight vehicles. It also included a raised crosswalk/intersection table at Sligh Blvd and Copeland St that provided a continuous pedestrian connection improving ADA accessibility to the Orlando Amtrak station. Watermain/sanitary sewer relocation design, streetscape and landscape design, permitting, project design, and coordination with FDOT was also included.

Sunlake Boulevard from Ridge Road to SR 52 Roadway Development, Principal. Sunlake Boulevard is the main road through the Angeline development from north to south. The project is in a CDD and is part of the Connected City program. This project will design and permit four miles of the road from SR 52 to the future Collector Road south of the future Ridge Road alignment. It will include a four-lane divided urban curb and gutter, with five-foot bike lanes, six-foot sidewalk, 12-foot multi-use path, and five-foot communications easement adjacent to the path. It will also include design of several roundabout intersections and widening of SR 52 to accommodate the required turn lane improvements. The proposed Sunlake/SR 52 intersection will require a signal warrant analysis and a signal design. Bridge structures will be designed when the alignment crosses designated wetlands to minimize impacts. Water, reclaimed water, and wastewater trunk lines will be provided in the Sunlake right-of-way to provide services throughout the community.

FDOT District 7 Districtwide Traffic Operations Design-Build Pushbutton (DBPB) Contract, FL, FDOT District 7, Principal. WGI teamed with Ajax Paving Industries for this \$3M District 7 Districtwide Traffic Operations Design-Build Pushbutton (DBPB) contract. Under this three-year contract, we provided roadway design, survey, subsurface utility engineering (SUE), utility coordination/design, and other related services. Projects included access management, signal improvements, sidewalk, signing and pavement marking, lighting, intersection and ADA upgrades, turn lanes, and other safety improvements. WGI has completed more than 40 task work orders under this contract.

SR 7/US 441 Transit Corridor Improvements, Broward County, FL, Principal. Project consisted of roadway widening and sidewalk aimed at improving pedestrian and bicyclist continuity along Prospect Rd from SR 7 to SR 870/Commercial Blvd, and along Copans Rd from SR 7 to Lyons Rd. This off-system project aimed at improving access to transit facilities as recommended in the SR 7 Multimodal Improvements Corridor Study completed by the Broward MPO. Improvements included roadway widening along Prospect Rd to provide for buffered bike lanes and a raised separated bicycle facility in the swale along Copans Rd. Services included road widening, drainage, signalization, landscape architecture, misc. structures, lighting, utility coordination, environmental permitting, surveying, subsurface utility exploration, geotechnical exploration, and public involvement.

Banyan Boulevard Phase II, Design/Contract Document Services, Australian Ave to Flagler Dr, Principal. Banyan is a gateway to downtown West Palm Beach, waterfront, and downtown entertainment district. This corridor redevelopment creates a vibrant street and downtown gateway, prioritizing pedestrians/bicyclists, designed for alternative mobility and safe accommodation of automobiles. Typical designs were developed to transform it into a bicycle/pedestrian-friendly link. The recommended typical incorporated a raised protected bicycle track, reduced pavement width to slow drivers and a tree canopy that creates a sense of enclosure and visual order. This design reinvents Banyan Boulevard as a corridor prototype for multimobility in the City.



Nancy
Clements, PE

REGISTRATIONS:

Professional Engineer: Florida
#PE54923, 1999

EDUCATION:

Bachelor of Science, Civil
Engineering - Worcester
Polytechnic Institute, 1989
Bachelor of Arts, Economics,
Framingham State College,
1981

AFFILIATIONS:

American Council of
Engineering Companies of
Florida | Florida Engineering
Society | WTS

YEARS OF EXPERIENCE

TOTAL: 32 | WITH WGI: 14



Lee is a vice president with WGI and civil engineer with extensive design experience, including project management experience in various phases of transportation design encompassing federal, state, and county projects. Key design aspects include establishment of horizontal and vertical geometry, drainage systems, flexible pavement designs, traffic control details, and coordination of utility relocation. Lee's project management responsibilities include client and subconsultant communication and coordination, budget negotiation and control, quality control and quality assurance procedures, construction assistance, and shop drawing review.

RELEVANT EXPERIENCE

Sunlake Boulevard from Ridge Road to SR 52 Roadway Development, Project Manager.

Sunlake Boulevard is the main road through the Angeline development from north to south. The project is in a CDD and is part of the Connected City program. This project will design and permit four miles of the road from SR 52 to the future Collector Road south of the future Ridge Road alignment. It will include a four-lane divided urban curb and gutter, with five-foot bike lanes, six-foot sidewalk, 12-foot multi-use path, and five-foot communications easement adjacent to the path. It will also include design of several roundabout intersections and widening of SR 52 to accommodate the required turn lane improvements. The proposed Sunlake/SR 52 intersection will require a signal warrant analysis and a signal design. Bridge structures will be designed when the alignment crosses designated wetlands to minimize impacts. Water, reclaimed water, and wastewater trunk lines will be provided in the right-of-way to provide services for the community.

Polk Parkway/SR 570 Widening Design-Build from Old Dixie Highway/CR 546 to South of Pace Road, Polk County, FL, Florida's Turnpike Enterprise, Project Manager.

This project widens a four-mile section of Polk Parkway/SR 570 from Old Dixie Highway/CR 546 to south of Pace Road. This widening will increase the number of travel lanes from two to four. A new interchange at Braddock Road will be built as part of this project. To accommodate the interchange, the Eastern Toll Plaza will be converted to AET and relocated south of its current location. This work includes pavement reconstruction, milling and resurfacing, signing, pavement markings, and roadside safety improvements.

Causeway Boulevard/Providence Road Intersection, Hillsborough County, FL, Project Director.

Project involved improvements to all four legs of the intersection, including adding left- and right-turn lanes, extending existing left-turn lanes to provide more storage, and adjusting median openings. Other services included drainage, signing and marking, and signalization.

SR 29 from CR 832 (Keri Rd) to F Road, Lee County, FDOT District 1, Project Director.

Design services for new construction of five miles of SR 29 from CR 832 (Keri Road) to F Road. Project involved expanding the existing two-lane facility to a four-lane divided facility with a 40-foot median. The two existing bridge culvert within the project limits were replaced due to the deterioration of the concrete. The high acidic levels of the water from the surrounding agriculture land was the main contributing factor leading to the deteriorating concrete. The two existing lanes were milled and resurfaced and used for the northbound travel. The southbound travel consisted of two newly constructed lanes. Design services included roadway design, drainage design, structures design, environmental permitting, lighting design, and signing and pavement marking.

US 19 (SR 55) from 44th Avenue North to Park Boulevard, Pinellas County, FL, FDOT District 7, Project Manager.

This 1.965-mile urban principal arterial segment of US 19 is within the urban buffer limits of the City of Pinellas Park and the Lealman Community Redevelopment Area (LCRA). It is a six-lane urban divided highway with 10- to 12-foot travel lanes, 10- to 11-foot left-turn lanes, raised curbed median, closed drainage system, and sidewalks bordered by dense overhead and underground utilities. This resurfacing, restoration, and rehabilitation project (RRR) design preserved and extended the life of the existing pavement through milling and resurfacing, brought ADA features into conformance with current standards, brought multimodal issues (including signal and lighting upgrades) into compliance with current standards, and general safety modification work to improve the safety of all roadway users. This project improved US 19 operations by increasing the storage capacity of left-turn lanes into several side streets. WGI developed a cost-effective pavement design with lane-specific milling depths. Key design groups involved in the rehabilitation of this section of US 19 included roadway, drainage, utilities, structures, survey, SUE, lighting, signalization, and signing and pavement marking.



**Dale "Lee"
Dowden, Jr., PE,
LEED AP**

REGISTRATIONS:

Professional Engineer: Florida
#PE46582, 1993

EDUCATION:

Bachelor of Science, Civil
Engineering - University of
Florida, 1988

CERTIFICATIONS:

Florida Advanced Work Zone
Traffic Control | LEED AP

AFFILIATIONS:

American Society of Civil
Engineers | American Society of
Highway Engineers

YEARS OF EXPERIENCE

TOTAL: 33 | WITH WGI: 4



TASK ORDER MANAGER— PLANNING/TRAFFIC ENGINEERING

Jimmy's experience is in transportation engineering, operations, and safety. He served as an embedded Traffic Engineering Supervisor at Florida's Turnpike headquarters, supporting Intermodal System's Development group comprised of the Planning and Environmental Management Office. He has extensive background in traffic engineering analyses and management to support studies in planning, concept, project development & environment, transportation systems management and operations, design projects and special studies. His experience includes development/analysis of innovative alternatives and configurations, data collection analysis, traffic operations analysis/simulation, intersection/corridor studies, traffic impact studies, capacity analysis, traffic signal warrant analysis, signal timing design, traffic forecasting, safety analysis, express/managed lanes studies, and production/execution of interchange access requests and other traffic reports. He is highly skilled in VISSIM, Synchro, Highway Capacity Software, Sidra, Intersection Control Evaluation, Highway Safety Manual analysis methodologies, and the Interchange Safety Analysis Tool.

RELEVANT EXPERIENCE

Colonial Parkway, Orange County, FL, Florida's Turnpike Enterprise, Traffic Project Manager. This Project Development & Environment (PD&E) study evaluated the addition of toll lanes along a seven-mile corridor (SR 50) in east Orange County. Jimmy managed the traffic operations and safety analysis in support of the PD&E study. He was also in charge of developing a Project Traffic Analysis Report, an Interchange Modification Report, and traffic boards for public meetings. The study involved extensive evaluation of traffic operations, safety and access management along the seven-mile segment of SR 50 within the study limits. Several intersection configurations were evaluated following the FDOT's Intersection Control Evaluation procedure.

Polk Parkway and Braddock Road Interchange, Polk County, FL, Florida's Turnpike Enterprise, Traffic Project Manager. This design project included the widening of the Polk Parkway from Mile Post 18 to 22 and addition of a new interchange at Mile Post 21 at Braddock Road to serve the FDOT's SunTrax Test Track. Jimmy was responsible for the traffic operations and safety analysis in support of the design project, and the development of an Interchange Justification Report for the new access. Based on the evaluations, a Tight Diamond Roundabout interchange was proposed.

Capstone Transportation Impact Analysis, Austin, TX, Studio 8 Architects, Project Engineer. WGI completed the transportation planning and traffic engineering analysis for more than three million square feet of office space for the new Apple Campus in north Austin. The project team evaluated nearly 20 external intersections and access driveway locations for the project; internal intersection control throughout the project site; access and circulation for vehicles, pedestrians, and bicyclists; and impacts on the surrounding transit system. WGI provided recommendations for access and improvements in this congested section of Austin, and also planned for future buildout of the 6,000-acre Capstone property. After receiving approval from the City of Austin, Travis County, Williamson County, and TxDOT, the team supported the development with design plans for a new traffic signal and a modification to an existing traffic signal, design of new lanes for access to and from the project, planning for an intercampus shuttle/circulator, and a concept plan for a shared-use pedestrian/bicycle path between campuses.

Florida's Turnpike and US 301 Interchange, Lake County, FL, Florida's Turnpike Enterprise, Traffic Project Manager. This Transportation Systems Management & Operations (TSM&O) project's primary goal was to address safety issues at Florida's Turnpike ramp terminal intersections at US 301. Jimmy was in charge of the traffic analysis to establish mitigation measures. He led field reviews and evaluations which revealed sight distance issues. The analysis proposed realignment of the ramps and addition of turn lanes.

Florida's Turnpike and Consulate Drive Interchange, Orange County, FL, Florida's Turnpike Enterprise, Traffic Project Manager. This was a Transportation Systems Management & Operations (TSM&O) project. There was a need to address traffic congestion at the Florida's southbound off-ramp to Consulate Drive, as well as at the ramp terminal. Jimmy led the traffic analysis effort. He conducted field reviews and established signal timing and traffic operations issues caused primarily by trucks. He conducted analysis and proposed changes that were implemented such as signal retiming and addition of turn lanes. An adaptive signal control system was later implemented.



**Jimmy
Mulandi, PhD, PE**

REGISTRATIONS:

Professional Engineer: Florida
#PE78141, 2014

EDUCATION:

Bachelor of Science, Civil
Engineering - University of
Nairobi, 2001

Master of Science, Civil
Engineering - Kansas State
University, 2006

Doctor of Philosophy, Civil
Engineering - University of
Utah, 2011

AFFILIATIONS:

Institute of Transportation
Engineers | Transportation
Research Board

**YEARS OF EXPERIENCE
TOTAL: 17 | WITH WGI: <1**



TRAFFIC IMPACT STUDIES ARTERIAL/INTERSECTION ANALYSIS

With years of transportation and parking engineering experience, David is a passionate advocate for reform in mobility planning practices; spearheading efforts to include Transportation Demand Management (TDM) and Mobility Best Practices (MBP). David has performed traffic studies across the nation for hospitals, universities, municipalities, and private developers. He specializes in traffic impact analyses, traffic modeling, signal warrant analyses, traffic calming studies, bus capacity analysis, complete street design, pedestrian facility design, traffic signal timing, multi-modal studies, and traffic count surveys. His expertise in parking planning includes supply and demand studies, operations and management, financial feasibility studies, parking policy, technology review and specification, shared parking studies, parking privatization, and functional design of parking facilities. David prides himself on developing traffic and parking solutions that are safe, effective, and cost-efficient.



**David
Taxman, PE**

RELEVANT EXPERIENCE

Hallandale Beach Mobility Plan Roadmap, Hallandale Beach, FL, Project Manager. David prepared a mobility plan for the City of Hallandale Beach to prepare a roadmap of improvements addressing mobility and parking deficiencies in the City of Hallandale Beach. This study was applied to help develop the 5-year capital improvements plan regarding transportation and transit issue. The growth in the City, and surrounding communities, has strained the ability of the transportation network to accommodate efficient movement of people and goods. David worked with City staff to identify the status of transportation improvements recommended in prior studies and plans, developing a program of mobility and parking improvement, preparing cost estimates, and identifying potential funding programs.

Hollywood Beach Phase IV Street Design, Hollywood, FL, Project Manager. David analyzed the preferred orientation of the 17 east-west streets south of Hollywood Boulevard between Magnolia Terrace and Harrison Street. The study included looking at peak and daily traffic volumes, crash data per trip, on-street parking impact, and comparable streets in South Florida. It was determined that the preferred two-way, yield street design improved access, reduced major crashes, and allowed for more convenient emergency vehicle access and management. The recommendations were applied in developing the final street design.

University Circle Comprehensive Traffic Study, Cleveland, OH, Project Engineer. David analyzed the proposed development plans for University Circle institutions over a 5 and 10-year period. This included development plans at Cleveland Clinic, University of Hospitals of Cleveland, Veteran Affairs Medical Center, Case Western Reserve University, the Cleveland Museum of Art, the Natural History Museum, the Urban Arts and Retail District, and Western Reserve Historical Society. A total of 28 intersections were analyzed and a timeline of recommendations were provided along with projected cost of improvements.

Channel District Curb Management Plan, Tampa, FL, Parking Engineer. David managed the development of plan drawings showing the layout of the proposed street renovations, signage, and parking pay-station locations for the Channel District area in Downtown Tampa. This project involved coordination between multiple City of Tampa departments and team members. Paid parking was being implemented in this area for the first time, which required hosting a public forum to address public concerns. The parking signage was designed to support drop-off/pick-up areas, loading/unloading areas, ADA spaces, residential permit parking, and paid parking.

Delray Beach Mobility/Parking Study, Delray Beach, FL, City of Delray Beach, Traffic Engineer. David prepared a mobility plan for the City to provide a parking and curbside management master plan, including analysis, public engagement, and planning exercises to conclude in creation of the master plan that will update the 2010 parking master plan and will include new curbside management elements. The plan will update data elements, provide context to technological advances in transportation and their impacts locally, determine feasible alternatives for the City to consider, and identify policies and projects to implement the plan.

REGISTRATIONS:

Professional Engineer: Florida
#PE85552, 2018

EDUCATION:

Bachelor of Science, Civil
Engineering - University of
Wisconsin, 2005

Master of Arts, Real Estate -
University of Illinois, 2010

CERTIFICATIONS:

Parksmart Advisor

AFFILIATIONS:

Florida Parking and
Transportation Association |
International Parking and
Mobility Institute | Urban Land
Institute

YEARS OF EXPERIENCE

TOTAL: 15 | WITH WGI: <1



TRAFFIC IMPACT AND DRI STUDIES

Ravali is an experienced traffic engineer specializing in traffic impact analysis, traffic engineering and operations, traffic studies, traffic signals design, construction, and maintenance. She has worked in several local government agencies within Canada and United States. This diverse range of experience allows her to find proactive and context-specific solutions to real-world challenges while ensuring that safety and functionality are not compromised. Her work experience in the public sector enables Ravali to provide clients with a cost-effective and time-sensitive approach to projects to ensure successful delivery. Her interpersonal skills, coupled with her ability to manage teams of varying fields and experience, will be an asset when working with stakeholders such as clients, subconsultants, and government agencies.



Ravali
Kosaraju, PTOE

RELEVANT EXPERIENCE

200 Academy Drive Transportation Impact Analysis, Austin, TX, Project Manager. Ravali led the transportation team on a re-development of a site near downtown Austin. The development is planned to include 120 apartments, 12,000 square feet of retail and restaurant space along with 60,000 square feet of office space. Ravali aided in designing three frontages to the City's Great Streets standards and reviewed pedestrian circulation in surrounding areas. With respect to mitigations, the team and City staff developed improvements that included signal modifications on South Congress Avenue to accommodate peak hour traffic and a Pedestrian Hybrid Beacon (PHB) on East Riverside Drive at Newning Avenue to facilitate pedestrian movements on East Riverside Drive. Several sidewalk improvements were also recommended in the Travis Heights neighborhood to provide accessible pedestrian walking paths to major corridors. The project also was subject to a TDM plan, developed by Ravali in concert with the development team.

City of San Antonio (COSA), San Antonio, TX, Senior Engineer. During her tenure with the City, Ravali oversaw engineering staff responsible for the review of proposed residential and commercial developments for compliance with the Unified Development Code (UDC). Ravali reviewed proposed transportation infrastructure and building construction plans, Traffic Impact Analysis (TIA), and subdivision construction plans for various development applications (ranging from zoning changes, Master Development Plans (MDPs), Planned Unit Developments (PUDs) to plats and building permits). Ravali was also the department's technical expert on UDC, TIA, AASHTO design criteria, MUTCD standards, and industry best practices for transportation design, construction, traffic engineering, and operations. Ravali worked closely with internal and external stakeholders (COSA Public Works, Bexar County, TxDOT, CPS) to provide a streamlined review process for applicants. Ravali's team performed an average of 200 reviews in a typical month encompassing streets design (plan & profile), street light layout, site access, parking layout, infrastructure improvements (turn lanes, pavement widening, pedestrian and bike facilities, on-street parking).

TIA review process maps, San Antonio, TX, City of San Antonio (COSA), Senior Engineer. Ravali developed process maps for TIA reviews for developments within Bexar County and COSA. This included establishing standard practices for the applicability of approved TIAs when the land-use mix was revised from prior approval. As part of this effort, Ravali also assisted with developing a Rule Interpretation Determination (RID) to codify the standard practices to streamline reviews.

City of Austin (COA), Austin, TX, Senior Development Review Engineer. Ravali reviewed detailed TIAs for new developments within COA, COA ETJ, and Travis County, along with recommended public improvements to determine their effectiveness in addressing the development's impact to the adjacent roadway network. As part of her review, she worked with engineers, owners/developers, and owner's agents to ensure that the development's impacts were being mitigated appropriately. She developed the scope of the TIAs, including assessing non-vehicular modes, study intersections, background traffic, projected growth coordinating with the appropriate jurisdictions. She acted as a liaison between the development review team and the traffic operations team to ensure operational and safety issues were incorporated into the TIA and recommended improvements.

REGISTRATIONS:

Professional Engineer: Texas
#128548, 2017

Professional Engineer: Alberta
#221926, 2015

EDUCATION:

Bachelor of Science in Civil
Engineering, Transportation -
University of Toronto, 2008

CERTIFICATIONS:

Professional Traffic Operations
Engineer | Project Management
Professional

AFFILIATIONS:

Institute of Transportation
Engineers, South Texas ITE
Chapter

YEARS OF EXPERIENCE

TOTAL: 14 | WITH WGI: <1



TRAFFIC IMPACT STUDIES

Brittany enjoys working on transportation engineering and place-making projects that have a lasting impact on communities in both rural and urban areas. She has provided technical support to federal, state, and local transportation agencies in traffic engineering, traffic safety, traffic control standards, and operations. Much of her work consists of conceptual design, coordinating with vendors/volunteers, procurement of materials, processing permits, and construction management. Brittany also possesses a wide range of skills, including project management, multi-modal and active transportation design, traffic engineering, and performance measurement. In addition, Brittany has helped developed grant applications that have resulted in funding awards.



**Brittany
Comer-Mathis**

RELEVANT EXPERIENCE

Highwoods Preserve Parkway at Highwoods Palm Way Roundabout/Intersection Improvements, Tampa, FL, City of Tampa, Phase Manager. WGI completed conceptual analysis and design services for a new roundabout at the intersection of Highwoods Preserve Pkwy and Highwoods Palm Way. Traffic and operational analysis included performing SIDRA analysis of existing traffic volumes to determine optimal entry, circulatory, and exit lane configuration for the roundabout. Other work included topographic and right-of-way survey, utility coordination, drainage/permitting, and public outreach.

Transportation Planning and Traffic Engineering Services for Biscayne Blvd, FL, City of Miami, Traffic Analysis. This project included completion of a lane elimination analysis of Biscayne Blvd, from SE 1 St and NE 6th St in downtown Miami, related to implementation of the Biscayne Green report on impacts of such change in the surrounding network. The City evaluated possible changes to eliminate lanes of traffic in each direction of Biscayne to increase multimodal safety, operations, and connectivity, using a Complete Streets approach. This study was designed to enhance previous studies and support the best solutions in meeting transportation needs of all users of the corridor and solidify plans to repurpose/redesign Biscayne Blvd (Biscayne Green) into a pedestrian promenade, enhancing pedestrian safety and connectivity to Bayfront Park and downtown, as well as on-street parking and off-street bicycle facilities. Also included project management, parking analysis, utilities, right-of-way, and landscape architecture.

Capstone Transportation Impact Analysis, Austin, TX, Studio 8 Architects, Traffic Analysis.

WGI completed the transportation planning and traffic engineering analysis for more than 3M square feet of office space for the new Apple Campus in north Austin. The project team evaluated 20 external intersections and access driveways; internal intersection control throughout the site; access/circulation for vehicles/pedestrians/bicyclists; and impacts on the transit system. We provided recommendations for access and improvements and planned for future buildout of the 6,000-acre Capstone property. After receiving approval from the City of Austin, Travis County, Williamson County, and TxDOT, the team supported development with design plans for a new traffic signal and modification to an existing signal, design of new lanes for access to/from the project, planning for an intercampus shuttle/circulator, and a concept plan for a shared-use pedestrian/bicycle path between campuses.

Onion Street Mixed-Use Limited Transportation Impact Analysis, Austin, TX, Riverside Resources Investments II, LTD, Project Manager. WGI completed a review of area transportation/development plans and reviewed the development's driveway locations and proposed operations, as well as proposed curbs for pick-up/drop-off operations for TNCs. We also reviewed the site plan for commercial loading, including trash pickup. WGI created a Transportation Demand Management (TDM) plan, working with the developer to select TDM measures that best reduced single occupancy vehicle trips specific to the project's land uses/location. We also completed a walking audit of the surrounding area to determine if pedestrian, bicycle, and transit improvements were needed.

Northgate District Study and Plan, College Station, TX, City of College Station, Project Manager. The City is home to Texas A&M University. The Northgate District is approximately 150 acres and the City's premier entertainment district located adjacent to campus. The most current Northgate Redevelopment Plan was completed in 1996; however, conditions have changed drastically in the last 20 years. WGI helped the City tackle operational issues by conducting a study and creating a mobility plan, as well as potential streetscape improvements. WGI undertook a data collection effort, including parking, street lighting, signage, and sidewalk quality data, which helped identify locations for improvements and the type of facility needed. This project required collaboration with the City, Texas A&M University, the City police, and cooperation of local businesses.

EDUCATION:

Master of Arts, Transportation Policy, Operations, and Logistics - George Mason University, 2015

Bachelor of Science in Civil Engineering - Old Dominion University, 2013

AFFILIATIONS:

Institute of Transportation Engineers | National Society of Black Engineers | Young Professionals in Transportation

YEARS OF EXPERIENCE

TOTAL: 6 | WITH WGI: 1



PD&E AND TRANSPORTATION STUDIES PUBLIC ENGAGEMENT

Bill is a senior transportation project manager actively engaged in leading WGI consultant teams through controversial and complex FDOT PD&E studies and NEPA corridor studies on major interstate, managed lanes, and arterial highways. Through a comprehensive understanding of planning, environmental effects analysis and engineering successful alternative solutions are created, solving regional and local transportation needs. He also has extensive experience running public involvement programs and working with community leaders to gain consensus.

RELEVANT EXPERIENCE

North Jones Loop Road (CR 768) Feasibility and PD&E Study, FDOT District 1, Charlotte County, FL, Project Manager. Bill was responsible for leading the PD&E team and public involvement program for this project. CR 768 is a key evacuation corridor and access to Enterprise Charlotte Airport Park. The feasibility study evaluated traffic conditions and preliminary concepts to gain local support. Local agency coordination was a key function to develop concepts.

I-75 at CR 514 PD&E Study, FDOT District 5, Sumter County, FL, Project Manager. Bill served as project manager on this interchange justification report re-evaluation and PD&E study for I-75 at CR 514, which provides access to southern Sumter county. Multiple interchange alternatives were developed to avoid natural and cultural impacts. An extensive archaeological evaluation was conducted, and the environmental document was a Type 2 Categorical Exclusion.

Districtwide PD&E and ETDM Support Services, FDOT District 4, Districtwide, Project Manager. Bill was the project manager for this contract, which included 32 task work orders for individual studies and on-site support services. Work orders included a 110-mile origin destination study, PD&E re-evaluations, bridge feasibility studies, and interstate ramp studies.

I-95 from High Meadow Avenue to Becker Road PD&E Study, FDOT District 4, Martin/St. Lucie Counties, FL, Project Manager. Bill was responsible for directing daily activities of the PD&E team and leading the public involvement program. The project involved evaluation of mainline widening alternatives for three interchange modifications, one interchange feasibility study, rest area ramps, and ramps at the truck weigh-in-motion facility and Florida Turnpike. An interchange operational analysis report was approved by FHWA. The environmental document was a Type 2 Categorical Exclusion.

US 41 at CR 951 Grade Separation PD&E Re-evaluation, Collier County Government, Naples, FL. Project Manager. Bill was the project manager and was responsible for the PD&E Major Design Change Re-evaluation to modify the approved PD&E study alternative from an at-grade intersection to a grade-separated intersection. This critical intersection connects the evacuation route from Marco Island to I-75. The major design change obtained approval for an interim at-grade intersection and ultimate grade-separated intersection. Work included interchange planning and design, aesthetics package, visualization, traffic analysis, drainage, utility relocations, right-of-way acquisition, permitting, structural design, geotechnical investigations, and extensive public involvement. Throughout the Collier County-led project, extensive coordination between the design team, FDOT, and permitting agencies yielded a successful outcome and FHWA approval. The environmental document re-evaluation was for a Type 2 Categorical Exclusion.

SR 7 (US 441) Feasibility and PD&E Study, FDOT District 4, Palm Beach County, FL, Project Manager. Bill was project manager for two components, acreage connector study and SR 7 PD&E study for SR 7 from Okeechobee Rd to Northlake Blvd. The acreage connector study was a fast-track delivery for the County to build the first three miles of two-lane roadway that could potentially serve as SR 7/US 441. By leveraging prior studies, the County utilizes the study to select viable road alternatives to meet their transportation needs and accelerate construction. The PD&E study continued after completion of the connector study. Bill's responsibilities included evaluating several corridors/alternative alignments for a new six-lane divided arterial. The study area included expansive wetlands with sensitive conservation lands, potable water storage reservoirs, endangered species, residential communities, and businesses. Public participation/interagency coordination was critical to the study's success. The environmental doc was Environmental Impact Statement.

Golden Gate Parkway (CR 886) Feasibility Study and Design, Collier County Transportation Department, Collier County, FL, Senior Transportation Engineer. Bill was responsible for the planning study and public involvement for the new arterial interchange at Airport Pulling Road and Golden Gate Parkway, the first arterial interchange by the County. To gain public approval, an extensive aesthetics package was prepared with visualization and traffic analysis. Key floodway drainage design and utility relocations minimized right-of-way acquisition. The project schedule was five years, from planning-start to construction-complete.



**William "Bill"
Evans, PE, AICP**

REGISTRATIONS:

Professional Engineer: Florida
#PE45207, 1992

American Institute of Certified
Planners: #015249, 1999

EDUCATION:

Bachelor of Science in Civil
Engineering, Civil Engineering -
University of Florida, 1987

YEARS OF EXPERIENCE

TOTAL: 33 | WITH WGI: <1



PD&E STUDIES

John has diverse transportation experience, including project management, project development and environment (PD&E) studies, design feasibility studies, final roadway and structural design, coastal and marine structural and program management support, design-build owner's representative for RFP and design criteria development and management, and design-build teaming and management. John is proficient in project management, scope and staff hour development, scheduling, and progress reporting on roadway design contracts. As senior project manager, his current general duties include overseeing and/or assisting with the production of transportation projects, progress reporting, financial status, and schedules.



John
Cerreta, PE

RELEVANT EXPERIENCE

SR 5/US 1 from SR A1A/Ocean Boulevard Beach Road Bridge, Palm Beach County, FL, FDOT District 4, Project Manager/Project Engineer. John was responsible for roadway and drainage design. The project involved replacement of the four-lane SR 5/US 1 Bridge over the Loxahatchee River and Intracoastal Waterway and one mile of roadway approach reconstruction. The project included replacing the existing four-lane bridge with a wider four-lane bridge constructed along the same alignment. The new bridge accommodated seven-foot bicycle lanes and eight-foot sidewalk on both sides. Traffic railings separated pedestrian facilities from travel lanes. The bridge was constructed with a phased construction approach to maintain traffic along SR 5/US 1, allowing traffic to be maintained on half of the bridge throughout construction. The Jupiter SR 5/US 1 Bridge is a mid-level bascule bridge to replace the existing low-level bascule bridge. The project improved vehicular/waterway traffic flows. The estimated cost was approximately \$94M. In addition, FDOT requested us to focus on conceptual alternatives at the intersection of SR 706 (Indiantown Rd) and SR 811 (Alt A1A), critical intersections to a detour route used during full bridge closure to increase LOS, enhance safety during construction, and facilitate pedestrian accommodations. During development of conceptual alternatives, the scope changed from permanent alternatives to temporary alignment solutions. Finally, FDOT requested we evaluate the intersections of SR 5 (US 1) at SR 706 (Indiantown Rd), and SR 5 (US 1) at Beach Rd, to provide similar conceptual alternatives.

Banyan Boulevard Phase II, Design and Contract Document Services, Australian Avenue to Flagler Drive, Palm Beach County, FL, City of West Palm Beach, Project Manager. Banyan is a gateway to downtown West Palm Beach, waterfront, and downtown entertainment district. This corridor redevelopment creates a vibrant street and downtown gateway, prioritizing pedestrians/bicyclists, designed for alternative mobility and safe accommodation of automobiles. Typical plans were developed to transform it into a bicycle/pedestrian-friendly link. The recommended typical incorporated a raised protected bicycle track, reduced pavement width to slow drivers and a tree canopy that creates a sense of enclosure and visual order. This design reinvents Banyan Boulevard as a corridor prototype for multimobility in the City.

ATMS Arterial Traffic Management - Improve US 1 and SR 70 traffic, St. Lucie County, FL, Project Manager. This design-build project includes the design and installation of the Advanced Traffic Management System along US 1 and SR-70 in St. Lucie County including a new fiber optic communications system, traffic signal cabinets, traffic cameras, travel-time detection, and system integration services. In addition to multiple miles of directionally drilled fiber optic ITS line, the project proposes to cross multiple North St. Lucie River Water Control District (NSLRWCD) canals via aerial attachment or Horizontal Directional Drilling (HDD). Two of these canal crossings are tidal waterbodies (Moore's Creek and Taylor Creek) which required seagrass surveys for benthic resources and permitting with the Florida Department of Environmental Protection (FDEP and the U.S. Army Corps of Engineers, as well as Right-Of-Way Occupancy permitting with the South Florida Water Management District.

Taylor Road PD&E Study from US 41 to Airport Road, Charlotte County, FL, FDOT District 1, Project Engineer. The scope of this Project Development and Environmental (PD&E) study was to evaluate pedestrian and bicyclist accommodations on a shared-use path along approximately 3.5 miles of Taylor Road in Punta Gorda (Charlotte County). The project was divided into two planned design segments—Segment 1, from Jones Loop Road to Airport Road, and Segment 2, from US 41 to Jones Loop Road.

REGISTRATIONS:

Professional Engineer: Florida
#PE53992, 1999

EDUCATION:

Master of Science, Structural
Engineering - University of
South Florida, 1997

Bachelor of Science, Civil
Engineering - University of
South Florida, 1994

CERTIFICATIONS:

Advanced Maintenance of
Traffic

AFFILIATIONS:

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

YEARS OF EXPERIENCE

TOTAL: 28 | WITH WGI: 5



Greg is thoroughly familiar with state and federal environmental statutes, local and county regulations, and environmental permitting requirements within Florida. His experience includes managing the National Pollutant Discharge Elimination System (NPDES) Program of Florida's Turnpike Enterprise, regulatory permitting as a staff biologist for the Florida Department of Environmental Protection (FDEP) and U.S. Army Corps of Engineers (USACE), as well as hazardous waste response and sampling. Greg's background within the environmental regulatory system has afforded him the experience in both public and private operations, Phase 1 remediation, NEPA processes, and coastal zone management.

RELEVANT EXPERIENCE

I-75 Express Lanes from 170th Street to South of Miramar Parkway (Segment AB) Design-Build, Broward/Miami-Dade Counties, FL, FDOT District 4, Environmental Scientist. Greg worked closely with District 4 PL&EMO staff and conceptual design team to quantify/coordinate wetland impacts and listed species issues. This included continuous coordination with the U.S. Army Corps of Engineers. Greg also coordinated SFWMD's environmental, right-of-way, and dewatering permitting for the project. Segment AB is the largest, most complex segment of the corridor, extending 3.1 miles from NW 170th St to Miramar Pkwy. The project provided express lanes along I-75 median and along 2.6 miles of reconstruction of the Homestead Extension of Florida's Turnpike to accommodate a median-to-median flyover express lane connection, systems interchange movements, and new CD roads/ramps at the Miami Gardens interchange. We were the prime designer on three of the four I-75 express lane projects in D4. Services included roadway design, structures, survey, environmental assessments/permitting, drainage, signing and pavement marking, utility coordination, utility locating, and traffic control plans.

I-95 (SR 9) New Interchange at St. Johns Heritage Parkway SE Design-Build, Brevard County, FL, FDOT District 5, Environmental Scientist. Greg provided environmental and permitting services to complete the environmental reevaluation and permit modification necessary for construction of a new interchange at I-95 (SR 9) and St. Johns Heritage Parkway SE. The project is part of the City of Palm Bay, Brevard County, and FDOT D5 overall Heritage Parkway improvement program involving transportation facility access for southern Brevard. An innovative diverging diamond interchange (DDI) was used in instead of a partial cloverleaf interchange. The DDI features a center shared-use path and is the first DDI to be built in the County. Final design eliminated 450+ LF of drainage system jack and bore and 1,700 LF of deep excavation for stormwater piping along Florida Gas Transmission's easement to preserve maintenance access and meet the FGT/FDOT Global Settlement Agreement.

Waterway Crossings Verizon Sourcing, Miami-Dade/Broward/Palm Beach Counties, FL, Verizon, Environmental Scientist. This project is part of a 1,250-mile high-profile fiber installation throughout South Florida's tri-county area. This project includes environmental, survey, civil, and utility services related to 60 intracoastal/waterway communication fiber crossings throughout the region. Services included sea grass studies, hydrographic and upland surveys, all associated permit drawings, and coordination with the utility owners and right-of-way authorities. Permitting included local, state and federal right-of-way and environmental authorities, including FDOT, SFWMD, DERP, USACOE 404/10 and required SSLEs. This project required submittal of permits within 120 days.

SR 806 (Atlantic Ave) from Florida's Turnpike to Jog Rd, Palm Beach County, FL, Palm Beach County Roadway Production, Permit Coordinator. Greg was responsible for the PD&E re-evaluation, including noise, and wetland/wildlife impacts. The project included roadway widening of a four-lane urban/suburban facility to a six-lane divided urban facility. It also included dry treatment and attenuation within an adjacent roadside ditch, piping of the Lake Worth Drainage District L-34 Canal, bridge replacement, PD&E re-evaluation, noise walls, utility relocation, and public involvement. Work included roadway design, drainage/permitting, signalization, signing and marking, canal relocation, traffic control, geotechnical, structures, SUE/survey, post-design services, and as-built drawings.

SR 710 New Alignment from US 441 to the L-63N Interceptor Canal, Okeechobee County, FL, FDOT District 1, Environmental Scientist. This project consisted of a new alignment of SR 710 to a four-lane divided, high-speed urban facility, a project length of approximately 3.8 miles. The intent of the project was to reduce traffic flow on SR 710 and US 441 by bypassing the City of Okeechobee. SR 710 is designated as an urban and rural principal arterial and a Strategic Intermodal System (SIS) facility. The design speed for this facility is 50 mph and the roadway was centered in the 136 feet of minimum right-of-way.

ENVIRONMENTAL



Gregory "Greg" Griffith

EDUCATION:

Bachelor of Science,
Environmental Science -
University of West Florida, 2001

CERTIFICATIONS:

FDEP Stormwater Management
Inspector | FWC Authorized
Gopher Tortoise Agent | PADI
Open Water Diver

AFFILIATIONS:

Florida Association of
Environmental Professionals |
Florida Stormwater Association

YEARS OF EXPERIENCE

TOTAL: 20 | WITH WGI: 14



John has diverse experience in environmental consulting, including contamination remediation, wetland mitigation, wildlife surveys, environmental planning, NEPA, and permitting. He has been a project manager on multi-million-dollar environmental projects. John is active in the environmental community; he serves on the Board of Directors of the Florida Association of Environmental Professionals (FAEP).

RELEVANT EXPERIENCE

SR 865 (San Carlos Boulevard) from North of Crescent Street to North of Hurricane Pass Bridge, Lee County, FL, FDOT District 1, Environmental Scientist/Phase Manager. John led contamination screening evaluation report for the PD&E phase. SR 865 (San Carlos Boulevard) is the main access to Fort Myers Beach. The project involved reconfiguration of existing travel lanes to provide two inbound lanes to the beach and providing pedestrian-bicyclist connectivity on both sides of SR 865. The scope included widening of the Matanzas Pass Bridge to accommodate a new shared use path and reconfiguration of lanes on the Hurricane Bay Bridge to accommodate a new barrier-separated pedestrian path. WGI also prepared the Natural Resources Evaluation (NRE) to assess impacts to wetlands and protected species.

Schofield Road from US 27 to Lake-Orange County Line, Lake County, FL, Lake County BOCC, Environmental Scientist. Reconstruction of Schofield Rd from an existing dirt road to a two-lane rural collector road serving primary access for the CEMEX Four Corners sand mine. In coordination with the County, elements for a future four-lane divided typical section were incorporated into the design. The design included an interim connection to existing roadway and accommodations for re-alignment of Schofield Road by Orange County. Stormwater management was permitted through St. John's River Water Management District. Design required extensive coordination with Water Conserv. II, a partnership between the City of Orlando and Orange County, which owns a 30-inch reclaimed water main used for agricultural irrigation.

The Groves Master Plan, Broward/Hendry Counties, FL, Seminole Tribe of Florida (STOF), Environmental Scientist. John performed a Phase I and II ESA and prepared a soil management strategy to address arsenic in soil. STOF is developing 890 acres on the Big Cypress Reservation. The master plan project includes conceptual layout and a mixture of 1.5-acre home sites and single-family rentals. The development provides commercial business sites and public facilities. The conceptual design and environmental assessment include master planning of lot layouts for density calculations, Phase I ESA, wetland delineation, master traffic study and roadway layouts, master utility layout, master drainage layout, NEPA preparation and processing, and development scheduling. WGI prepared a topographic survey of the development using aerial drone-based LiDAR and ground survey.

Dunn Two Lakes Environmental Services, Miami-Dade County, FL, Lennar Homes, Project Manager. WGI led the contamination assessment and cleanup of this 145-acre parcel in Hialeah. The property contained two abandoned quarries surrounded by cattle pasture, animal pens, slaughterhouse, cattle feed tanks, and equipment storage. WGI's scientists delineated petroleum and arsenic contamination and coordinated removal of contaminated soils in five source areas. An assessment of a deep groundwater plume of ammonia was also performed. We developed a soil management plan that showed it was safe to manage the contaminated soils on site, resulting in a savings of over \$1M.

Wetland Monitoring at Brighton and Big Cypress Seminole Indian Reservation (Wetland Enhancement Areas 4, 5, and 6), Broward County, FL, Seminole Tribe of Florida, Project Manager. John assisted with field data collection and had a leading role in data analysis and assessing compliance with the permits. WGI conducted wetland monitoring on 4,114 acres of land in the native area on the Big Cypress Seminole Indian Reservation. This included a science-based vegetation inventory and calculations of species richness and diversity. WGI evaluated the data to assess long-term changes in native vegetation, hydrology, and invasive species.

ENVIRONMENTAL



John
Abbott, PG, CEP

REGISTRATIONS:

Florida #PG2401, 2005

EDUCATION:

Master of Science, Geology -
New Mexico Tech, 1995

Bachelor of Science, Geology -
Virginia Tech, 1992

CERTIFICATIONS:

Certified Environmental
Professional | FDEP
Stormwater Management
Inspector | FWC Authorized
Gopher Tortoise Agent | OSHA
30-Hour Construction Safety
and Health | USACE
Construction Quality
Management for Contractors

AFFILIATIONS:

Florida Association of
Environmental Professionals |
South Florida Association of
Environmental Professionals

**YEARS OF EXPERIENCE
TOTAL: 25 | WITH WGI: 6**



DRI STUDIES

Lynn has extensive experience providing professional planning and design services in the public and private sectors. She provided planning support for land acquisition through the eminent domain process and master planning for cities, neighborhoods, and property owners. She also facilitated the adoption of future land use plan amendments, modification to developments of regional impacts, rezonings, site plans, master planning, and plats. Lynn is qualified as an expert in interpreting comprehensive plans and land development regulations throughout Florida. She provided expert witness testimony at trial, pretrial mediations, and order of take hearings.

RELEVANT EXPERIENCE

DRC Review for Planning, Landscape Architecture, Engineering & Traffic Engineering, Broward County, City of Miramar, Planner. Under a professional planning, landscape architectural, civil, and traffic engineering services contract, we provided DRC review for a 46,000-square-foot Walmart expansion. The improvements included site plan, planning, traffic, landscape architecture, and survey review. It also included working with the applicant to resolve outstanding issues primarily related to landscape improvement, pedestrian zones, and CAB comments.

SR 7 Value Engineering Corridor Study from Miami-Dade County Line to Griffin Road, Broward County, FDOT District 4, Project Planner. Lynn was responsible for land use issues associated with the road widening and alignment evaluation of SR 7. The project evaluated parcel impacts and alignment alternatives, and the findings were presented to the value engineering team, which resulted in substantial cost savings for the District. Lynn also was part of right-of-way evaluation team that provided input to FDOT's design department regarding future right-of-way takings on planned roadway projects.

West Lake Worth Road Corridor Master Plan and Design Guidelines, Palm Beach County, Project Planner. As part of the planning and design team, Lynn addressed planning issues of seven communities located along the Lake Worth Road corridor, west of the Turnpike. Residents were concerned with growth issues involving 600 acres of undeveloped land in their communities. The planning team met with the communities through a series of neighborhood meetings and assessed their goals, desires, and vision of the corridor. The team also worked with the seven communities and the Palm Beach County Planning Department to develop a master plan and design guidelines to ensure future development within the Corridor would be managed. The master plan identified land use densities, locations of potential future land use changes, open space plan, and established a transportation network.

Owner's Representative Services for 2020 Transportation Bond Program, Clay County, FL, Clay County Board of County Commissioners, Planner. The Clay County Board of County Commissioners (BOCC) passed a \$129M roadway improvement bond program for seven projects and selected WGI to be the Owner's Representative. WGI is responsible for preparing/managing the master plan, budget, and schedule to guide the projects through completion. Services WGI provided include management, planning, surveying, engineering, permitting, right-of-way acquisition, and CEI to ensure the projects are completed on schedule and budget. The projects will be delivered using a combination of design-build and construction manager-at-risk (CMAR) methods. These alternative delivery models address time restrictions related to the March 2020 bond issuance pledge of County sales surtax revenue. WGI's vast experience in alternative delivery was a key factor in the County's choice to trust WGI with this legacy initiative.

Schofield Road from US 27 to Lake-Orange County Line, Lake County, FL, Lake County Board of County Commissioners (FL), Planner. Project included reconstruction of Schofield Road from an existing dirt road to a two-lane rural collector roadway serving the primary access route for the CEMEX Four Corners sand mine. The total project length is five miles, beginning at US 27 and ending at the Lake-Orange County line. In coordination with the County, elements for a future four-lane divided typical section were incorporated into the design. At the county line, the design included an interim connection to existing roadway and accommodations for re-alignment of Schofield Road by Orange County. Stormwater management was permitted through St. John's River Water Management District (SJRWMD). Design required extensive coordination with Water Conserv. II, a partnership between the City of Orlando and Orange County, which owns a 30-inch reclaimed water main used for agricultural irrigation. The water main runs along most of the project limits.



Lynn
Zolezzi, AICP

REGISTRATIONS:

American Institute of Certified Planners: Florida #019841, 2002

EDUCATION:

Bachelor of Business Administration, Real Estate - Florida Atlantic University, 1990

AFFILIATIONS:

American Institute of Certified Planners | American Planning Association | Association of Eminent Domain Professionals | Leadership Palm Beach County | Palm Beach County Planning Congress | Women of Commercial Real Estate

YEARS OF EXPERIENCE

TOTAL: 28 | WITH WGI: 20



ROADWAY/INTERSECTION DESIGN, S&PM, TRAFFIC SIGNAL DESIGN, LIGHTING

George is an experienced roadway designer on state and municipal projects. He has played an integral role in the development of roadway, traffic control, and signing and pavement marking plans, and has quickly established a reputation for consistently completing projects with outstanding quality. George is well versed in adhering to appropriate design standards and is fully trained in AutoCAD, MicroStation, GeoPAK, and 3D modeling.

RELEVANT EXPERIENCE

Sligh Boulevard and Columbia Street Improvements, Orange County, FL, City of Orlando, Phase Manager, Engineer of Record. George was in charge of plans production and involved in intersection design, matching existing design, signing and pavement marking, utility adjustment plans preparation, and cost estimates. Project included resurfacing, restoration and rehabilitation of the roadway and operational improvements at the intersections to accommodate future Bus Rapid Transit (BRT) expansion, bus routes, and freight delivery. The rail crossing at Columbia St was improved to facilitate safe movement of people, vehicles, and trains with a four-quadrant gate system. Sligh Blvd was reconfigured to improve/accommodate turning movements of BRT, bus, and freight vehicles. Also included a raised crosswalk/intersection table at Sligh Blvd and Copeland St to provide a continuous pedestrian connection, improving ADA accessibility to the Orlando Amtrak station. Watermain/sanitary sewer relocation, streetscape/landscape, permitting, project design, and coordination with the FDOT were also included.

US 92/Hillsborough Avenue at MacDill Avenue Signal Conversion, Hillsborough County, FL, FDOT District 7, Project Engineer. This safety improvements project consists of constructing an emergency traffic signal conversion and crosswalk at US 92/Hillsborough Avenue at MacDill Avenue in Hillsborough County. Work included installation of pedestrian signals and crosswalks, all necessary signs, pavement markings, controller assembly, pedestrian features as necessary to accommodate pedestrian traffic with minimum impact to the current vehicular traffic patterns and calculating clearance timing intervals. A photometric analysis was performed for roadway lighting at this signalized intersection to enhance pedestrian safety during night time hours.

SR 687/4th Street at 116th Avenue Signals, Pinellas County, FL, FDOT District 7, Roadway Engineer of Record/Task Leader. George was responsible for the constructability analysis, roadway design, traffic control, plans production, and engineer's estimates. This safety improvements project included construction of new traffic signals at SR 687/4th St and 116th Ave. Work included design and installation of two dual-arm mast arm signals, signage, pavement marking, controller assembly, and calculation of clearance timing intervals. Pedestrian features were provided to accommodate pedestrian traffic with minimum impact to current vehicular traffic. Efforts included coordination with maintaining agency for color code requirements, fiber optic communications, and system operation as related to internal wiring details.

SR 582/Fowler Avenue at 12th Street Access Management, Hillsborough County, FL, Ajax Paving Industries, Inc., Roadway Engineer of Record/Task Leader. George was responsible for constructability analysis, roadway design, traffic control, plans production, and engineer's estimates. This safety/operational improvements project consisted of removal of the eastbound directional left-turn lane at SR 582/Fowler Avenue at 12th Street and extension of the eastbound directional left turn lane at SR 582/Fowler Avenue and 14th Street in Hillsborough County. Elements of the work included removal of temporary "quick" curb, installation of a traffic separator, extension of the eastbound turn lane, and the removal and installation of all necessary signs and pavement markings.

SR 52 at Saint Leo University Entrance Signal, Pasco County, FL, FDOT District 7, Roadway Engineer of Record. This safety improvements project consisted of construction of a new traffic signal at SR 52 at the Saint Leo University entrance. Work included installation of the dual-arm mast arm signal structure, crosswalks, signs, pavement marking, controller assembly, and calculation of clearance timing intervals to accommodate pedestrian traffic with minimum impact to the vehicular traffic patterns.

SR 580/Dale Mabry Highway at West Waters Avenue Pedestrian Improvements, Hillsborough County, FL, FDOT District 7, Project Engineer. This safety project included improvement of intersection lighting near the existing intersection of SR 580 (Dale Mabry Hwy) at CR 584 (West Waters Ave) and extension of a right-turn lane and bicycle keyhole for southbound SR 580/North Dale Mabry Highway at the entrance to Walmart, just south of CR 584/West Waters Avenue, in Hillsborough County.



George
Knox, PE

REGISTRATIONS:

Professional Engineer: Florida
#PE82283, 2017

EDUCATION:

Bachelor of Science, Civil
Engineering - University of
Central Florida, 2010

CERTIFICATIONS:

Advanced Temporary Traffic
Control

AFFILIATIONS:

Florida Engineering Society,
FES #9020180 | Tau Beta Pi
The Engineering Honor Society

YEARS OF EXPERIENCE

TOTAL: 10 | WITH WGI: 9



ROADWAY/INTERSECTION DESIGN, S&PM, TRAFFIC SIGNAL DESIGN, LIGHTING

Brett brings our team comprehensive experience in planning and final engineering design of major/minor roadway facilities. He has extensive knowledge of plans production; vertical and horizontal geometric design; intersection design; signing and pavement marking, including GuideSIGN; signalization; traffic forecasting and modeling; and quantity and cost analysis. He has expertise in design software, including MicroStation and GEOPAK. He also is experienced in intersection/corridor lighting design and AGi32 photometric analysis software.

RELEVANT EXPERIENCE

GASB Carver Avenue Neighborhood Improvements, Work Authorization 7, Palm Beach County, FL, City of West Palm Beach, Project Engineer. The project includes completion of final design plans and construction specifications for the City's Neighborhood Enhancements (streetscape) along Carver Avenue, including complete streets, traffic calming and drainage assessment. Once the evaluation of the drainage network is complete, plans will be developed to revitalize the area through milling and resurfacing the network of streets, in conjunction with pedestrian enhancements and incorporation of traffic calming solutions. Proposed improvements shall include develop pavement design package to justify minimum milling required within neighborhood, pavement cores, traffic calming, on-street parking, analyze pedestrian paths and upgrade as needed to address continuity and ADA, along with post-design construction services.

US 441/SR 7 Lighting Design and Retrofit between Riverland Road and Davie Boulevard/SR 736, Broward County, FL, FDOT District 4, Project Manager. Under WGI's Districtwide Minor Design contract with D4, this project included horizontal photometric analysis along SR 7 north of Riverland Rd to south of Davie Blvd, and intersection photometric analyses at the Riverland Rd intersection. Lighting design/plans were developed based on results of the photometric analysis and latest FDOT/FPL lighting criteria and standards. Utility coordination and survey services were included to facilitate the design and retrofitting of existing FDOT lighting and FPL distribution poles.

Sunlake Boulevard from Ridge Road to SR 52 Roadway Development, Project Engineer. Sunlake Boulevard is the main road through the Angeline development from north to south. The project is in a CDD and part of the Connected City program and will design and permit four miles of roadway from SR 52 to the future Collector Road south of the future Ridge Road alignment. It will include a four-lane divided urban curb and gutter, with five-foot bike lanes, six-foot sidewalk, 12-foot multi-use path, and five-foot communications easement adjacent to the path. It also includes several roundabouts and widening of SR 52 to accommodate the turn lane improvements. The proposed intersection required a signal warrant analysis and signal design. Bridges will be designed when the alignment crosses designated wetlands to minimize impacts.

Banyan Boulevard Phase II, Design and Contract Document Services, Australian Avenue to Flagler Drive, Palm Beach County, FL, City of West Palm Beach, Engineer of Record. Brett was responsible for preliminary/alternative roadway design and signalization modifications to

transform this busy street into a downtown multimodal gateway, giving access to downtown West Palm Beach, waterfront, and the downtown entertainment district. This corridor redevelopment creates a vibrant street and downtown entrance, prioritizing pedestrians/bicyclists, designed for alternative mobility/safe accommodation of cars. The design transformed it to a bicycle/pedestrian-friendly link. The recommended design used a raised/protected bike track, reduced pavement width, and a tree canopy that creates a sense of enclosure and visual order. This design reinvents Banyan Boulevard as a corridor prototype for multimobility in the City.

Martin Downs Blvd Intersection Improvements at Sand Trail and Crane Creek Ave, Martin County, FL, Martin County BOCC, Project Manager. The project consisted of the completion of final design plans and construction specifications for the intersections of SR 714/Martin Downs Boulevard at Crane Creek Ave and Sand Trail. At the intersection of SR 714 and Sand Trail, improvements included roadway widening for the eastbound approach to provide a dedicated left turn lane and a dedicated right turn lane for the approach. At the intersection of SR 714 and Crane Creek, improvements included upgrading the existing strain pole system to a mast arm system and providing lighting at the intersection to meet current FDOT pedestrian lighting criteria. WGI was responsible for roadway, S&PM and drainage design and plans production, structures design related to the proposed mast arm signal foundations, utility coordination, design survey and subsurface utility exploration.



**Brett
Fuller, PE**

REGISTRATIONS:

Professional Engineer: Florida
#PE78486, 2015

EDUCATION:

Bachelor of Science, Civil
Engineering - University of
Miami, 2009

Master of Engineering, Civil
Engineering - University of
Florida, 2011

CERTIFICATIONS:

Advanced Maintenance of
Traffic | Advanced Temporary
Traffic Control | FDOT
Specifications Package Prep

AFFILIATIONS:

American Society of Civil
Engineers | Florida Engineering
Society, 9014922

YEARS OF EXPERIENCE

TOTAL: 11 | WITH WGI: 10



SIGNAL WARRANT ANALYSIS, SAFETY ANALYSIS, TRAFFIC SIGNAL DESIGN, LIGHTING

Acey has vast experience in traffic and intelligent transportation systems (ITS) both in private practice serving the Florida Department of Transportation as a consultant and state employee for Mississippi Department of Transportation (MDOT). His experience includes project programming and planning, fiber and traffic signal design, ITS field device design, and wireless communications systems. Acey served as the MDOT ITS engineer, implementing state-wide systems, including advanced traffic management systems, 511, adaptive traffic signal control, ITS architecture updates, ITS business plans, concept of operations, maintenance work order programs, and traveler information smart phone apps and websites.

RELEVANT EXPERIENCE

US 17 at Bates Road Signalization Improvements, Polk County, FL, Project Engineer. As part of the FDOT District 1 Design-Build Pushbutton contract, this project provided safety improvements at the intersection of US 17 and Bates Rd. Work included new mast arm signalization, signing and pavement marking, temporary traffic control, geotechnical investigations, SUE, and utility coordination. Additionally, structural design accounted for future mast arm loading when this intersection is converted from a T-intersection to four-way.

SR 865 (San Carlos Boulevard) from North of Crescent Street to North of Hurricane Pass Bridge, Lee County, FL, FDOT District 1, Project Engineer. SR 865 (San Carlos Blvd) is the main access to Fort Myers Beach. The project involved reconfiguration of existing travel lanes to provide two inbound lanes to the beach and pedestrian-bicyclist connectivity. It included widening of the Matanzas Pass Bridge to accommodate a new shared-use path and reconfiguration of lanes on the Hurricane Bay Bridge to accommodate a new barrier-separated pedestrian path. One-half mile of roadway was milled and resurfaced to accommodate the bike lanes. The temporary traffic control plan maximized access during peak beach season. The scope included new signals at Fifth and Main St. Existing signals at Prescott/Buttwood were converted to actuated-metering to allow one lane of traffic at a time when backups are detected on the Matanzas Pass Bridge. Also included extension of ATMS along SR 865 for three miles. Design included new lighting at signalized intersections and landscape. Extensive public involvement was coordinated with the Town of Fort Myers Beach, Lee County, and LeeTran. Also included coordination on a parking availability study with options to address parking demand management and coordination with an area resort developer. Design was coordinated with a concurrent PD&E study by District 1 staff.

SR 544 at Alta Vista School Zone Crossing Modifications, Polk County, FL, Project Engineer. This task work order addressed school zone safety improvements at SR 544 and Alta Vista in Polk County. Elements of work included upgraded school zone signing and marking to accommodate a new pedestrian crossing; structural design for a new strain pole assembly to hold an overhead school zone sign; driveway and curb ramp reconstruction; analysis of additional loading on an existing strain pole sign assembly; geotechnical investigation; SUE services; and utility coordination.

Consultant Engineer of Record, Traffic Design, Central/Southwest Florida, FDOT District 1, Engineering Consultant. Supported FDOT D1 as an embedded engineer of record in traffic design, providing overall management, quality control, training, and daily assistance to DOT and consultant staff for all projects in the District.

General Engineering Consultant Services, Tampa, FL, FDOT District 7, Engineering Consultant. Supported this contract on various assignments with Intelligent mobility, ramp metering design, smart work zones, long range work project scopes, and cost estimates for traffic signal improvements.

Traffic Signal Services, Pinellas County, FL, Engineering Consultant. Acey provided design and plan production for Pinellas County under a general consultant contract. The projects involved designing and upgrading new and existing traffic signals to accommodate geometric, signing, and striping improvements.

I-75 at Corkscrew Interchange Design, Lee County, FL, FDOT District 1, Engineer of Record. Engineer of record for traffic signals and ITS improvements at I-75 and Corkscrew Road in Lee County. Prepared bid plans for traffic signal design, ITS field devices and communications, and signing and pavement marking.



**William "Acey"
Roberts, PE**

REGISTRATIONS:

Professional Engineer: Florida
#PE82914, 2017

EDUCATION:

Bachelor of Science, Civil
Engineering - University of
Mississippi, 1999

CERTIFICATIONS:

Advanced Temporary Traffic
Control | Certificate in Asset
Management

AFFILIATIONS:

Gulf Region Intelligent
Transportation Society |
Institute of Transportation
Engineers | Intelligent
Transportation Society of
Florida

**YEARS OF EXPERIENCE
TOTAL: 20 | WITH WGI: 1**



SIGNAL WARRANT ANALYSIS

Ashley's experience in transportation design has allowed her to develop skills in roadway, drainage, signing and pavement marking, and maintenance of traffic design. She has worked extensively in plans production and quantities and estimating.

RELEVANT EXPERIENCE

Capstone Transportation Impact Analysis, Austin, TX, Studio 8 Architects, Engineer Intern. WGI completed the transportation planning and traffic engineering analysis for more than three million square feet of office space for the new Apple Campus in north Austin. The project team evaluated nearly 20 external intersections and access driveway locations for the project; internal intersection control throughout the project site; access and circulation for vehicles, pedestrians, and bicyclists; and impacts on the surrounding transit system. WGI provided recommendations for access and improvements in this congested section of Austin, and also planned for future buildout of the 6,000-acre Capstone property. After receiving approval from the City of Austin, Travis County, Williamson County, and TxDOT, the team supported the development with design plans for a new traffic signal and a modification to an existing traffic signal, design of new lanes for access to and from the project, planning for an intercampus shuttle/circulator, and a concept plan for a shared-use pedestrian/bicycle path between campuses.

SR 95 from South of CR 184 to SR 97, Molino, FL, FDOT District 3, Engineer Intern. Ashley's primary responsibilities included plans production and quantities, as well as utility coordination.

SR 10 (US 90) Willow St. to Madison Co Line (Jefferson County), FDOT District 3, Engineer Intern. Ashley's responsibilities included plans production, drainage design, maintenance of traffic, and utility coordination.

SR 85 from North of SR 123 to North of SR 8, Crestview, FL, FDOT District 3, Engineer Intern. This RRR project consists of resurfacing SR 85 from SR 123 to SR 8 (I-10), including travel lanes, auxiliary lanes, median crossovers, and paved shoulders. The existing typical section is a four-lane divided highway. Offset left-turn lanes will be constructed at Antioch Rd. A directional median opening and channelized right-turn lane will be constructed at Southcrest Dr. A goes-with project was included to construct a northbound travel lane on SR 85 from the I-10 interchange to Hospital Drive. Five turn lanes will be extended, and a left-turn lane will be constructed as part of this contract. New sidewalk and ADA improvements will be included in the construction documents.

I-95 (SR 9) at Old St. Augustine Road Interchange Loop Ramps Safety Project, Jacksonville, FL, FDOT District 2, Engineer Intern. Responsibilities included plans production, quantities, and signing and pavement marking design. Ashley also assisted with maintenance of traffic.

SR 109 (University Blvd) SR 10 (Atlantic Blvd) Intersection Safety Project, Jacksonville, FL, FDOT District 2, Engineer Intern. Ashley's responsibilities included access management and plans production.

I-95 at SR 202 JT Butler Boulevard Interchange Operational Improvements Design-Build, FL, FDOT District 2, Engineer Intern. Ashley's primary responsibilities were signing and pavement markings on both the interstate and SR 202, encompassing the design of critical guide signs and overhead structures.

SR 10 (US 90) Resurfacing, Rehabilitation and Restoration, FL, FDOT District 3, Engineer Intern. Ashley's primary responsibilities included plans production, quantities, and writing design exceptions and variations and the RRR Report. She performed extensive field research into the locations of the historic Crepe Myrtles and explored grading opportunities.

SH 195 at Ronald Reagan Boulevard, Georgetown, TX, Williamson County, Engineer Intern. Existing SH 195 is a high-speed, four-lane, divided roadway passing Ronald Reagan Blvd on a bridge structure. Access between the roadways is provided with turn lanes and median crossings via Rattlesnake Rd. The project includes preparation of a route and design study to consider adding a NB exit ramp from SH 195 to Ronald Reagan with a T-intersection, adding an auxiliary lane for NB traffic before the new exit ramp, removal of existing median crossing/deceleration lanes, replacing the current intersection of Rattlesnake Rd and SH 195 by adding SB exit/entrance ramps, and improved signage and lighting for the existing northern intersection. Survey, geotechnical, environmental, roadway, traffic engineering, drainage, retaining walls, and construction phase services were included in final design of the project.



**Ashley
Orr, EI**

REGISTRATIONS:

Engineer Intern: Florida
#1100020625, 2017

EDUCATION:

Bachelor of Science, Civil
Engineering - Pennsylvania
State University, 2014

CERTIFICATIONS:

FDOT Specifications Package
Preparation

YEARS OF EXPERIENCE

TOTAL: 6 | WITH WGI: 6



With extensive experience in geographic information systems (GIS), Eric excels in project management, design and programming of application workflow, global positioning system (GPS) data collection, information conversion, database development, and GIS analysis. He is a nationally renowned expert in GIS, known for his commitment to project success. As a project manager, he is an effective communicator that works closely with project owners and stakeholders. He also provides facilitation and leadership of staff workshops, written reports, and conference presentations. During his career, Eric has accumulated approximately 45,000 hours of hands-on experience with GIS.

RELEVANT EXPERIENCE

Schofield Rd from US 27 to Lake-Orange County Line, Lake County, FL, Lake County BOCC (FL), GIS Analyst. Reconstruction of Schofield Rd from an existing dirt road to a two-lane rural collector roadway serving the access route for the CEMEX Four Corners sand mine. In coordination with the County, elements for a future four-lane divided typical section were incorporated into the design and an interim connection to the existing roadway and accommodations for re-alignment of Schofield Road by Orange County. Stormwater management was permitted through St. John's River Water Management District. Also required coordination with Water Conserv. II, which owns a 30-inch reclaimed water main used for agricultural irrigation.

Bike Lane/Sidewalks, SR 5 Federal Highway from Johnson St to Sheridan St, Broward County, FL, FDOT District 4, GIS Analyst. This design survey covers 2.5 miles of US 1/SR 5 for a transportation improvement project that includes milling and resurfacing, increased bike lane widths, and sidewalk reconstruction. Survey innovations saved time and money, including the use of WGI's Terrestrial Mobile LiDAR system that allows for efficient and comprehensive collection of the corridor while minimizing delays/impacts to the public and dangers of working in the roadway.

SR 84 at Weston Road Intersection Improvements, Broward County, FL, FDOT District 4, GIS Analyst. As part of a continuing contract, this project consisted of operational improvements at Weston Road and SR 84 to reducing peak-hour queues. It included widening of WB SR 84 to extend the existing left-turn queue length, addition of a WB SR 84 to SB Weston Rd left turn-lane, and another SB lane along Weston Rd. Services included widening, drainage, signalization, lighting, landscape architecture, miscellaneous structures, utility coordination, environmental permitting, survey, SUE, geotechnical, and public involvement.

Staff Gauge Repair/Replacement, Survey, GIS Mapping, Multiple Counties, FL, South Florida Water Management District, Phase Manager. Eric is responsible for the maintenance of all District owned staff gauges and is currently creating a GIS Asset Inventory Database to aid in maintenance responsibilities. The Staff Gauge Repair/Replacement Project (SGRRP) has contracted with WGI to create a reliable asset inventory and supporting GIS database. Tasks include data collection/composition from existing and field sources and development of a platform in ArcGIS Online/ESRI Portal for the District/consultants to field collect with ArcGIS Field Maps.

GIS Definition Report and Implementation Plan, Houston, TX, Sakhalin Energy Investment Co./Marathon Oil., Lead Pipeline GIS Analyst. Provide services for IT department to prepare for an enterprise-wide implementation of a geographic information system (GIS). The goal is to guide the corporation through a GIS needs definition process and development of a comprehensive GIS implementation plan for the next three to five years. The prescribed infrastructure allows deploy of GIS to users in project office locations worldwide. The report documents three vital components of an enterprise information system solution, current status of application development/data management, technical requirements to drive future GIS development, and long-term strategic uses of GIS as a core information resource system. This report is a result of data collected directly with client staff and contractors, and review of available geospatial data/software documentation. The implementation master plan will distribute throughout the corporation.

GIS Needs Assessment and Implementation Plan, Los Angeles/Phoenix, Los Angeles District U.S Army Corps of Engineers, Lead GIS Analyst. A GIS needs assessment and implementation plan was performed/developed to provide a framework and written guidance concerning utilization and cost benefits of operating a GIS in the Planning Division of the Los Angeles Army Corps of Engineers. The prescribed system is compliant with Tri-Service GIS Spatial Data Standards (TSSDS) and uses the most recent commercially available releases of GIS software. A full study of the organization/partnering agencies was performed via interviews and review of existing spatial data standards and practices.



Eric Sheehan, GISP

EDUCATION:

Master of Science, Geography - University of Iowa, 1995

Bachelor of Science, Recreation Education - University of Iowa, 1987

CERTIFICATIONS:

FAA Remote Pilot Small Unmanned Aircraft System | Geographic Information Systems Professional

YEARS OF EXPERIENCE TOTAL: 25 | WITH WGI: 1



David Schmitt, AICP

Travel Demand Modeling | Transportation Studies

Dave is Director of Travel Demand Modeling and Analytics (TDMA) and has 26 years of experience working with travel demand models around the country. He develops and applies models tailored to client's needs, based on good practice, and grounded by data. His experience includes developing and applying entire regional models, upgrading models to achieve stricter standards (such as the Federal Transit Administration's New Starts/Capital Investment Grant forecasting standards), developing models targeted to specific modes (e.g., STOPS, multinomial nested logit models) or travel markets (e.g., airport passenger or visitor models), performing independent reviews of travel models, and leading model validation efforts. Dave is proficient in the prevalent model structures (including trip- and ABM-based models), demand software packages, and programming/scripting languages in use today. He has developed and applied models in dozens of urban areas around the country.



Professional Background

- Member, American Institute of Certified Planners (#016625) since 2001
- Member, TRB Committee on Transportation Planning Analysis and Application (AEP15)
- Member, Florida Model Task Force (Central Florida User's Group)

Education

- B.S., Statistics and B.S., Mathematics, Florida State University (1993)
- M.S., Planning (Transportation), Florida State University, 1995

Relevant Experience

Central Florida Regional Planning Model Versions 7.0, East Central Florida.

Dave led the development of the newest version of the Central Florida Regional Planning Model, the regional travel model used for long-range planning and traffic projects in East Central Florida (including the cities of Orlando, Daytona Beach, Sanford and DeLand). More than 4.5 million people are located within the model's 11-county boundary. The entire model was re-coded and re-scripted to streamline processes and running time. In all, the number of lines of script/code has been reduced by two-thirds (35,000 to 15,000 lines). The centerpiece of the model is a new, GIS-friendly roadway network, developed by the Florida Department of Transportation. The number of zones has been increased from 5,400 to 9,050 (+67%). This normally would increase the model running time by over 200%; however, with the new scripting/coding procedures running time remains nearly identical to the 5,400-zone version.

Comparison of Aggregate Trip-Based and Micro-simulated Tour-Based Models in Predicting Behavior Before and After Transportation System Changes

Dave was task manager for a research team led by University of Texas-Austin analyzing how Mid-Ohio Regional Planning Commission's (MORPC) trip-based (4-step) and activity-based models reacted to a series of recently-implemented transportation projects in Columbus Ohio. Dave had a significant role in direction and strategy of the project and was responsible for generating the travel demand tests and information. This project is considered the first empirical effort to compare both types of models.

STOPS Model Development & Application. Dave manages the development and application of STOPS models around the country. To date, he has led the development of over 20 STOPS models, including Miami/Ft. Lauderdale, Orlando, Tampa, Atlanta, Chicago, and Minneapolis. STOPS is the Federal Transit Administration's (FTA) Simplified Trips on Project Software (STOPS). Dave was significantly involved in STOPS' predecessor programs and has using STOPS regularly since its release in 2013.

Transit Planning

Andrea is a collaborative and solutions-oriented transportation planner who serves as Toole Design's Central Florida Office Director. She has a unique collection of experience with transit and land use planning in both the public and private sectors, having served as the Director of Planning and Engineering for a regional transportation authority, the project manager for a wide variety of Bus Rapid Transit (BRT) and rail efforts, and a local government liaison for transportation issues. Andrea has seen a broad transportation initiatives through to implementation, proving her value on both project- and enterprise-level planning efforts.



**Andrea
Ostrodka, AICP,
LEED AP**

SELECTED PROJECT EXPERIENCE

StarMetro Transit Development Plan (TDP), Tallahassee, FL Andrea conducted a peer analysis the evaluated ridership and cost projections associated with various routing and headway policy scenarios for StarMetro's Development Plan, a 10-year needs-based plan that serves as a strategic guide to improve transit service through the capital region.

Lake County Transit Comprehensive Operational Analysis, Tavares, FL. As Lead Transit Planner, Andrea preformed an operational efficiency evaluation for Lake County's rural transit system. The evaluation included bus performance at the route level based on a set of quantitative criteria, as well as a financial analysis of route alternatives. Andrea oversaw the analysis, conducted a quality review, and prepared a series of recommendations to optimize system performance.

TBARTA Regional Transit Development Plan (RTDP), Tampa, FL. As Lead Transit Planner, Andrea led the creation of Florida's first regional transit development plan. The Regional Transit Development Plan will be the strategic guide for the Tampa Bay Area Regional Transit Authority over a 10-year period. Andrea conducted the peer agency analysis, which identified best practices for agency governance, interlocal coordination, planning, operations, and funding.

Tyler Transit Route and Active Transportation Study, Tyler, TX. Andrea oversaw technical analysis and public engagement for the Tyler Transit Route Study. This included an evaluation of efficiency and effectiveness performance measures, customer satisfaction, fare collection, latent demand, and service to vulnerable populations. Recommendations position Tyler Transit to tailor service over time to respond to post-pandemic recovery needs, link downtown to three universities and the fast-growing south Tyler area and connect people to employment opportunities through partnerships with local veterans' and community service organizations.

SR 50 Alternatives Analysis, Orlando, FL. Andrea oversaw the successful grant application process for this project as well as all aspects of planning and stakeholder outreach to identify transit alternatives for one of Central Florida's busiest east/west corridors connecting downtown Orlando and Lake County to the west, and the University of Central Florida to the east.

US 192 Alternatives Analysis, Kissimmee, FL. Andrea oversaw all elements of this 18-month analysis, including development of purpose and need, existing/future conditions analysis, ridership demand modeling, long- and short-list screening, travel time analysis, public and stakeholder engagement, and selection of the median-running Bus Rapid Transit Locally Preferred Alternative (LPA).

Pasadena Hills Areawide Strategic Plan, Pasco County, FL. Andrea led the master planning process in collaboration with landowners, business owners, and Pasco County to create a long-term vision for development, transportation, and civic infrastructure in Pasadena Hills. The strategic plan was based on a year 2050 horizon and provided for a logical extension of urban uses, reconnected neighborhoods, provided for the capital construction of utilities and facilities to serve the area, and established design guidelines to create unique identity and sense of place.

SunRunner/Central Avenue Bus Rapid Transit Final Design, Pinellas Suncoast Transit Authority (PSTA), St. Petersburg, FL. Andrea served as the project manager for this project, directing final design and engineering activities for the first Bus Rapid Transit (BRT) line in the Tampa Bay region. She oversaw the design team, cost estimates, transit technology team, and public involvement. The project, which connects downtown St. Petersburg with Pinellas County beaches, focuses on TOD and includes exclusive transit lanes for over 50% of the route, 30 transit stations, real time transit information, and transit signal priority.

EDUCATION:

Master of Urban and Regional Planning, University of North Carolina at Chapel Hill, 2003

Bachelor of Arts, History and Environmental Studies, Emory University, 2001

CERTIFICATIONS:

American Institute of Certified Planners (AICP)

LEED Accredited Professional

AFFILIATIONS:

Urban Land Institute Central Florida Chapter, Chair of Programs: 2007-2010

YEARS OF EXPERIENCE: 20



14286 Beach Blvd., Ste 19-345, Jacksonville, FL 32250 (904) 992-8072

Janette Simpson | TRAFFIC DATA COLLECTION



Janette is a Project Manager for Peggy Malone & Associates, Inc. (PMA), and is currently responsible for managing projects for both the Florida and Virginia office locations and assigned field staff. As Project Manager, she manages planning and scheduling of projects and the assignment of resources for each project. Janette also is responsible for Quality Control over all projects she manages. Janette has had extensive training and hands-on experience in the placement of machine hose counts, conducting turning movement counts, travel time studies, pedestrian and bicycle studies and the various other traffic data collection efforts that the company performs.

EDUCATION: H.S. Billerica, MA 1979

SUMMARY OF QUALIFICATIONS:

- 15 years of experience in the traffic data collection field. Her responsibilities include coordinating schedule availability for new projects, managing projects with Field Operation Managers, providing details and scope of each job to managers for their crews to perform their job in an effective and timely manner, and corporate management of the company.

PROJECT EXPERIENCE:

Peggy Malone & Associates, Inc. conducts approximately 400 projects each year. The following are sample projects that have been conducted under Janette's supervision.

FDOT District 2 Annual Traffic Count Program. This annual project includes in excess of 1,900 ADT counts consisting of volume and classification machine counts, and loop counts over the 18-county district, with approximately 800 in Duval County. Janette has managed or co-managed this job for the past 12 years. PMA currently is performing the 15th year of counts for this contract. PMA has consistently earned the highest ratings from the FDOT, reflecting that the company exceeds standard performance in every category for this contract.

City of Jacksonville Annual Traffic Count Program. PMA has conducted annual counts for the City for 15+ years. This program includes over 500 volume machine counts. Janette has co-managed this project for the past 12 years. PMA offers the City valuable insight into the local roads, and has completed this project on time, without issue every year.

Florida Turnpike Annual Count Program. PMA has conducted Florida's Turnpike Enterprise and toll roads annual count program for over 10 consecutive years, including collection of seven-day volume and classification machine counts at all the Turnpike service plazas during their annual survey weekends, and collection of seven-day volume and classification machine counts on all the various Turnpike/toll systems throughout Florida. Additional projects are issued each year that require turning movements, travel time studies, stop delay studies, queue studies, condition diagrams, etc. around entrances and exits to the Turnpike/toll roads throughout the state, which Janette directs.

City of Jacksonville, Duval Road PD&E Study. Jeanette managed this PMA project for the City and Benesch, which included four eight-hour turning movements, six 24-hour volume hose counts, and two 24-hour speed hose counts. This project was completed in March 2020 on time, within budget, with no data issues.

City of Jacksonville, Baymeadows Road East Study. Janette managed this project for the City and Arcadis. The project included three 12-hour turning movements, three one-hour delay studies, and eight 24-hour volume hose counts. This data collection project was completed in November 2020. All work was completed on time, within budget with no data issues.

City of Jacksonville, San Jose Boulevard/SR 13 & Claire Lane Intersection Analysis Project. Janette managed this project for the City and Arcadis. The project included five eight-hour turning movements and three 24-hour volume hose counts. The data collection project was completed in December 2020. All work was completed on time, within budget with no data issues.

City of Jacksonville, St. Johns Bluff Corridor Study. Janette managed this project for the City and Arcadis. The project included seven 12-hour turning movements and eight seven-day volume hose counts. This data collection project was completed in December 2020. All work was completed on time, within budget with no data issues.

City of Jacksonville, Park Street Corridor Study. Janette managed this project for the City and Arcadis. The project included 18 eight-hour turning movements and eight seven-day volume hose counts. This data collection project was completed in June 2019. All work was completed on time, within budget with no data issues.

City of Jacksonville, Old Middleburg Road Widening Study. Janette managed this project for the City and ETM. The project included 30 four-hour turning movements, three 10-hour turning movements, fourteen 24-hour volume hose counts, eight 24-hour speed hose counts, six seven-day class hose counts, two seven-day volume hose counts, and five two-hour stop delay studies. All work was completed on time, within budget with no data issues.

ATTACHMENT 4

LOCATION PERCENTAGE OF
WORK TO BE COMPLETED

20-0940

Address of Prime Consultant's designated office where the majority of work will be performed	
Street	800 N. Magnolia Avenue
Street 2	Suite 1750
City	Orlando
State	FL 32803

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	70.00%
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Address of Prime Consultant's other offices where work will be performed (if applicable)	
Street	2035 Vista Parkway
Street 2	
City	West Palm Beach
State	FL 33411

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	8.00%
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Percentage of total overall fees projected to be performed by firms located within Lake County including the Prime Consultant and Subconsultants.	0.00%
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ATTACHMENT 4

LOCATION PERCENTAGE OF
WORK TO BE COMPLETED

20-0940

Address of Prime Consultant's designated office where the majority of work will be performed	
Street	**SEE 1st PAGE OF ATTACHMENT 4**
Street 2	
City	
State	

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	Refer to 1st page
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Address of Prime Consultant's other offices where work will be performed (if applicable)	
Street	3111 W Dr. Martin Luther King Jr Boulevard
Street 2	Suite 375
City	Tampa
State	FL 33607

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	8.00%
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Percentage of total overall fees projected to be performed by firms located within Lake County including the Prime Consultant and Subconsultants.	Refer to 1st page
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ATTACHMENT 4

LOCATION PERCENTAGE OF
WORK TO BE COMPLETED

20-0940

Address of Prime Consultant's designated office where the majority of work will be performed	
Street	**SEE 1st PAGE OF ATTACHMENT 4**
Street 2	
City	
State	

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	Refer to 1st page
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Address of Prime Consultant's other offices where work will be performed (if applicable)	
Street	3230 W. Commercial Boulevard
Street 2	Suite 300
City	Fort Lauderdale
State	FL 33309

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	8.00%
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Percentage of total overall fees projected to be performed by firms located within Lake County including the Prime Consultant and Subconsultants.	Refer to 1st page
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ATTACHMENT 4

LOCATION PERCENTAGE OF
WORK TO BE COMPLETED

20-0940

Address of Prime Consultant's designated office where the majority of work will be performed	
Street	**SEE 1st PAGE OF ATTACHMENT 4**
Street 2	
City	
State	

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	Refer to 1st page
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Address of Prime Consultant's other offices where work will be performed (if applicable)	
Street	8144 Walnut Hill Lane
Street 2	Suite 903
City	Dallas
State	TX 75231

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	3.00%
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Percentage of total overall fees projected to be performed by firms located within Lake County including the Prime Consultant and Subconsultants.	Refer to 1st page
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ATTACHMENT 4

LOCATION PERCENTAGE OF
WORK TO BE COMPLETED

20-0940

Address of Prime Consultant's designated office where the majority of work will be performed	
Street	**SEE 1st PAGE OF ATTACHMENT 4**
Street 2	
City	
State	

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	Refer to 1st page
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Address of Prime Consultant's other offices where work will be performed (if applicable)	
Street	5710 W. Hausman Road
Street 2	Suite 115
City	San Antonio
State	TX 78249

Percentage of total overall fees projected to be performed by the Prime Consultant's office above (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)	3.00%
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Percentage of total overall fees projected to be performed by firms located within Lake County including the Prime Consultant and Subconsultants.	Refer to 1st page
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